STANDARD DATA

30282696

Report Date: 26-May-2010 09:08

Calibration History

Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Start Cal Date: 11-MAR-2010 10:29
End Cal Date : 25-MAY-2010 15:28
Last Cal Level: 4
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.00000		
25-MAY-2010 15:28	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
25-MAY-2010 12:56	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6405.D
Cal Level: 2 , Cal Amount: 10.00000		
25-MAY-2010 15:06	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
25-MAY-2010 12:35	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6404.D
Cal Level: 3 , Cal Amount: 25.00000		
25-MAY-2010 14:44	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
25-MAY-2010 12:13	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6403.D
Cal Level: 4 , Cal Amount: 50.00000		
25-MAY-2010 14:23	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
25-MAY-2010 11:51	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D
Cal Level: 5 , Cal Amount: 100.00000		
25-MAY-2010 14:01	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
25-MAY-2010 11:29	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6401.D
Cal Level: 6 , Cal Amount: 200.00000		
25-MAY-2010 13:40	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D
25-MAY-2010 11:08	2-8260	

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|\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6400.D                    |
+-----------------+----------------+-------------------------------------+


Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 4
+-----------------+----------------+-------------------------------------+
|25-MAY-2010 11:51 |2-8260          |                                     |
|\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D                    |
|25-MAY-2010 14:23 |3-IX            |                                     |
|\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D                    |
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Report Date : 25-May-2010 16:30

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAR-2010 10:29
End Cal Date : 25-MAY-2010 15:28
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Last Edit : 25-May-2010 16:20 a3ux16.i
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
Level 2: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
Level 3: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
Level 4: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
Level 5: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
Level 6: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	___ RRF	% RSD	
	8 Dichlorodifluoromethane	0.20140	0.23923	0.23138	0.21768	0.22932	0.24182	0.22680	6.646	
	9 Chloromethane	0.39413	0.38479	0.34216	0.32327	0.33017	0.33247	0.35116	8.662	
	10 Vinyl Chloride	0.36215	0.37214	0.35271	0.33563	0.34733	0.35846	0.35474	3.556	
	11 Bromomethane	0.20164	0.22862	0.20273	0.17622	0.19864	0.19829	0.20103	8.303	
	12 Chloroethane	0.22353	0.24617	0.21312	0.19021	0.20875	0.21951	0.21688	8.503	
	13 Trichlorofluoromethane	0.29399	0.32403	0.30423	0.27808	0.31138	0.31821	0.30499	5.533	
	14 Dichlorofluoromethane	0.53126	0.46863	0.52166	0.46794	0.50263	0.46052	0.49211	6.197	
	15 Acrolein	0.02444	0.02687	0.02772	0.02845	0.02849	0.02907	0.02751	6.113	
	16 Acetone	0.12589	0.10306	0.08491	0.08936	0.08559	0.08410	0.09548	17.263	
	17 1,1-Dichloroethene	0.24230	0.24086	0.23689	0.24153	0.24363	0.25434	0.24326	2.418	
	18 Freon-113	0.21323	0.20485	0.18199	0.19327	0.19252	0.20550	0.19856	5.708	
	19 Iodomethane	0.45814	0.48137	0.43833	0.44962	0.45566	0.47602	0.45986	3.524	
	20 Carbon Disulfide	0.73819	0.77834	0.71482	0.73838	0.77107	0.84828	0.76485	6.159	
	21 Methylene Chloride	0.50568	0.42662	0.34175	0.33054	0.31893	0.32791	0.37524	20.008	
	22 Acetonitrile	0.02841	0.02922	0.02791	0.02815	0.02807	0.02810	0.02831	1.671	
	23 Acrylonitrile	0.07705	0.08193	0.08312	0.08969	0.08695	0.08873	0.08458	5.668	
	24 Methyl tert-butyl ether	0.36573	0.39094	0.35929	0.39385	0.41379	0.40189	0.38758	5.437	
	25 trans-1,2-Dichloroethene	0.31465	0.30610	0.29371	0.30218	0.30248	0.31786	0.30616	2.897	
	26 Hexane	0.03900	0.04206	0.03964	0.04691	0.04699	0.05185	0.04441	11.291	
	27 Vinyl acetate	0.21096	0.21379	0.23564	0.26357	0.28230	0.29506	0.25022	14.186	
	28 1,1-Dichloroethane	0.51828	0.50863	0.47757	0.49550	0.48857	0.50561	0.49903	2.956	
	29 tert-Butyl Alcohol	0.00885	0.00938	0.00885	0.01010	0.00967	0.00955	0.00940	5.199	<-
	30 2-Butanone	0.10562	0.09071	0.09319	0.09603	0.09516	0.09491	0.09594	5.320	
M	31 1,2-Dichloroethene (total)	0.30830	0.31113	0.29679	0.30899	0.30857	0.32465	0.30974	2.872	
	32 cis-1,2-dichloroethene	0.30196	0.31615	0.29987	0.31580	0.31466	0.33143	0.31331	3.650	
	33 2,2-Dichloropropane	0.25918	0.26663	0.24949	0.26084	0.27281	0.28044	0.26490	4.114	
	34 Bromochloromethane	0.16789	0.15945	0.14779	0.15418	0.15127	0.15781	0.15640	4.509	
	35 Chloroform	0.55754	0.54917	0.50186	0.52064	0.51469	0.53314	0.52951	4.005	

Report Date : 25-May-2010 16:30

TestAmerica North Canton

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Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Last Edit : 25-May-2010 16:20 a3ux16.i
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	___ RRF	% RSD
	36 Tetrahydrofuran	0.05629	0.05796	0.05194	0.05525	0.05280	0.05364	0.05465	4.157
	37 1,1,1-Trichloroethane	0.40315	0.40443	0.37850	0.39437	0.40378	0.42462	0.40148	3.746
	38 1,1-Dichloropropene	0.33444	0.35034	0.34537	0.37117	0.37442	0.39820	0.36232	6.437
	39 Carbon Tetrachloride	0.35373	0.36409	0.33669	0.35125	0.36462	0.39311	0.36058	5.250
	40 1,2-Dichloroethane	0.41952	0.41982	0.39486	0.39909	0.38565	0.39938	0.40305	3.423
	41 Benzene	1.19793	1.20318	1.13330	1.18889	1.17751	1.23987	1.19011	2.934
	42 Trichloroethene	0.31043	0.31228	0.28718	0.29632	0.29732	0.31167	0.30253	3.443
	43 1,2-Dichloropropane	0.27259	0.26600	0.24949	0.26170	0.26324	0.27142	0.26407	3.164
	44 1,4-Dioxane	0.00133	0.00188	0.00180	0.00203	0.00200	0.00196	0.00184	14.171
	45 Dibromomethane	0.16701	0.16590	0.15513	0.15819	0.15682	0.15929	0.16039	3.063
	46 Bromodichloromethane	0.32985	0.32905	0.31983	0.33480	0.34197	0.36496	0.33675	4.638
	47 2-Chloroethyl vinyl ether	0.07253	0.07509	0.08678	0.10377	0.11599	0.11816	0.09539	21.082
	48 cis-1,3-Dichloropropene	0.30089	0.30602	0.31810	0.34824	0.36947	0.39812	0.34014	11.370
	49 4-Methyl-2-pentanone	0.13127	0.13543	0.14868	0.16945	0.18059	0.18473	0.15836	14.580
	50 Toluene	1.43296	1.55704	1.60780	1.67805	1.70527	1.74104	1.62036	7.003
	51 trans-1,3-Dichloropropene	0.33141	0.34826	0.37679	0.40937	0.42736	0.45263	0.39097	12.017
	52 Ethyl Methacrylate	0.24391	0.24359	0.29397	0.35080	0.36963	0.38700	0.31482	20.113
	53 1,1,2-Trichloroethane	0.31796	0.30420	0.30010	0.30595	0.30326	0.30281	0.30571	2.060
	54 1,3-Dichloropropane	0.53342	0.53183	0.52827	0.54219	0.53651	0.54489	0.53618	1.183
	55 Tetrachloroethene	0.34642	0.33381	0.32228	0.32817	0.32478	0.33629	0.33196	2.663
	56 2-Hexanone	0.10494	0.11622	0.13929	0.15538	0.15934	0.15917	0.13906	16.922
	57 Dibromochloromethane	0.29927	0.28335	0.29139	0.30732	0.31585	0.33424	0.30524	5.978
	58 1,2-Dibromoethane	0.26708	0.26326	0.26955	0.28161	0.28154	0.28859	0.27527	3.636
	59 Chlorobenzene	1.12622	1.08291	1.04114	1.06623	1.07016	1.10458	1.08187	2.780
	60 1,1,1,2-Tetrachloroethane	0.37223	0.36839	0.34086	0.36177	0.37107	0.39056	0.36748	4.405
	61 Ethylbenzene	0.43686	0.46722	0.51300	0.55350	0.58552	0.61241	0.52808	12.930
	62 m + p-Xylene	0.51790	0.61297	0.67479	0.72879	0.74118	0.77512	0.67512	14.180
M	63 Xylenes (total)	0.50700	0.59689	0.65906	0.71292	0.73011	0.77056	0.66276	14.673
	64 Xylene-o	0.48519	0.56475	0.62760	0.68119	0.70797	0.76143	0.63802	15.802
	65 Styrene	0.74469	0.89384	1.03070	1.13724	1.19679	1.28511	1.04806	19.196
	66 Bromoform	0.16054	0.15581	0.16151	0.17260	0.17997	0.19755	0.17133	9.108
	67 Isopropylbenzene	1.14561	1.32081	1.45691	1.64780	1.75630	1.88340	1.53514	18.115
	68 1,1,2,2-Tetrachloroethane	0.72302	0.66945	0.62920	0.68087	0.62875	0.61574	0.65784	6.213
	69 1,4-Dichloro-2-butene	0.11217	0.12793	0.12766	0.14426	0.15389	0.15842	0.13739	12.948
	70 1,2,3-Trichloropropane	0.22156	0.19626	0.18682	0.20371	0.19233	0.18346	0.19736	7.010
	71 Bromobenzene	0.74012	0.72215	0.73372	0.78902	0.78620	0.80752	0.76312	4.632

Report Date : 25-May-2010 16:30

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAR-2010 10:29
End Cal Date : 25-MAY-2010 15:28
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Last Edit : 25-May-2010 16:20 a3ux16.i
Curve Type : Average

Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
72 n-Propylbenzene	0.53469	0.60766	0.69246	0.79915	0.82151	0.82682	0.71372	17.213	
73 2-Chlorotoluene	0.57763	0.66278	0.70090	0.75384	0.73987	0.74862	0.69727	9.763	
74 1,3,5-Trimethylbenzene	1.64793	1.97489	2.25844	2.54713	2.55750	2.61620	2.26702	17.123	
75 4-Chlorotoluene	0.61185	0.70559	0.73179	0.78984	0.76176	0.78155	0.73040	9.041	
76 tert-Butylbenzene	1.37902	1.58602	1.67964	1.95803	2.02337	2.10270	1.78813	15.880	
77 1,2,4-Trimethylbenzene	1.63086	2.05196	2.31579	2.63946	2.65564	2.73021	2.33732	18.432	
78 sec-Butylbenzene	1.83769	2.24646	2.34389	2.70343	2.75442	2.86851	2.45907	15.846	
79 4-Isopropyltoluene	1.44516	1.79863	2.02648	2.36855	2.40635	2.49080	2.08933	19.653	
80 1,3-Dichlorobenzene	1.46576	1.53028	1.43272	1.49342	1.47041	1.49933	1.48199	2.256	
81 1,4-Dichlorobenzene	1.61549	1.63186	1.48232	1.53291	1.50882	1.51929	1.54845	3.927	
82 n-Butylbenzene	1.28323	1.44553	1.51752	1.79320	1.91509	1.98680	1.65690	17.024	
83 1,2-Dichlorobenzene	1.46476	1.48372	1.42157	1.50416	1.45924	1.45632	1.46496	1.901	
84 1,2-Dibromo-3-chloropropane	0.08877	0.08415	0.08563	0.09357	0.09258	0.09040	0.08918	4.208	
85 1,2,4-Trichlorobenzene	0.63345	0.67014	0.66502	0.74481	0.78189	0.74487	0.70670	8.252	
86 Hexachlorobutadiene	0.38865	0.39764	0.34642	0.37596	0.36602	0.33533	0.36834	6.543	
87 Naphthalene	0.83763	0.96100	1.12660	1.51644	1.65928	1.57132	1.27871	27.217	
88 1,2,3-Trichlorobenzene	0.58986	0.63158	0.64652	0.73277	0.72553	0.62838	0.65911	8.714	
89 Ethyl Ether	0.24819	0.23715	0.23295	0.23453	0.23372	0.22550	0.23534	3.147	
90 Ethanol	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++	<-
91 3-Chloropropene	0.13707	0.12545	0.13265	0.13794	0.14550	0.14811	0.13779	6.030	
92 Isopropyl Ether	0.21074	0.21112	0.23739	0.24860	0.25892	0.25004	0.23614	8.761	
93 2-Chloro-1,3-butadiene	0.37974	0.39627	0.41843	0.43162	0.43302	0.43473	0.41563	5.480	
94 Propionitrile	0.02827	0.02780	0.02718	0.02833	0.02900	0.02828	0.02814	2.159	
95 Ethyl Acetate	0.17150	0.15997	0.15913	0.16537	0.16683	0.17356	0.16606	3.532	
96 Methacrylonitrile	0.10912	0.12069	0.11354	0.12116	0.12301	0.12696	0.11908	5.500	
97 Isobutanol	0.00764	0.00794	0.00828	0.00826	0.00876	0.00852	0.00823	4.837	<-
98 Cyclohexane	0.35268	0.38618	0.38562	0.44307	0.45980	0.51107	0.42307	13.868	
99 n-Butanol	0.00359	0.00380	0.00435	0.00460	0.00520	0.00530	0.00447	15.743	<-
100 Methyl Methacrylate	0.12332	0.11962	0.12571	0.14036	0.15097	0.16553	0.13758	13.142	
101 2-Nitropropane	0.03865	0.03732	0.03472	0.03880	0.04169	0.04659	0.03963	10.324	
102 Chloropicrin	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++	<-
103 Cyclohexanone	0.01223	0.01183	0.01290	0.01452	0.01690	0.01892	0.01455	19.471	
104 Pentachloroethane	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++	<-
105 Benzyl Chloride	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++	<-
134 Thiophene	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++	<-
135 Crotononitrile(1st Isomer)	++++++	++++++	++++++	++++++	++++++	++++++	++++++	++++++	<-

Report Date : 25-May-2010 16:30

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAR-2010 10:29
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Last Edit : 25-May-2010 16:20 a3ux16.i
Curve Type : Average

Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	___ RRF	% RSD	
136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M 137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
141 1,3,5-Trichlorobenzene	0.83915	0.88658	0.83827	0.89296	0.89626	0.88974	0.87383	3.135	
143 Methyl Acetate	0.18004	0.18695	0.18036	0.18835	0.17902	0.18038	0.18252	2.209	
144 Methylcyclohexane	0.29624	0.33382	0.31911	0.38563	0.40192	0.45138	0.36468	16.016	
145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
146 2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	
147 Tetrahydrothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
148 1,4-Dichlorobutane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
149 Vinyl Acetate-86	0.02404	0.02036	0.02666	0.03087	0.03261	0.03432	0.02814	19.149	
150 1,3-Butadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
151 t-Butyl ethyl ether	0.47444	0.42769	0.45444	0.47393	0.52218	0.47427	0.47116	6.576	
152 t-Amyl methyl ether	0.32914	0.31268	0.34914	0.37566	0.42323	0.38785	0.36295	11.210	
153 1,2,3-Trimethylbenzene	1.75290	1.79908	2.22776	2.68147	3.07512	3.17589	2.45204	25.340	
$ 4 Dibromofluoromethane	0.29050	0.25971	0.25720	0.25835	0.26583	0.27787	0.26824	4.964	
$ 5 1,2-Dichloroethane-d4	0.38206	0.33937	0.32658	0.32819	0.33165	0.32791	0.33929	6.324	
$ 6 Toluene-d8	1.26475	1.19616	1.29426	1.32637	1.38276	1.42251	1.31447	6.214	
$ 7 Bromofluorobenzene	0.41153	0.41716	0.44466	0.46924	0.49209	0.52600	0.46011	9.666	

Report Date : 26-May-2010 09:12

TestAmerica North Canton

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End Cal Date : 25-MAY-2010 15:28
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Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Last Edit : 26-May-2010 09:07 quayler

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
Level 2: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
Level 3: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
Level 4: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
Level 5: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
Level 6: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
8 Dichlorodifluoromethane	0.20140	0.23923	0.23138	0.21768	0.22932	0.24182	AVRG		0.22680		6.64566
9 Chloromethane	0.39413	0.38479	0.34216	0.32327	0.33017	0.33247	AVRG		0.35116		8.66198
10 Vinyl Chloride	0.36215	0.37214	0.35271	0.33563	0.34733	0.35846	AVRG		0.35474		3.55638
11 Bromomethane	0.20164	0.22862	0.20273	0.17622	0.19864	0.19829	AVRG		0.20103		8.30334
12 Chloroethane	0.22353	0.24617	0.21312	0.19021	0.20875	0.21951	AVRG		0.21688		8.50266
13 Trichlorofluoromethane	0.29399	0.32403	0.30423	0.27808	0.31138	0.31821	AVRG		0.30499		5.53290
14 Dichlorofluoromethane	0.53126	0.46863	0.52166	0.46794	0.50263	0.46052	AVRG		0.49211		6.19714
15 Acrolein	0.02444	0.02687	0.02772	0.02845	0.02849	0.02907	AVRG		0.02751		6.11256
16 Acetone	36662	58478	128973	275386	530728	1009851	WLINR	-0.10339	0.08228		0.99795
17 1,1-Dichloroethene	0.24230	0.24086	0.23689	0.24153	0.24363	0.25434	AVRG		0.24326		2.41826
18 Freon-113	0.21323	0.20485	0.18199	0.19327	0.19252	0.20550	AVRG		0.19856		5.70752
19 Iodomethane	0.45814	0.48137	0.43833	0.44962	0.45566	0.47602	AVRG		0.45986		3.52365
20 Carbon Disulfide	0.73819	0.77834	0.71482	0.73838	0.77107	0.84828	AVRG		0.76485		6.15914
21 Methylene Chloride	73635	121038	259556	509303	988788	1968794	WLINR	-0.06233	0.31428		0.99853

Report Date : 26-May-2010 09:12

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 11-MAR-2010 10:29
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Quant Method : ISTD
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Last Edit : 26-May-2010 09:07 quayler

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	22 Acetonitrile	0.02841	0.02922	0.02791	0.02815	0.02807	0.02810	AVRG		0.02831		1.67135	
	23 Acrylonitrile	0.07705	0.08193	0.08312	0.08969	0.08695	0.08873	AVRG		0.08458		5.66785	
	24 Methyl tert-butyl ether	0.36573	0.39094	0.35929	0.39385	0.41379	0.40189	AVRG		0.38758		5.43691	
	25 trans-1,2-Dichloroethene	0.31465	0.30610	0.29371	0.30218	0.30248	0.31786	AVRG		0.30616		2.89683	
	26 Hexane	0.03900	0.04206	0.03964	0.04691	0.04699	0.05185	AVRG		0.04441		11.29149	
	27 Vinyl acetate	0.21096	0.21379	0.23564	0.26357	0.28230	0.29506	AVRG		0.25022		14.18570	
	28 1,1-Dichloroethane	0.51828	0.50863	0.47757	0.49550	0.48857	0.50561	AVRG		0.49903		2.95635	
	29 tert-Butyl Alcohol	0.00885	0.00938	0.00885	0.01010	0.00967	0.00955	AVRG		0.00940		5.19892	<-
	30 2-Butanone	0.10562	0.09071	0.09319	0.09603	0.09516	0.09491	AVRG		0.09594		5.31967	
M	31 1,2-Dichloroethene (total)	0.30830	0.31113	0.29679	0.30899	0.30857	0.32465	AVRG		0.30974		2.87208	
	32 cis-1,2-dichloroethene	0.30196	0.31615	0.29987	0.31580	0.31466	0.33143	AVRG		0.31331		3.64968	
	33 2,2-Dichloropropane	0.25918	0.26663	0.24949	0.26084	0.27281	0.28044	AVRG		0.26490		4.11437	
	34 Bromochloromethane	0.16789	0.15945	0.14779	0.15418	0.15127	0.15781	AVRG		0.15640		4.50852	
	35 Chloroform	0.55754	0.54917	0.50186	0.52064	0.51469	0.53314	AVRG		0.52951		4.00490	
	36 Tetrahydrofuran	0.05629	0.05796	0.05194	0.05525	0.05280	0.05364	AVRG		0.05465		4.15689	
	37 1,1,1-Trichloroethane	0.40315	0.40443	0.37850	0.39437	0.40378	0.42462	AVRG		0.40148		3.74598	
	38 1,1-Dichloropropene	0.33444	0.35034	0.34537	0.37117	0.37442	0.39820	AVRG		0.36232		6.43710	
	39 Carbon Tetrachloride	0.35373	0.36409	0.33669	0.35125	0.36462	0.39311	AVRG		0.36058		5.24958	
	40 1,2-Dichloroethane	0.41952	0.41982	0.39486	0.39909	0.38565	0.39938	AVRG		0.40305		3.42289	
	41 Benzene	1.19793	1.20318	1.13330	1.18889	1.17751	1.23987	AVRG		1.19011		2.93368	
	42 Trichloroethene	0.31043	0.31228	0.28718	0.29632	0.29732	0.31167	AVRG		0.30253		3.44324	
	43 1,2-Dichloropropane	0.27259	0.26600	0.24949	0.26170	0.26324	0.27142	AVRG		0.26407		3.16389	

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TestAmerica North Canton

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Method file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Last Edit : 26-May-2010 09:07 quayler

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	44 1,4-Dioxane	0.00133	0.00188	0.00180	0.00203	0.00200	0.00196	AVRG		0.00184		14.17096
	45 Dibromomethane	0.16701	0.16590	0.15513	0.15819	0.15682	0.15929	AVRG		0.16039		3.06279
	46 Bromodichloromethane	0.32985	0.32905	0.31983	0.33480	0.34197	0.36496	AVRG		0.33675		4.63815
	47 2-Chloroethyl vinyl ether	21122	42608	131816	319772	719207	1418847	WLINR	0.12230	0.11792		0.99644
	48 cis-1,3-Dichloropropene	0.30089	0.30602	0.31810	0.34824	0.36947	0.39812	AVRG		0.34014		11.36989
	49 4-Methyl-2-pentanone	0.13127	0.13543	0.14868	0.16945	0.18059	0.18473	AVRG		0.15836		14.57978
	50 Toluene	1.43296	1.55704	1.60780	1.67805	1.70527	1.74104	AVRG		1.62036		7.00342
	51 trans-1,3-Dichloropropene	0.33141	0.34826	0.37679	0.40937	0.42736	0.45263	AVRG		0.39097		12.01742
	52 Ethyl Methacrylate	25787	51033	162376	400448	859993	1781163	WLINR	0.05787	0.38432		0.99733
	53 1,1,2-Trichloroethane	0.31796	0.30420	0.30010	0.30595	0.30326	0.30281	AVRG		0.30571		2.05966
	54 1,3-Dichloropropane	0.53342	0.53183	0.52827	0.54219	0.53651	0.54489	AVRG		0.53618		1.18299
	55 Tetrachloroethene	0.34642	0.33381	0.32228	0.32817	0.32478	0.33629	AVRG		0.33196		2.66335
	56 2-Hexanone	22188	48697	153871	354731	741467	1465153	WLINR	0.07566	0.15802		0.99673
	57 Dibromochloromethane	0.29927	0.28335	0.29139	0.30732	0.31585	0.33424	AVRG		0.30524		5.97756
	58 1,2-Dibromoethane	0.26708	0.26326	0.26955	0.28161	0.28154	0.28859	AVRG		0.27527		3.63629
	59 Chlorobenzene	1.12622	1.08291	1.04114	1.06623	1.07016	1.10458	AVRG		1.08187		2.78041
	60 1,1,1,2-Tetrachloroethane	0.37223	0.36839	0.34086	0.36177	0.37107	0.39056	AVRG		0.36748		4.40538
	61 Ethylbenzene	0.43686	0.46722	0.51300	0.55350	0.58552	0.61241	AVRG		0.52808		12.92955
	62 m + p-Xylene	0.51790	0.61297	0.67479	0.72879	0.74118	0.77512	AVRG		0.67512		14.18017
M	63 Xylenes (total)	0.50700	0.59689	0.65906	0.71292	0.73011	0.77056	AVRG		0.66276		14.67328
	64 Xylene-o	51295	118318	346656	777585	1647171	3504431	WLINR	0.03548	0.71898		0.99688
	65 Styrene	78730	187265	569309	1298180	2784462	5914646	WLINR	0.04225	1.21068		0.99585

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TestAmerica North Canton

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Last Edit : 26-May-2010 09:07 quayler

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
66 Bromoform	0.16054	0.15581	0.16151	0.17260	0.17997	0.19755	AVRG		0.17133		9.10773
67 Isopropylbenzene	121115	276718	804724	1880993	4086241	8668243	WLINR	0.03913	1.75591		0.99371
68 1,1,2,2-Tetrachloroethane	0.72302	0.66945	0.62920	0.68087	0.62875	0.61574	AVRG		0.65784		6.21314
69 1,4-Dichloro-2-butene	0.11217	0.12793	0.12766	0.14426	0.15389	0.15842	AVRG		0.13739		12.94773
70 1,2,3-Trichloropropane	0.22156	0.19626	0.18682	0.20371	0.19233	0.18346	AVRG		0.19736		7.00955
71 Bromobenzene	0.74012	0.72215	0.73372	0.78902	0.78620	0.80752	AVRG		0.76312		4.63192
72 n-Propylbenzene	30026	71426	220736	514268	1103900	2283113	WLINR	0.03822	0.81247		0.99620
73 2-Chlorotoluene	0.57763	0.66278	0.70090	0.75384	0.73987	0.74862	AVRG		0.69727		9.76266
74 1,3,5-Trimethylbenzene	92541	232135	719922	1639123	3436620	7224149	WLINR	0.03888	2.58346		0.99821
75 4-Chlorotoluene	0.61185	0.70559	0.73179	0.78984	0.76176	0.78155	AVRG		0.73040		9.04131
76 tert-Butylbenzene	77440	186426	535418	1260027	2718885	5806220	WLINR	0.03496	2.01317		0.99541
77 1,2,4-Trimethylbenzene	91582	241194	738203	1698538	3568493	7538968	WLINR	0.04159	2.68946		0.99827
78 sec-Butylbenzene	103197	264057	747161	1739702	3701220	7920858	WLINR	0.03568	2.77268		0.99710
79 4-Isopropyltoluene	81154	211417	645981	1524203	3233503	6877888	WLINR	0.04352	2.42319		0.99677
80 1,3-Dichlorobenzene	1.46576	1.53028	1.43272	1.49342	1.47041	1.49933	AVRG		1.48199		2.25567
81 1,4-Dichlorobenzene	1.61549	1.63186	1.48232	1.53291	1.50882	1.51929	AVRG		1.54845		3.92690
82 n-Butylbenzene	72061	169913	483739	1153952	2573384	5486179	WLINR	0.03618	1.87683		0.99250
83 1,2-Dichlorobenzene	1.46476	1.48372	1.42157	1.50416	1.45924	1.45632	AVRG		1.46496		1.90107
84 1,2-Dibromo-3-chloropropane	0.08877	0.08415	0.08563	0.09357	0.09258	0.09040	AVRG		0.08918		4.20756
85 1,2,4-Trichlorobenzene	0.63345	0.67014	0.66502	0.74481	0.78189	0.74487	AVRG		0.70670		8.25160
86 Hexachlorobutadiene	0.38865	0.39764	0.34642	0.37596	0.36602	0.33533	AVRG		0.36834		6.54338
87 Naphthalene	47038	112959	359126	975852	2229644	4338905	WLINR	0.06799	1.62370		0.99551

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TestAmerica North Canton

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Last Edit : 26-May-2010 09:07 quayler

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
88 1,2,3-Trichlorobenzene	0.58986	0.63158	0.64652	0.73277	0.72553	0.62838	AVRG		0.65911		8.71433	
89 Ethyl Ether	0.24819	0.23715	0.23295	0.23453	0.23372	0.22550	AVRG		0.23534		3.14652	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
91 3-Chloropropene	0.13707	0.12545	0.13265	0.13794	0.14550	0.14811	AVRG		0.13779		6.03031	
92 Isopropyl Ether	0.21074	0.21112	0.23739	0.24860	0.25892	0.25004	AVRG		0.23614		8.76125	
93 2-Chloro-1,3-butadiene	0.37974	0.39627	0.41843	0.43162	0.43302	0.43473	AVRG		0.41563		5.48021	
94 Propionitrile	0.02827	0.02780	0.02718	0.02833	0.02900	0.02828	AVRG		0.02814		2.15911	
95 Ethyl Acetate	0.17150	0.15997	0.15913	0.16537	0.16683	0.17356	AVRG		0.16606		3.53244	
96 Methacrylonitrile	0.10912	0.12069	0.11354	0.12116	0.12301	0.12696	AVRG		0.11908		5.49957	
97 Isobutanol	0.00764	0.00794	0.00828	0.00826	0.00876	0.00852	AVRG		0.00823		4.83663	<-
98 Cyclohexane	0.35268	0.38618	0.38562	0.44307	0.45980	0.51107	AVRG		0.42307		13.86772	
99 n-Butanol	6930	15173	41596	96216	211771	454333	WLINR	0.67296	0.00502		0.99336	<-
100 Methyl Methacrylate	0.12332	0.11962	0.12571	0.14036	0.15097	0.16553	AVRG		0.13758		13.14160	
101 2-Nitropropane	0.03865	0.03732	0.03472	0.03880	0.04169	0.04659	AVRG		0.03963		10.32447	
102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
103 Cyclohexanone	5159	10598	28744	70614	164113	394025	WLINR	0.64497	0.01822		0.99019	
104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
M 137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-

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Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
141 1,3,5-Trichlorobenzene	0.83915	0.88658	0.83827	0.89296	0.89626	0.88974	AVRG		0.87383		3.13507	
143 Methyl Acetate	0.18004	0.18695	0.18036	0.18835	0.17902	0.18038	AVRG		0.18252		2.20859	
144 Methylcyclohexane	43137	94708	242361	594191	1246059	2710148	WLINR	0.05265	0.43650		0.99382	
145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
146 2-Methylnaphthalene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	
147 Tetrahydrothiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
148 1,4-Dichlorobutane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
149 Vinyl Acetate-86	3500	5776	20247	47560	101093	206075	WLINR	0.05498	0.03398		0.99672	
150 1,3-Butadiene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
151 t-Butyl ethyl ether	0.47444	0.42769	0.45444	0.47393	0.52218	0.47427	AVRG		0.47116		6.57621	
152 t-Amyl methyl ether	0.32914	0.31268	0.34914	0.37566	0.42323	0.38785	AVRG		0.36295		11.20971	
153 1,2,3-Trimethylbenzene	73923	161227	496434	1303914	2985476	6614953	WLINR	0.07150	3.15756		0.99515	
$ 4 Dibromofluoromethane	0.29050	0.25971	0.25720	0.25835	0.26583	0.27787	AVRG		0.26824		4.96439	
$ 5 1,2-Dichloroethane-d4	0.38206	0.33937	0.32658	0.32819	0.33165	0.32791	AVRG		0.33929		6.32392	
$ 6 Toluene-d8	1.26475	1.19616	1.29426	1.32637	1.38276	1.42251	AVRG		1.31447		6.21364	
$ 7 Bromofluorobenzene	0.41153	0.41716	0.44466	0.46924	0.49209	0.52600	AVRG		0.46011		9.66629	

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Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

North Canton

Work Instruction WI-NC-041A_110308

Effective _____

Data review checklist: 8260 A/8260B/624 Initial Calibration

Method (check the applicable box): ☑ 8260A ☑ 8260B ☐ 624

Analysis Date: 5-25-10 **Run batch ID:** NA

Curve ID: M00525 **(curve ID must include instrument designation and date reference)**

Acceptance criteria is found in the applicable laboratory SOP. If item is N/A, mark as such in Notes column

Item for review	**Level I** Yes No	**Level II** Yes No
Tune:		
BFB passes, all points within 12 hr clock (24 hr for 624)	Yes	Yes
All calibration points ID'd on Calibration Summary Form	Yes	Yes
Documentation: Raw data and run logs present for all points	Yes	Yes
Run log and Raw data clearly indicate method by version	Yes	Yes
RLs: Minimum of 5 points, lowest standards at or below RL	Yes	Yes
Linearity: 8260 CCCs ≤ 30% RSD	Yes	Yes
Linear Regression curve fit for all >15% RSD (35% 624) r2>0.980 (r>0.990)	Yes	Yes
Plots for all Linear Regressions printed	Yes	Yes
Response: SPCCs all pass minimum response factors	Yes	Yes
ICV- Second source standard Analytes 60-140% recovery, problem compounds may be allowed outside these limits, but must be evaluated (acrolein, acrylonitrile, 2-ceve, propionitrile, trans 1,4-dichloro-2-butene) Internal Standards 50-200% of recent curve	Yes	Yes
Manual integrations: necessary, correct & documented	NA	NA
Other: Verify Avg RF on Cal Summary matches Avg RF on Con Cal form	NA	NA

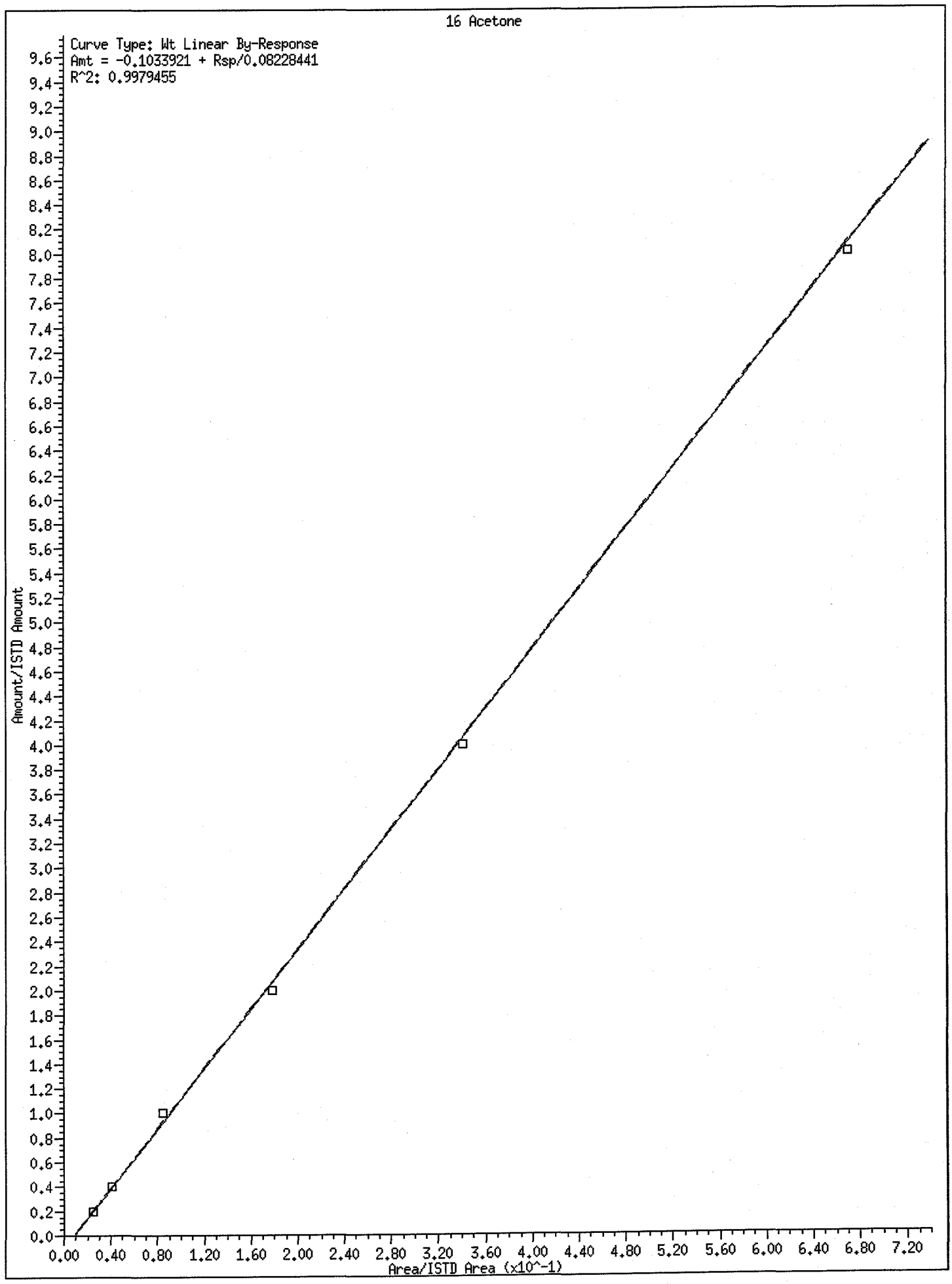
Reviewed by Analyst/ Level I: _____ Date: 5-26-10

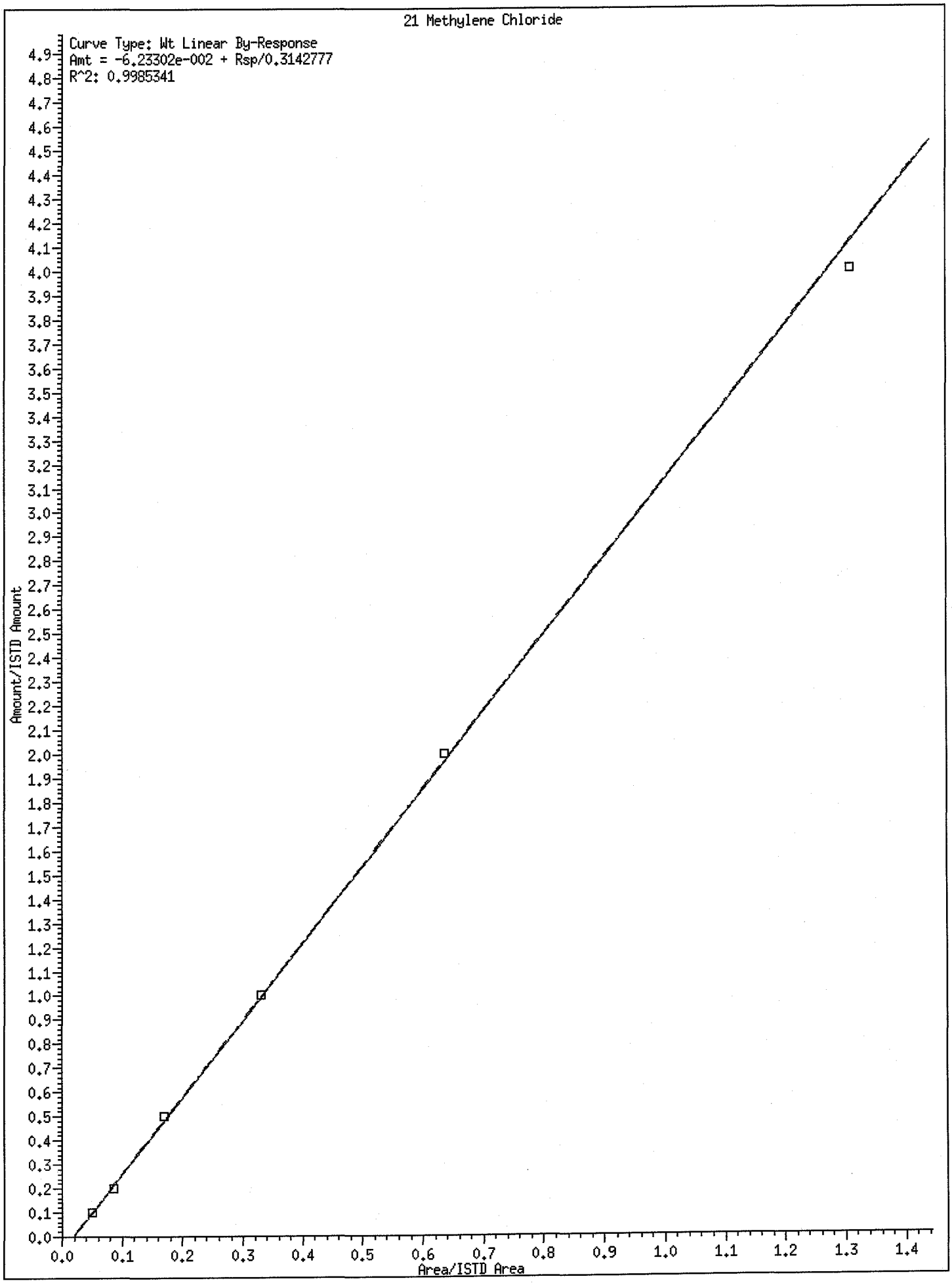
Reviewed by Peer/Sup/ Level II: _____ Date: 5-28-10

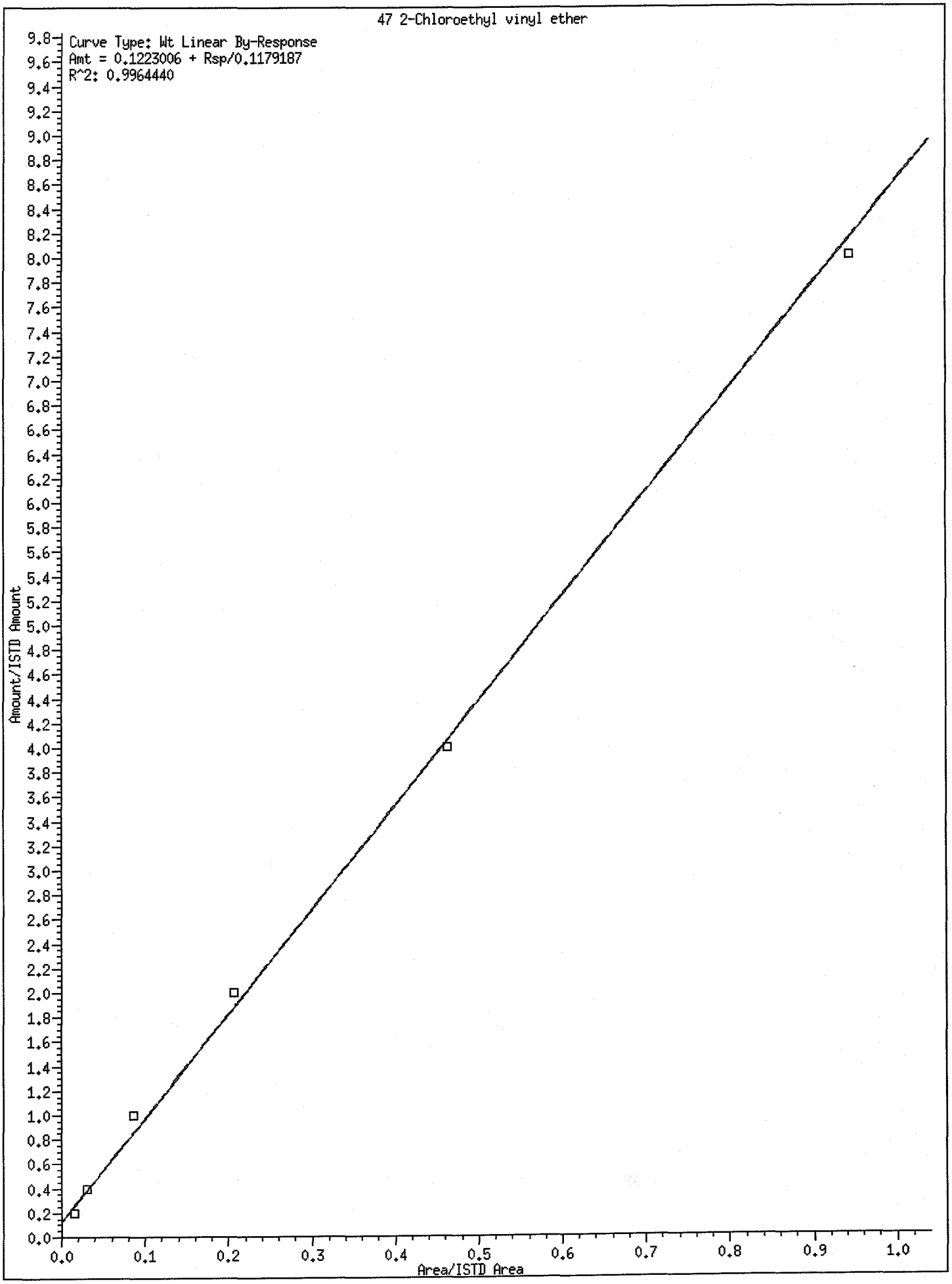
By signing in "Reviewed by" above I agree that I have reviewed the data as indicated on this checklist.

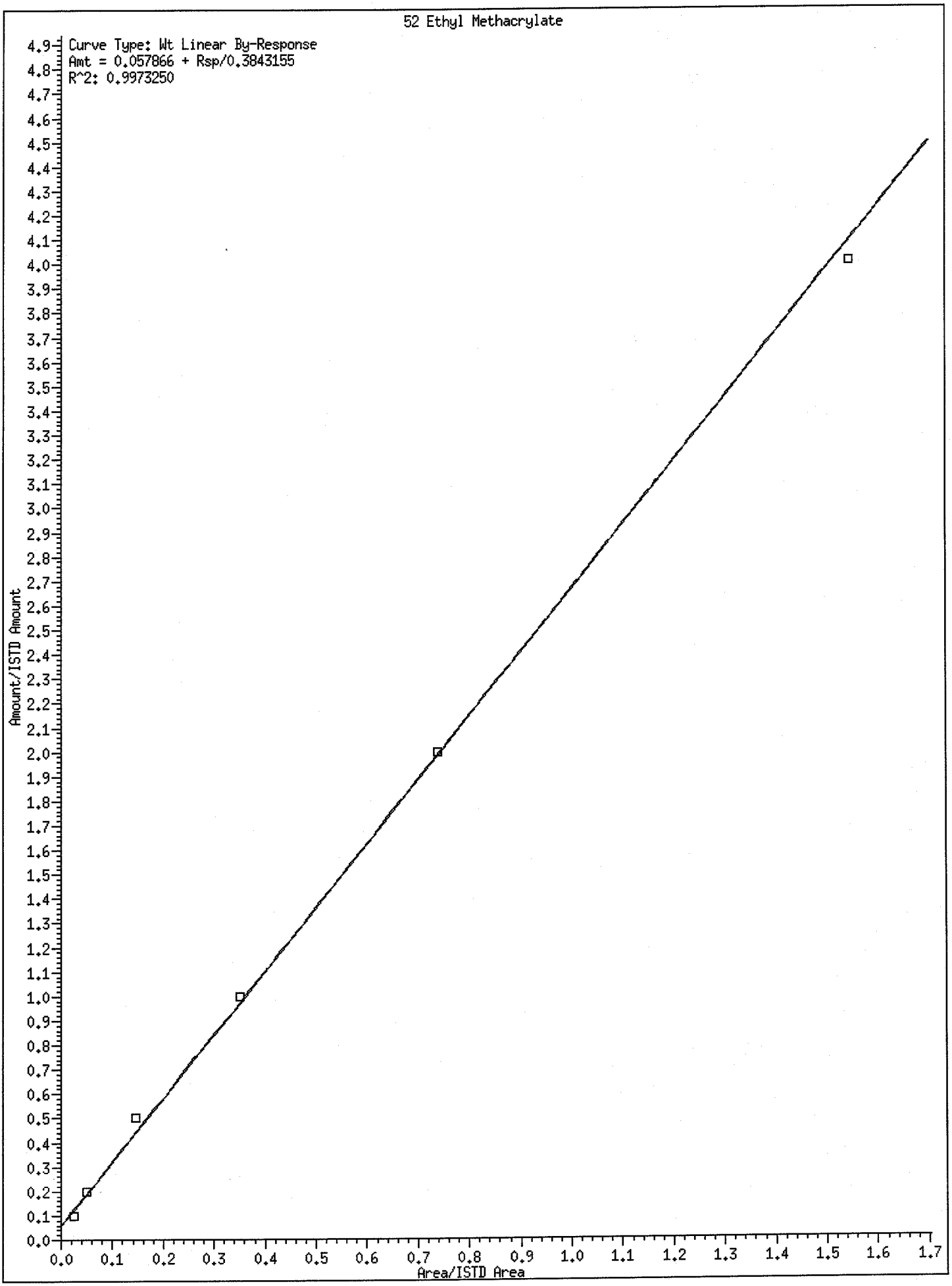
*Peer/Sup only: In addition to the items above, all manual integrations in this package have been reviewed and found acceptable.

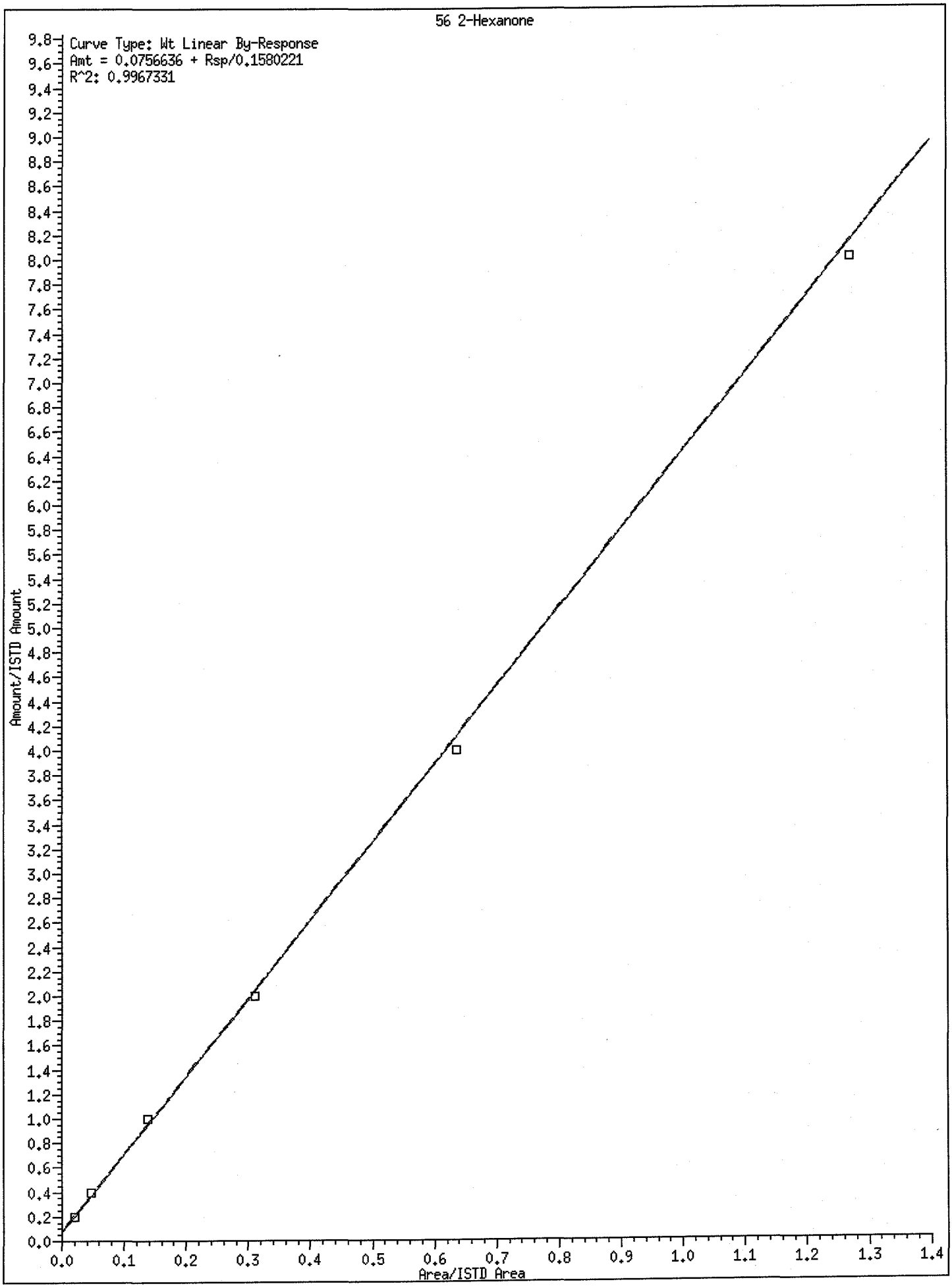
Reviewed by Peer/Sup: _____ Date: _____

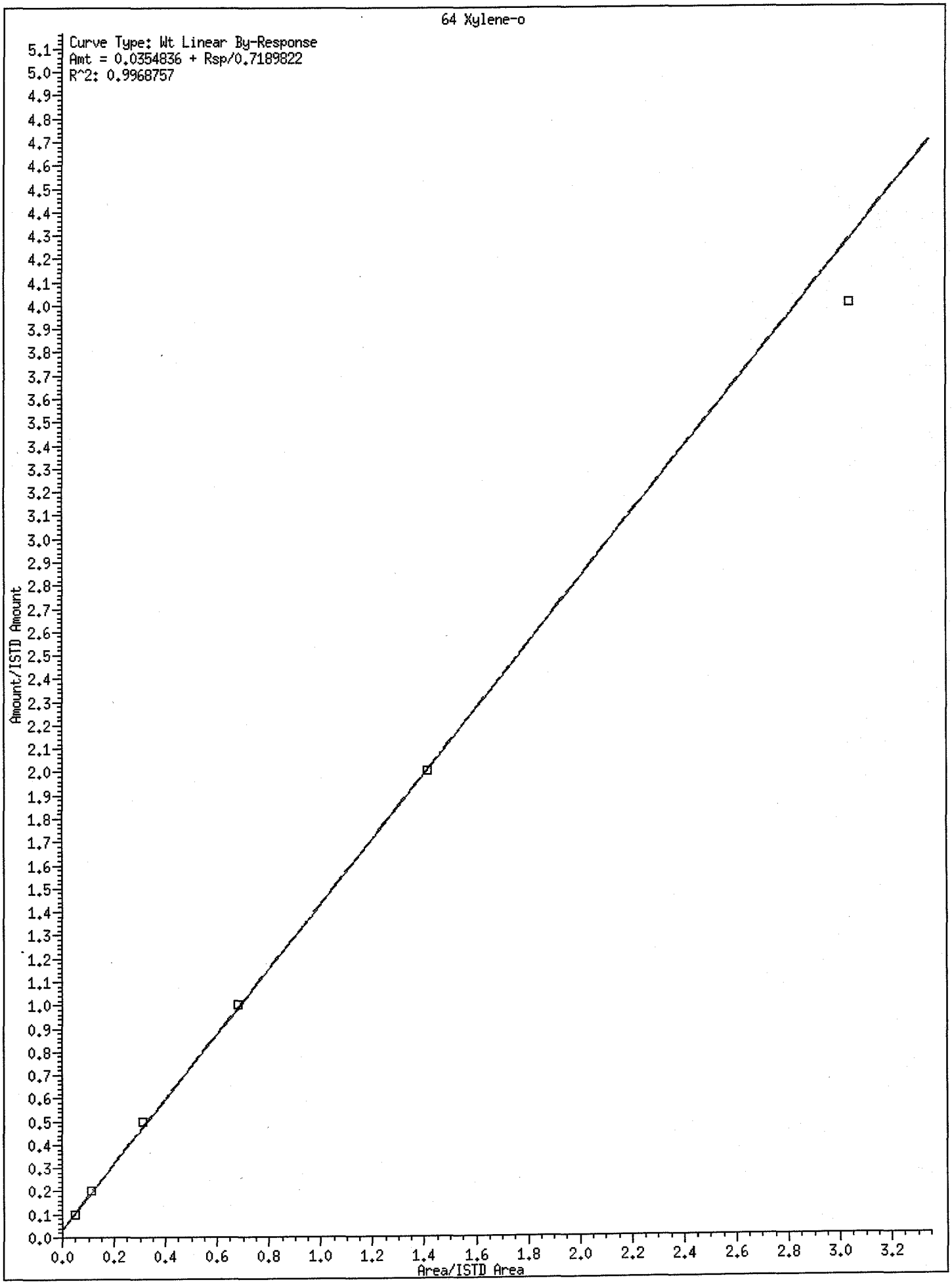

16 Acetone
Curve Type: Wt Linear By-Response
Amt = -0.1033921 + Rsp/0.08228441
R^2: 0.9979455
Amount/ISTD Amount
Area/ISTD Area (x10^-1)

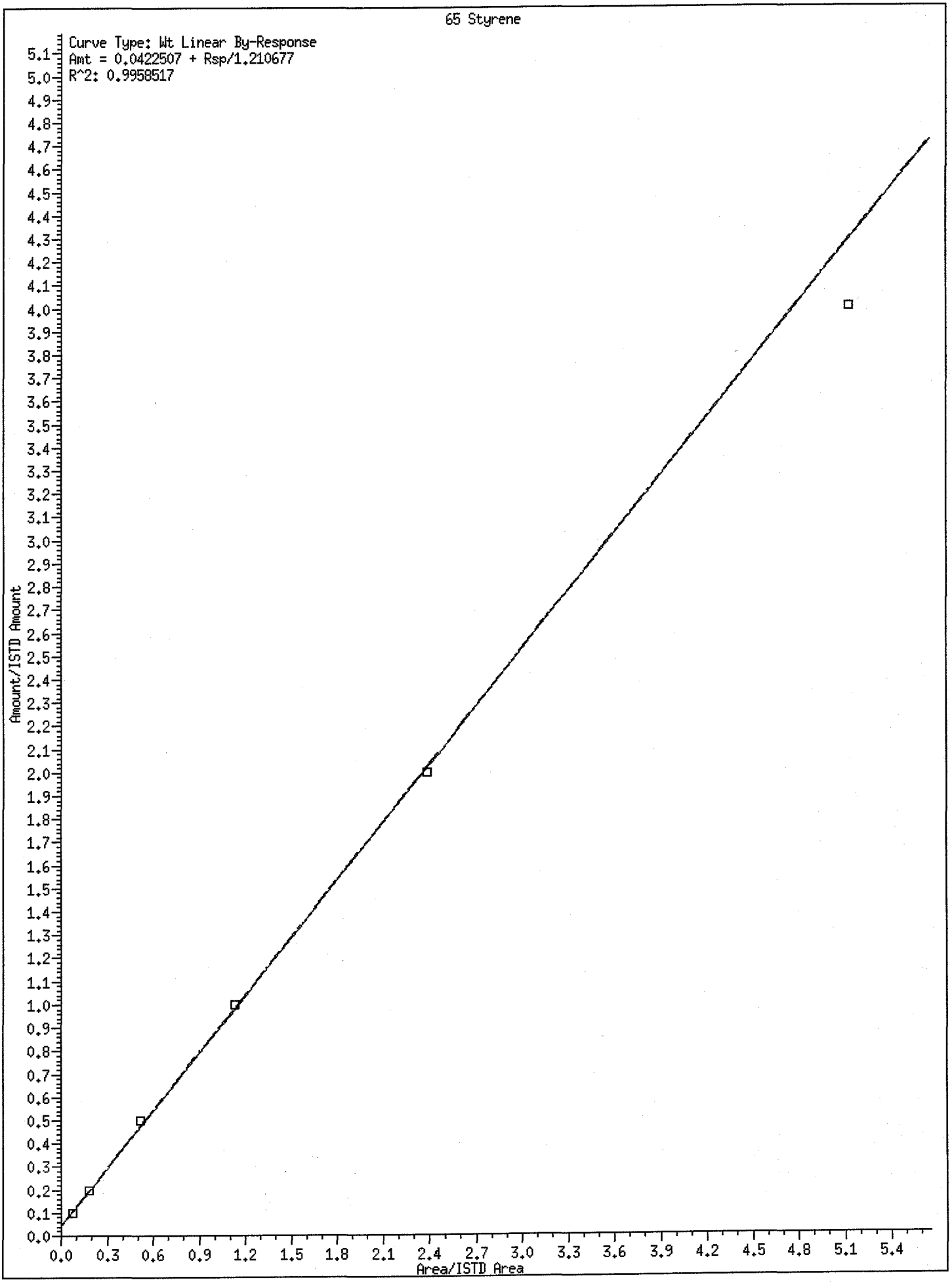

21 Methylene Chloride
Curve Type: Wt Linear By-Response
Amt = -6.23302e-002 + Rsp/0.3142777
R^2: 0.9985341
Amount/ISTD Amount
Area/ISTD Area

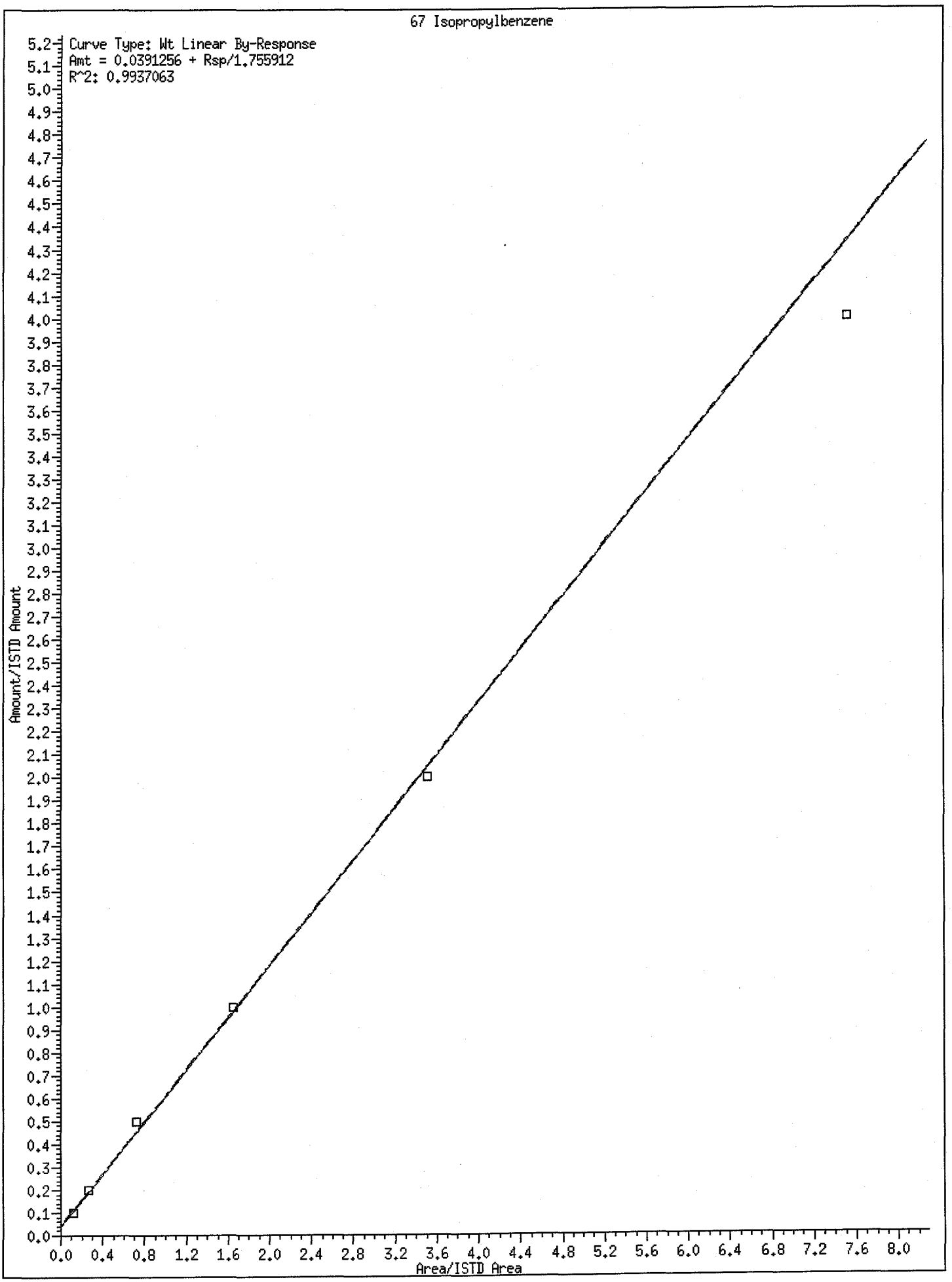

47 2-Chloroethyl vinyl ether
Curve Type: Wt Linear By-Response
Amt = 0.1223006 + Rsp/0.1179187
R^2: 0.9964440
Amount/ISTD Amount
Area/ISTD Area

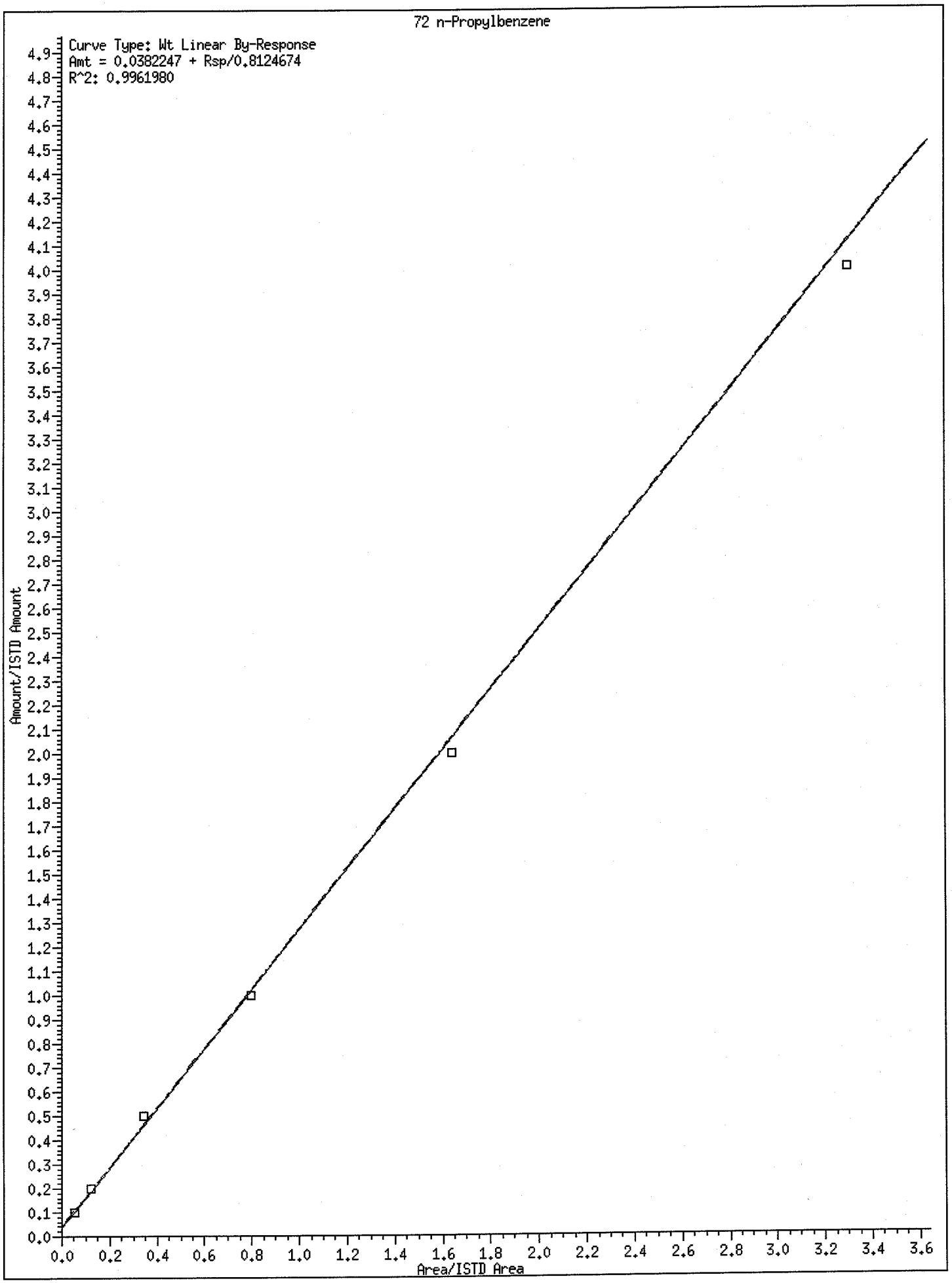

52 Ethyl Methacrylate
Curve Type: Wt Linear By-Response
Amt = 0.057866 + Rsp/0.3843155
R^2: 0.9973250
Amount/ISTD Amount
Area/ISTD Area

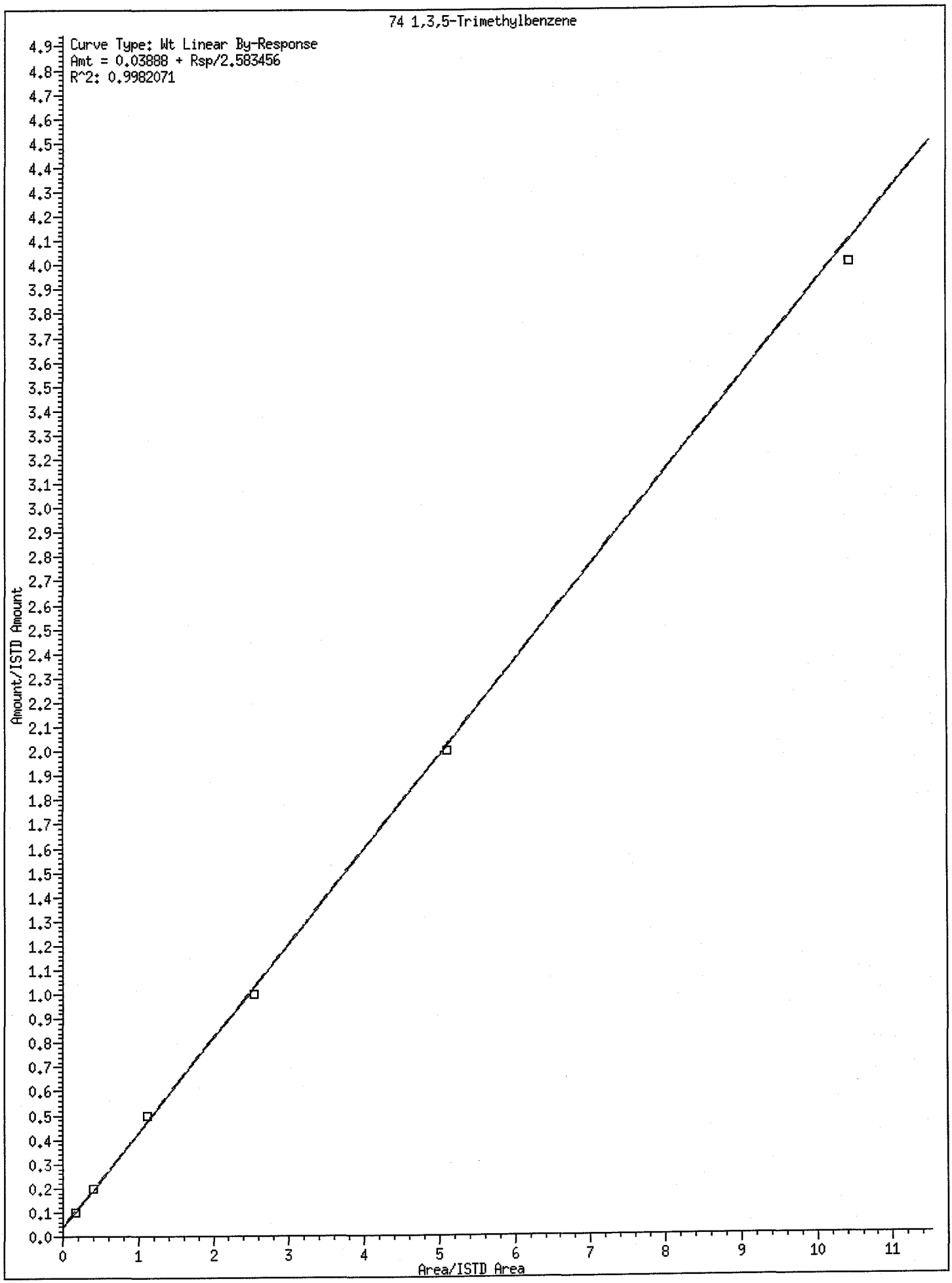

56 2-Hexanone
Curve Type: Wt Linear By-Response
Amt = 0.0756636 + Rsp/0.1580221
R^2: 0.9967331
Amount/ISTD Amount
Area/ISTD Area

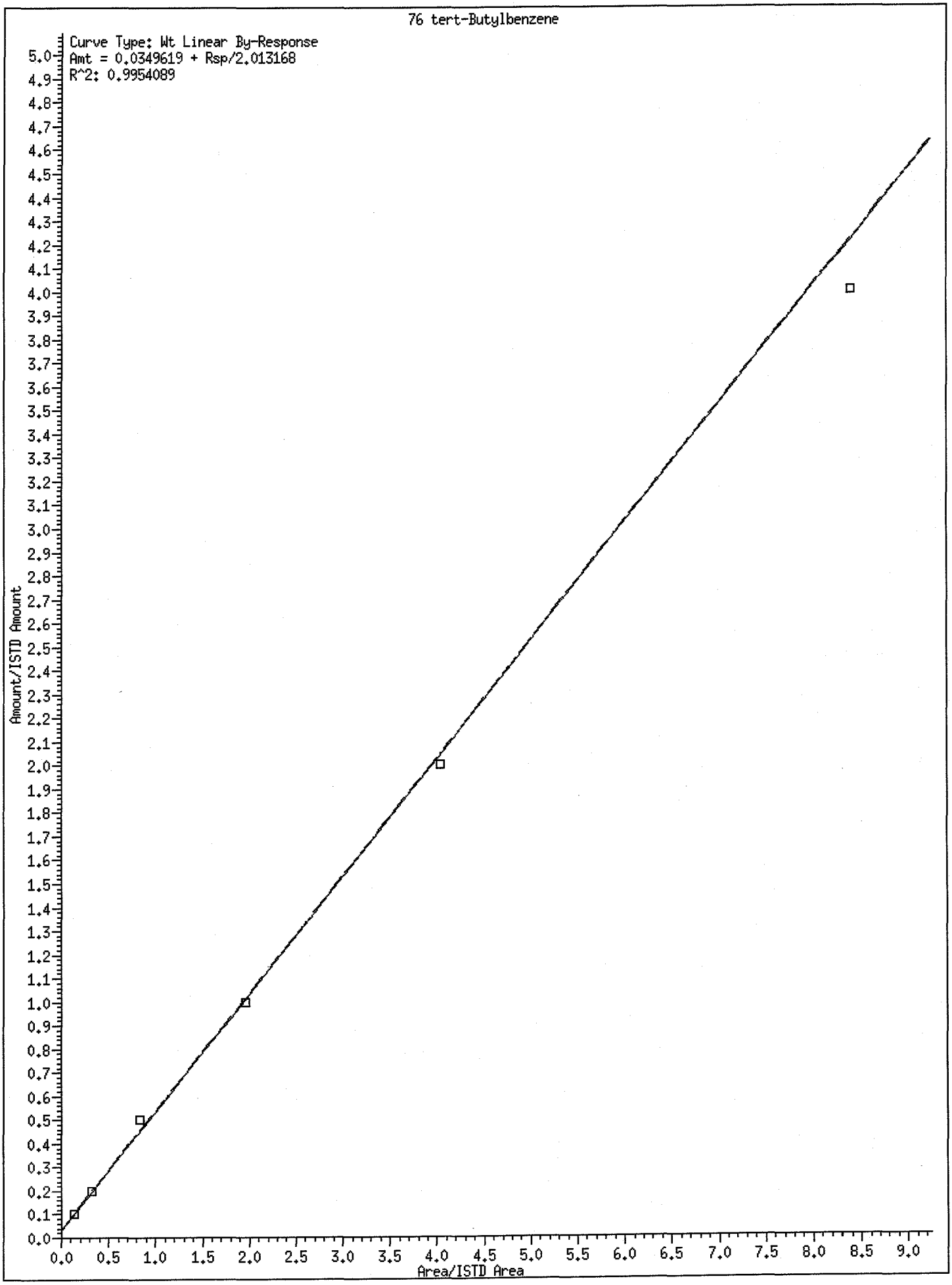

64 Xylene-o
Curve Type: Wt Linear By-Response
Amt = 0.0354836 + Rsp/0.7189822
R^2: 0.9968757
Amount/ISTD Amount
Area/ISTD Area

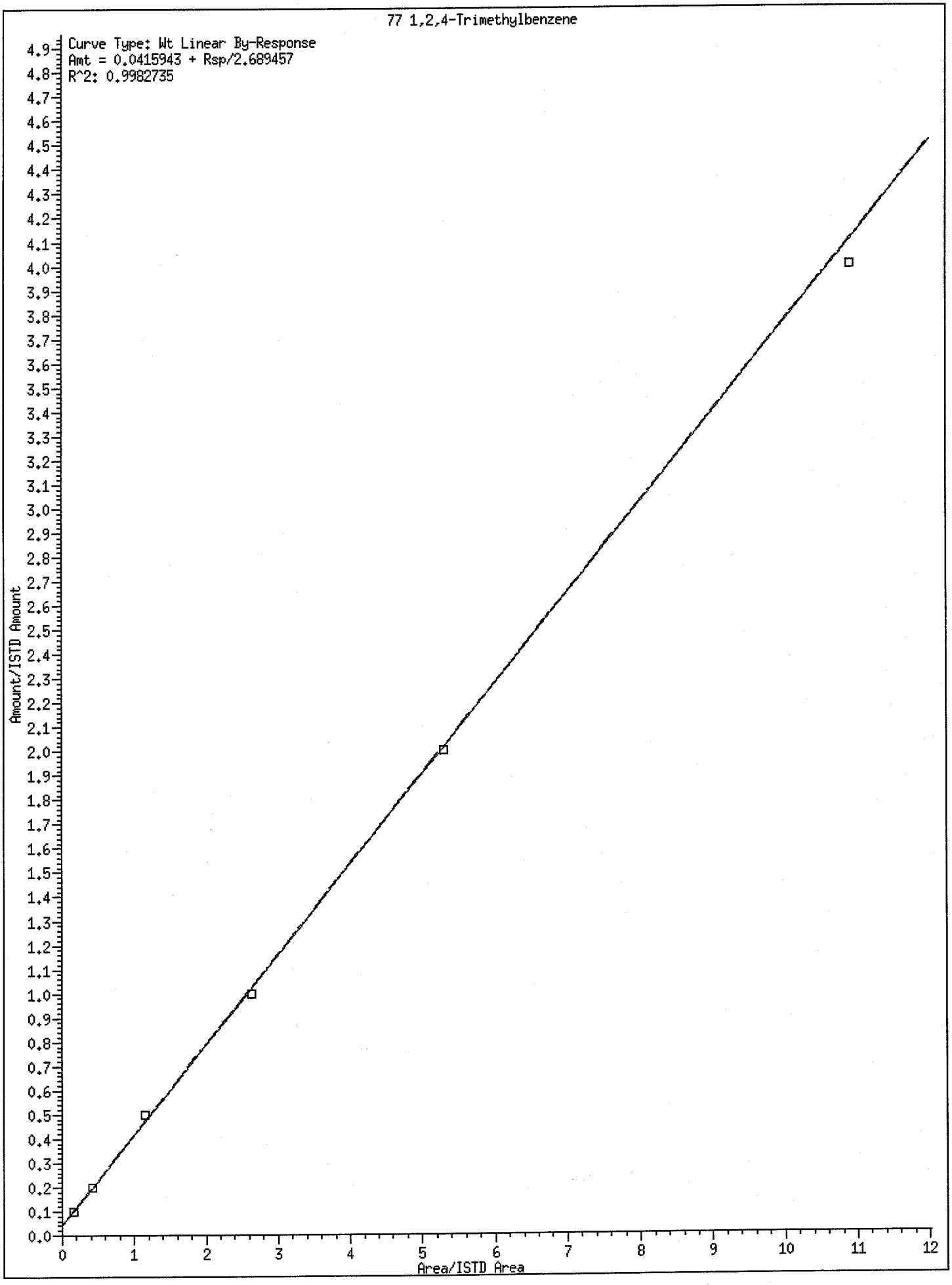

65 Styrene
Curve Type: Wt Linear By-Response
Amt = 0.0422507 + Rsp/1.210677
R^2: 0.9958517
Amount/ISTD Amount
Area/ISTD Area

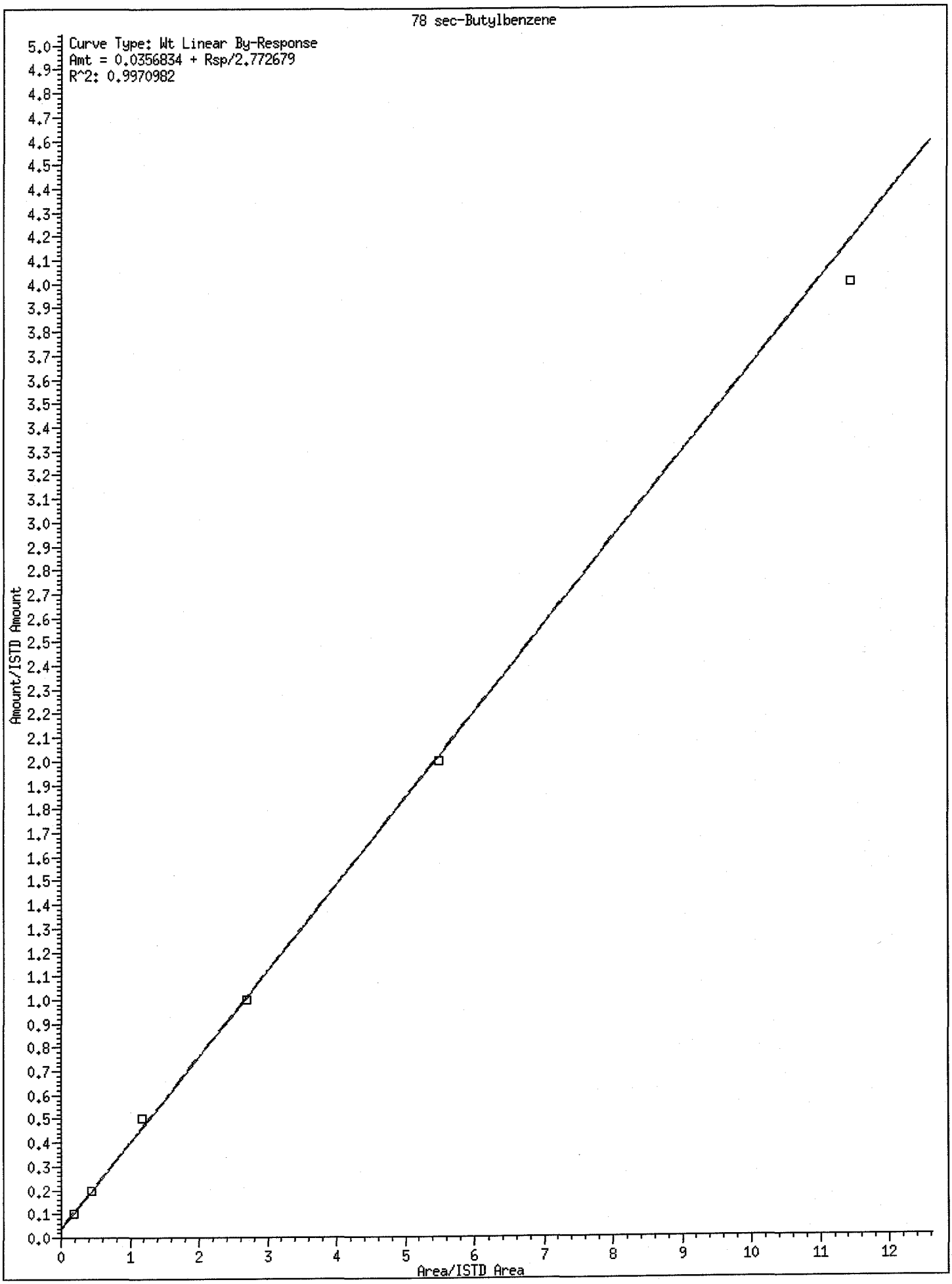

67 Isopropylbenzene
Curve Type: Wt Linear By-Response
Amt = 0.0391256 + Rsp/1.755912
R^2: 0.9937063
Amount/ISTD Amount
Area/ISTD Area

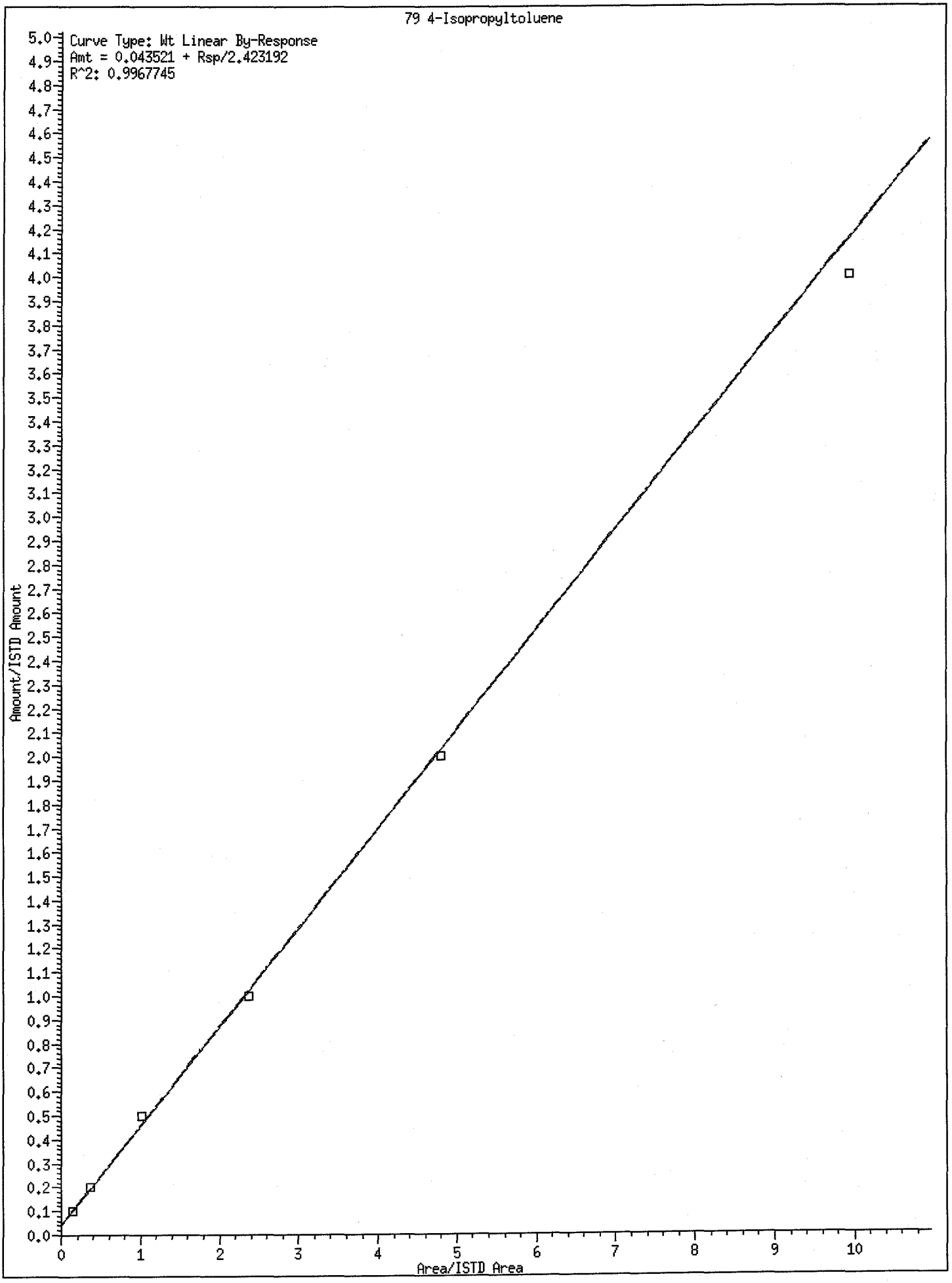

72 n-Propylbenzene
Curve Type: Wt Linear By-Response
Amt = 0.0382247 + Rsp/0.8124674
R^2: 0.9961980
Amount/ISTD Amount
Area/ISTD Area

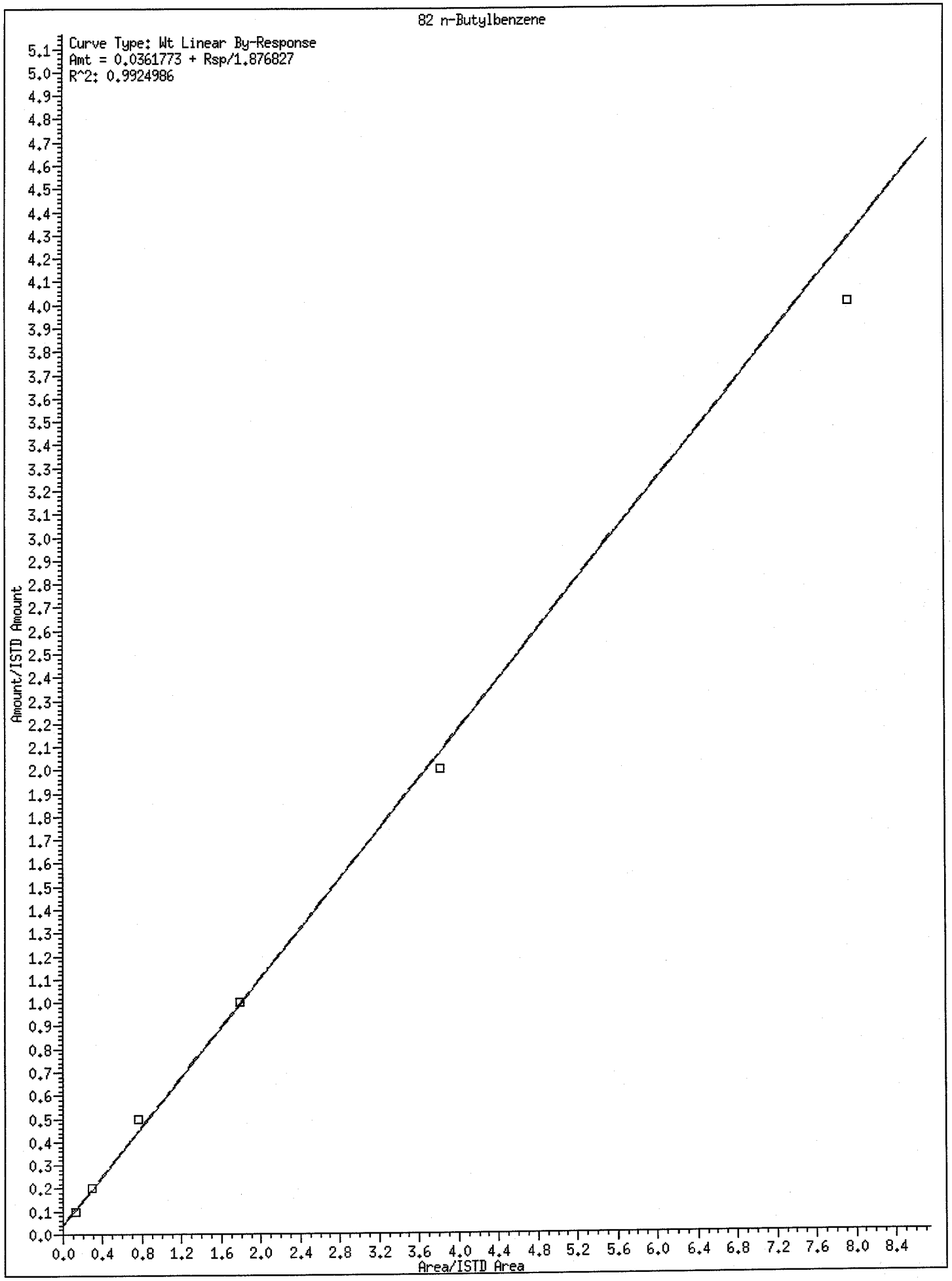

74 1,3,5-Trimethylbenzene
Curve Type: Wt Linear By-Response
Amt = 0.03888 + Rsp/2.583456
R^2: 0.9982071
Amount/ISTD Amount
Area/ISTD Area

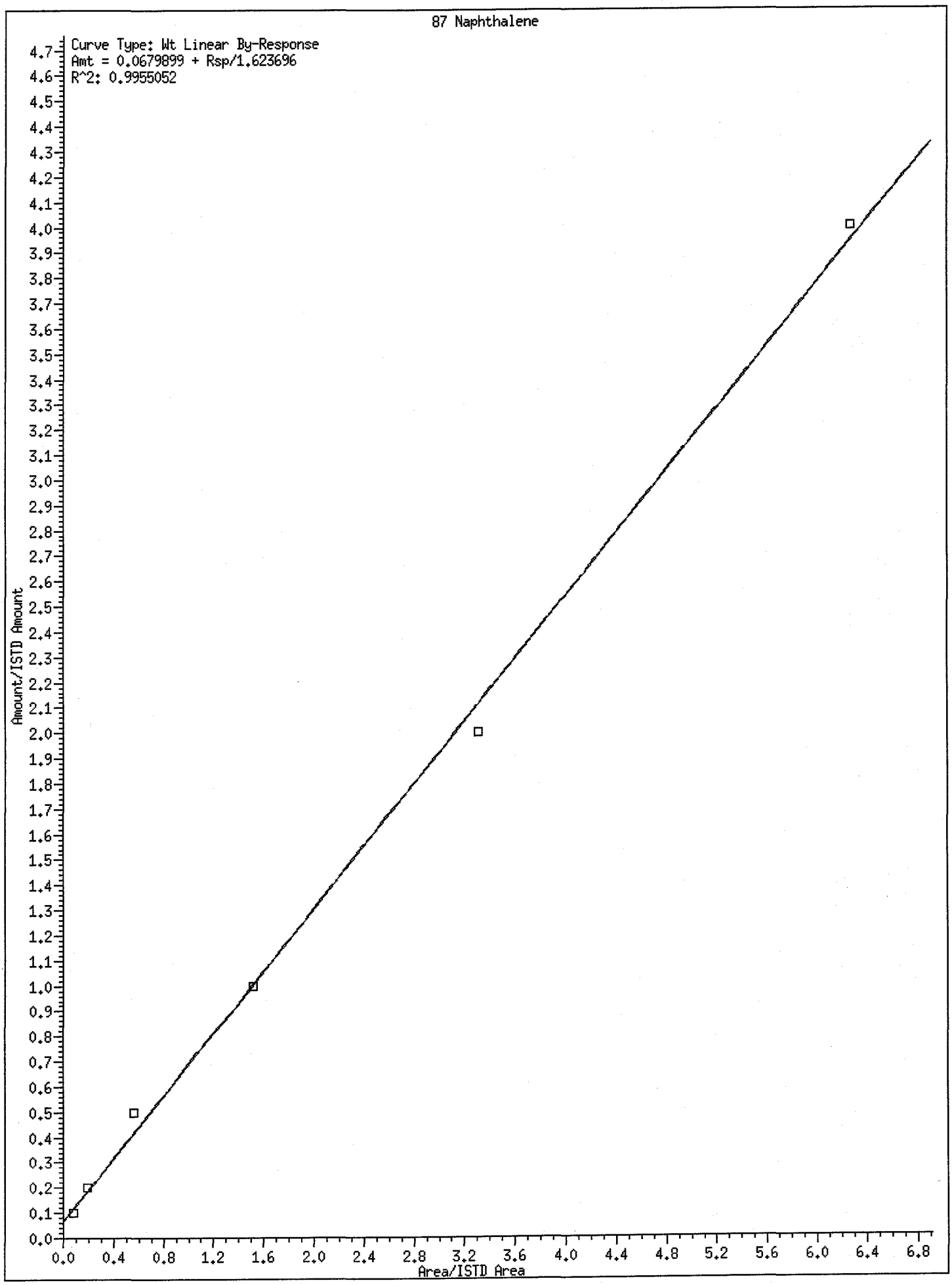

76 tert-Butylbenzene
Curve Type: Wt Linear By-Response
Amt = 0.0349619 + Rsp/2.013168
R^2: 0.9954089
Amount/ISTD Amount
Area/ISTD Area

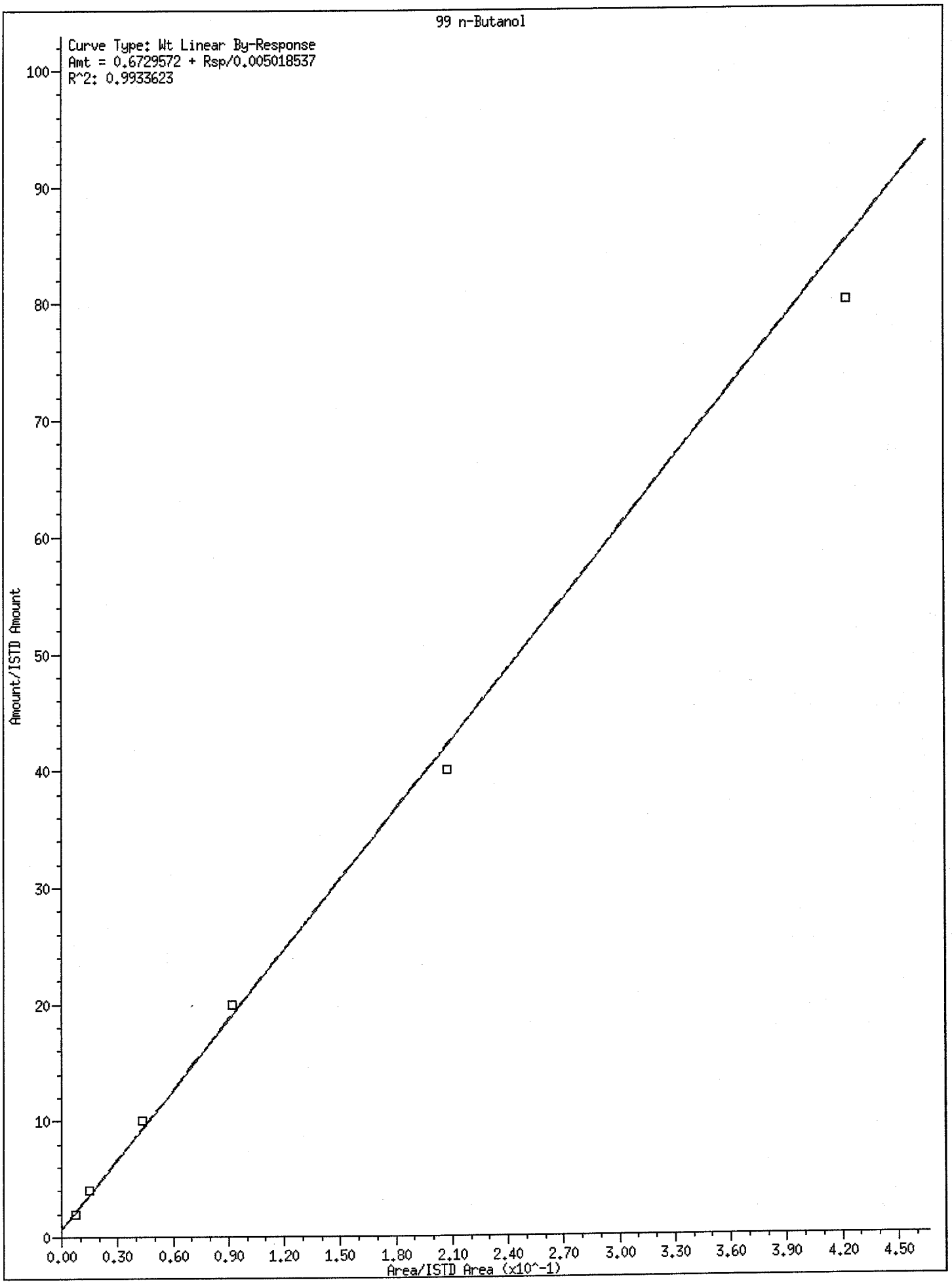

77 1,2,4-Trimethylbenzene
Curve Type: Wt Linear By-Response
Amt = 0.0415943 + Rsp/2.689457
R^2: 0.9982735
Amount/ISTD Amount
Area/ISTD Area

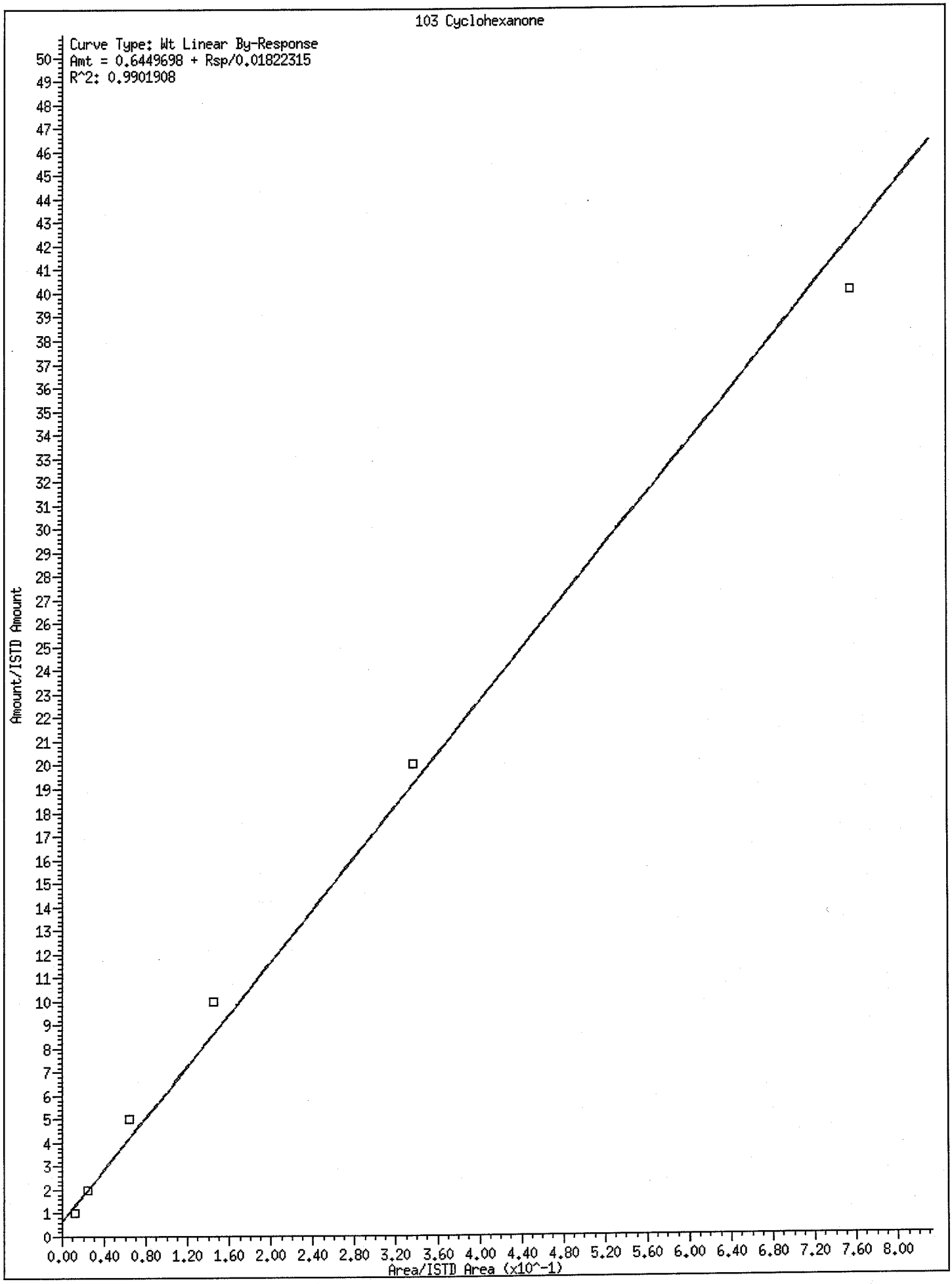

78 sec-Butylbenzene
Curve Type: Wt Linear By-Response
Amt = 0.0356834 + Rsp/2.772679
R^2: 0.9970982
Amount/ISTD Amount
Area/ISTD Area

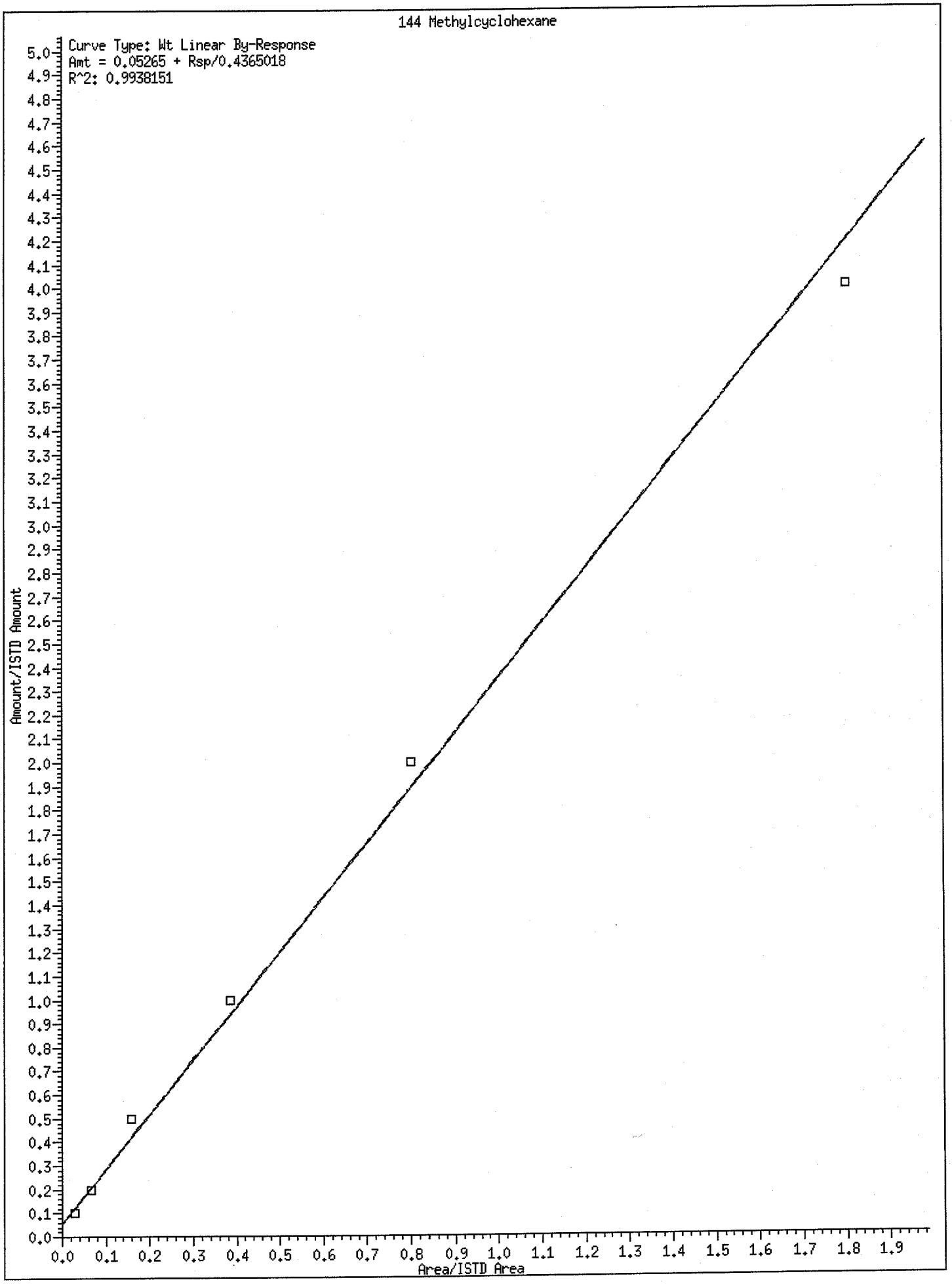

79 4-Isopropyltoluene
Curve Type: Wt Linear By-Response
Amt = 0.043521 + Rsp/2.423192
R^2: 0.9967745
Amount/ISTD Amount
Area/ISTD Area

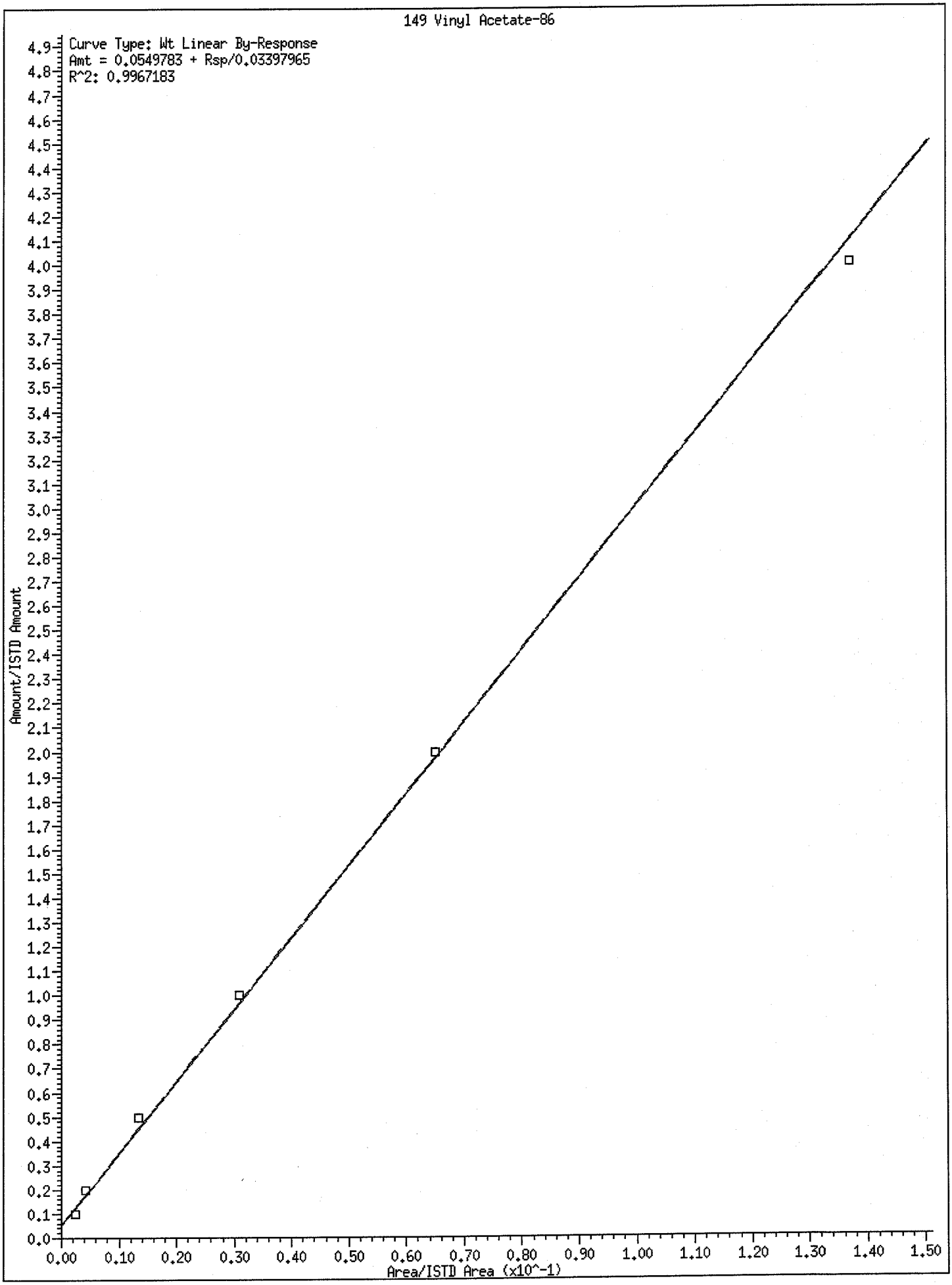

82 n-Butylbenzene
Curve Type: Wt Linear By-Response
Amt = 0.0361773 + Rsp/1.876827
R^2: 0.9924986
Amount/ISTD Amount
Area/ISTD Area

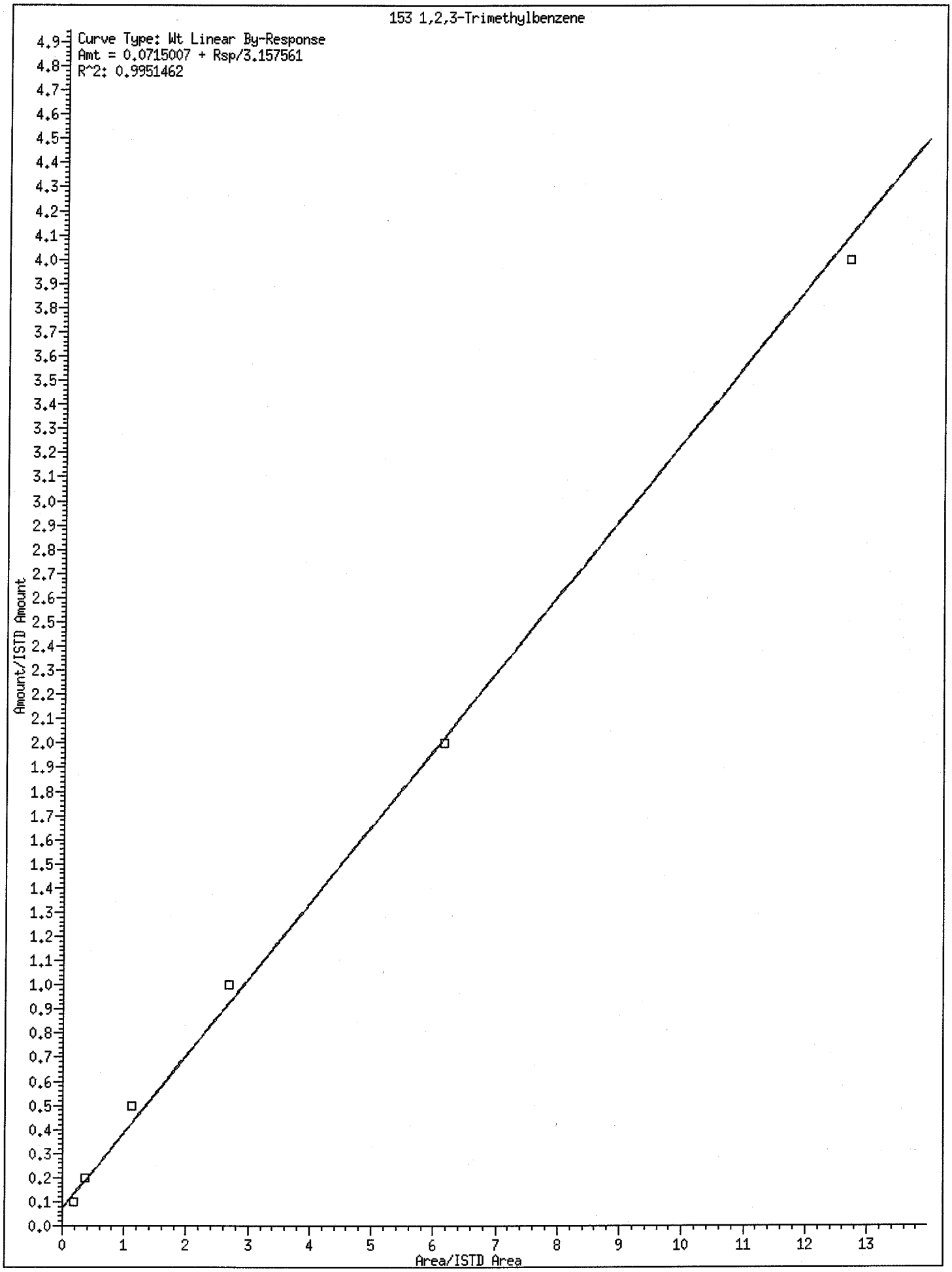

87 Naphthalene
Curve Type: Wt Linear By-Response
Amt = 0.0679899 + Rsp/1.623696
R^2: 0.9955052
Amount/ISTD Amount
Area/ISTD Area


99 n-Butanol
Curve Type: Wt Linear By-Response
Amt = 0.6729572 + Rsp/0.005018537
R^2: 0.9933623
Amount/ISTD Amount
0
10
20
30
40
50
60
70
80
90
100
0.00
0.30
0.60
0.90
1.20
1.50
1.80
2.10
2.40
2.70
3.00
3.30
3.60
3.90
4.20
4.50
Area/ISTD Area (x10^-1)


103 Cyclohexanone
Curve Type: Wt Linear By-Response
Amt = 0.6449698 + Rsp/0.01822315
R^2: 0.9901908
Amount/ISTD Amount
Area/ISTD Area (x10^-1)


144 Methylcyclohexane
Curve Type: Wt Linear By-Response
Amt = 0.05265 + Rsp/0.4365018
R^2: 0.9938151
Amount/ISTD Amount
Area/ISTD Area


149 Vinyl Acetate-86
Curve Type: Wt Linear By-Response
Amt = 0.0549783 + Rsp/0.03397965
R^2: 0.9967183
Amount/ISTD Amount
Area/ISTD Area (x10^-1)


153 1,2,3-Trimethylbenzene
Curve Type: Wt Linear By-Response
Amt = 0.0715007 + Rsp/3.157561
R^2: 0.9951462
Amount/ISTD Amount
Area/ISTD Area

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6400.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6400.D
Lab Smp Id: 200NG-IC
Inj Date : 25-MAY-2010 11:08
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 200NG-IC
Misc Info : M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,6
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:17 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 15:28 Cal File: UXM6412.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1501018	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1150608	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	690328	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	1668331	200.000	207.18
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	1968770	200.000	193.29
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	6546988	200.000	216.44
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	2420868	200.000	228.64
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	1451919	200.000	213.24
9 Chloromethane	50	1.790	1.790	(0.313)	1996172	200.000	189.35
10 Vinyl Chloride	62	1.909	1.909	(0.334)	2152222	200.000	202.10
11 Bromomethane	94	2.264	2.264	(0.396)	1190552	200.000	197.28
12 Chloroethane	64	2.359	2.359	(0.413)	1317955	200.000	202.42
13 Trichlorofluoromethane	101	2.608	2.608	(0.456)	1910528	200.000	208.67
15 Acrolein	56	3.035	3.035	(0.531)	1745328	2000.00	2113.6
16 Acetone	43	3.189	3.189	(0.558)	1009851	400.000	403.64
17 1,1-Dichloroethene	96	3.118	3.118	(0.546)	1527049	200.000	209.11
18 Freon-113	151	3.130	3.130	(0.548)	1233846	200.000	206.99
19 Iodomethane	142	3.272	3.272	(0.573)	2858052	200.000	207.03
20 Carbon Disulfide	76	3.332	3.332	(0.583)	5093139	200.000	221.82
21 Methylene Chloride	84	3.581	3.581	(0.627)	1968794	200.000	205.56
22 Acetonitrile	41	3.450	3.450	(0.604)	1687143	2000.00	1985.2
23 Acrylonitrile	53	3.818	3.818	(0.668)	1065539	400.000	419.66

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6400.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	2412968	200.000	207.38
25 trans-1,2-Dichloroethene	96	3.830	3.830	(0.670)	1908448	200.000	207.64
26 Hexane	86	4.067	4.067	(0.712)	311286	200.000	233.49
27 Vinyl acetate	43	4.245	4.245	(0.743)	1771588	200.000	235.84
28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	3035711	200.000	202.64
29 tert-Butyl Alcohol	59	3.687	3.687	(0.645)	1146659	4000.00	4064.0
30 2-Butanone	43	4.731	4.731	(0.828)	1139743	400.000	395.74
32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	1989936	200.000	211.57
33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	1683804	200.000	211.74
34 Bromochloromethane	128	4.932	4.932	(0.863)	947489	200.000	201.80
35 Chloroform	83	4.992	4.992	(0.873)	3201012	200.000	201.37
36 Tetrahydrofuran	42	4.968	4.968	(0.869)	322072	200.000	196.32
37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	2549461	200.000	211.53
38 1,1-Dichloropropene	75	5.288	5.288	(0.925)	2390800	200.000	219.80
39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	2360269	200.000	218.04
40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	2397883	200.000	198.17
41 Benzene	78	5.478	5.478	(0.959)	7444239	200.000	208.36
42 Trichloroethene	130	6.023	6.023	(1.054)	1871311	200.000	206.04
43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	1629602	200.000	205.56
44 1,4-Dioxane	88	6.344	6.344	(1.110)	588883	10000.0	10686
45 Dibromomethane	93	6.332	6.332	(1.108)	956411	200.000	198.63
46 Bromodichloromethane	83	6.462	6.462	(1.131)	2191234	200.000	216.76
47 2-Chloroethyl vinyl ether	63	6.699	6.699	(1.172)	1418847	400.000	406.92
48 cis-1,3-Dichloropropene	75	6.842	6.842	(1.197)	2390319	200.000	234.09
49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	2218219	400.000	466.60
50 Toluene	91	7.150	7.150	(0.850)	8013039	200.000	214.90
51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	2083186	200.000	231.54
52 Ethyl Methacrylate	69	7.399	7.399	(0.880)	1781163	200.000	204.29
53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	1393658	200.000	198.10
54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	2507806	200.000	203.25
55 Tetrachloroethene	164	7.648	7.648	(0.910)	1547736	200.000	202.61
56 2-Hexanone	43	7.719	7.719	(0.918)	1465153	400.000	406.69
57 Dibromochloromethane	129	7.873	7.873	(0.937)	1538311	200.000	219.00
58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	1328224	200.000	209.68
59 Chlorobenzene	112	8.443	8.443	(1.004)	5083764	200.000	204.20
60 1,1,1,2-Tetrachloroethane	131	8.502	8.502	(1.011)	1797513	200.000	212.56
61 Ethylbenzene	106	8.526	8.526	(1.014)	2818567	200.000	231.94
62 m + p-Xylene	106	8.632	8.632	(1.027)	7134864	400.000	459.24
64 Xylene-o	106	9.012	9.012	(1.072)	3504431	200.000	213.58
65 Styrene	104	9.024	9.024	(1.073)	5914646	200.000	214.41
66 Bromoform	173	9.225	9.225	(1.097)	909221	200.000	230.61
67 Isopropylbenzene	105	9.356	9.356	(1.113)	8668243	200.000	216.48
68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	1700264	200.000	187.20
69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	437457	200.000	230.62
70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	506584	200.000	185.91
71 Bromobenzene	156	9.676	9.676	(0.909)	2229807	200.000	211.64
72 n-Propylbenzene	120	9.759	9.759	(0.916)	2283113	200.000	205.44
73 2-Chlorotoluene	126	9.854	9.854	(0.925)	2067177	200.000	214.73
74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	7224149	200.000	204.48
75 4-Chlorotoluene	126	9.960	9.960	(0.935)	2158101	200.000	214.01
76 tert-Butylbenzene	119	10.245	10.245	(0.962)	5806220	200.000	210.64
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	7538968	200.000	205.11
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	7920858	200.000	208.70
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	6877888	200.000	207.76

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6400.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	4140116	200.000	202.34
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	4195246	200.000	196.23
82 n-Butylbenzene	91	11.004	11.004	(1.033)	5486179	200.000	213.53
83 1,2-Dichlorobenzene	146	11.051	11.051	(1.038)	4021365	200.000	198.82
84 1,2-Dibromo-3-chloropropane	157	11.822	11.822	(1.110)	249624	200.000	202.73
85 1,2,4-Trichlorobenzene	180	12.652	12.652	(1.188)	2056826	200.000	210.80
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	925955	200.000	182.08
87 Naphthalene	128	12.913	12.913	(1.213)	4338905	200.000	196.95
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	1735158	200.000	190.68
98 Cyclohexane	56	5.205	5.205	(0.911)	3068493	200.000	241.60
143 Methyl Acetate	43	3.486	3.486	(0.610)	2165974	400.000	395.31
144 Methylcyclohexane	83	6.189	6.189	(1.083)	2710148	200.000	209.45
141 1,3,5-Trichlorobenzene	180	12.024	12.024	(1.129)	2456861	200.000	203.64
149 Vinyl Acetate-86	86	4.245	4.245	(0.743)	206075	200.000	204.77

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6400.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6400.D
Lab Smp Id: 200NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,6

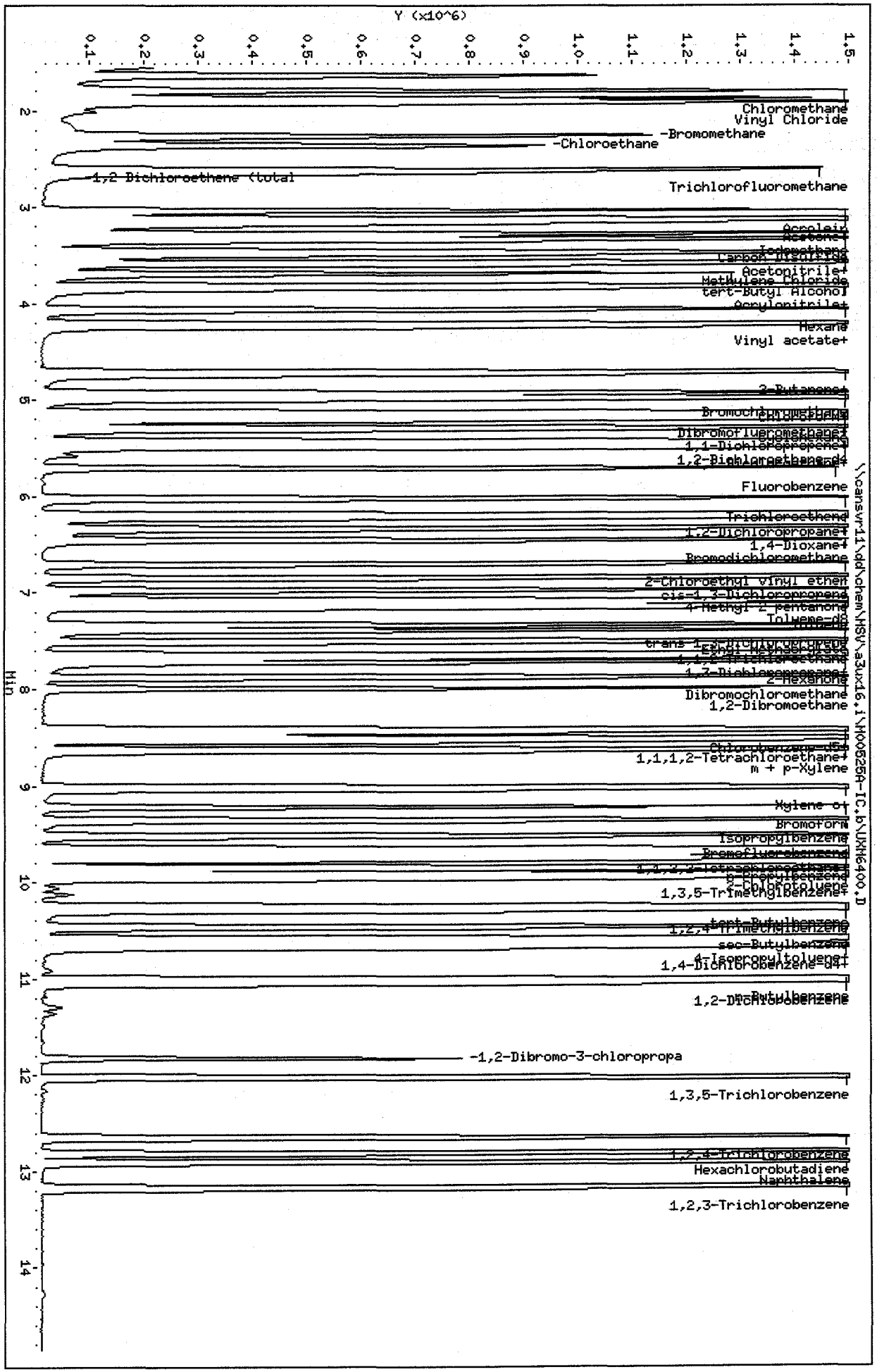
Calibration Date: 25-MAY-2010
Calibration Time: 14:23

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1599486	799743	3198972	1501018	-6.16
2 Chlorobenzene-d5	1046571	523286	2093142	1150608	9.94
3 1,4-Dichlorobenze	486268	243134	972536	690328	41.96

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	-0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	-0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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Date : 25-MAY-2010 11:08
Client ID:
Sample Info: 200NC-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
Chloromethane
Vinyl Chloride
-Bromomethane
-Chloroethane
-1,2 Dichloroethene (total
Trichlorofluoromethane
Acrolein
Acetone+
Iodomethane
Carbon Disulfide
Acetonitrile+
Methylene Chloride
tert-Butyl Alcohol
Acrylonitrile+
Hexane
Vinyl acetate+
2-Butanone+
Bromochloromethane
Chloroform
Dibromofluoromethane+
1,1-Dichloropropene+
1,2-Dichloroethane-d4
Fluorobenzene
Trichloroethene
1,2-Dichloropropane+
1,4-Dioxane+
Bromodichloromethane
2-Chloroethyl vinyl ether
cis-1,3-Dichloropropene
4-Methyl 2 pentanone
Toluene-d8
trans 1,3-Dichloropropene
Ethyl Methacrylate
1,1,2-Trichloroethane
1,3-Dichloropropane+
2-Hexanone
Dibromochloromethane
1,2-Dibromoethane
Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
m + p-Xylene
Xylene o+
Bromoform
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene-d4+
1,2-Dichlorobenzene
n-Butylbenzene
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6400.D

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6401.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6401.D
Lab Smp Id: 100NG-IC
Inj Date : 25-MAY-2010 11:29
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 100NG-IC
Misc Info : M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,5
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:17 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 13:40 Cal File: UXM6407.D
Als bottle: 2 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1550150	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1163307	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	671870	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	824142	100.000	99.099
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	1028208	100.000	97.746
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	3217160	100.000	105.20
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	1144908	100.000	106.95
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	710956	100.000	101.11
9 Chloromethane	50	1.790	1.790	(0.313)	1023633	100.000	94.022
10 Vinyl Chloride	62	1.909	1.909	(0.334)	1076812	100.000	97.911
11 Bromomethane	94	2.264	2.264	(0.396)	615850	100.000	98.814
12 Chloroethane	64	2.371	2.371	(0.415)	647199	100.000	96.252
13 Trichlorofluoromethane	101	2.620	2.620	(0.458)	965380	100.000	102.10
15 Acrolein	56	3.035	3.035	(0.531)	883146	1000.00	1035.6
16 Acetone	43	3.189	3.189	(0.558)	530728	200.000	202.87
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	755341	100.000	100.15
18 Freon-113	151	3.142	3.142	(0.550)	596859	100.000	96.956
19 Iodomethane	142	3.272	3.272	(0.573)	1412688	100.000	99.088
20 Carbon Disulfide	76	3.343	3.343	(0.585)	2390549	100.000	100.81
21 Methylene Chloride	84	3.581	3.581	(0.627)	988788	100.000	98.365
22 Acetonitrile	41	3.462	3.462	(0.606)	870236	1000.00	991.51
23 Acrylonitrile	53	3.818	3.818	(0.668)	539149	200.000	205.61

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6401.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	1282872	100.000	106.76
25 trans-1,2-Dichloroethene	96	3.830	3.830	(0.670)	937768	100.000	98.796
26 Hexane	86	4.067	4.067	(0.712)	145679	100.000	105.81
27 Vinyl acetate	43	4.245	4.245	(0.743)	875228	100.000	112.82
28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	1514728	100.000	97.905
29 tert-Butyl Alcohol	59	3.687	3.687	(0.645)	599623	2000.00	2057.8
30 2-Butanone	43	4.731	4.731	(0.828)	590048	200.000	198.38
32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	975541	100.000	100.43
33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	845799	100.000	102.99
34 Bromochloromethane	128	4.932	4.932	(0.863)	468996	100.000	96.724
35 Chloroform	83	4.992	4.992	(0.873)	1595678	100.000	97.201
36 Tetrahydrofuran	42	4.980	4.980	(0.871)	163698	100.000	96.619
37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	1251830	100.000	100.57
38 1,1-Dichloropropene	75	5.300	5.300	(0.927)	1160818	100.000	103.34
39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	1130418	100.000	101.12
40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	1195638	100.000	95.682
41 Benzene	78	5.478	5.478	(0.959)	3650621	100.000	98.941
42 Trichloroethene	130	6.023	6.023	(1.054)	921766	100.000	98.275
43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	816136	100.000	99.685
44 1,4-Dioxane	88	6.344	6.344	(1.110)	310764	5000.00	5460.7
45 Dibromomethane	93	6.332	6.332	(1.108)	486188	100.000	97.774
46 Bromodichloromethane	83	6.462	6.462	(1.131)	1060211	100.000	101.55
47 2-Chloroethyl vinyl ether	63	6.699	6.699	(1.172)	719207	200.000	202.84
48 cis-1,3-Dichloropropene	75	6.842	6.842	(1.197)	1145467	100.000	108.62
49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	1119766	200.000	228.08
50 Toluene	91	7.150	7.150	(0.850)	3967497	100.000	105.24
51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	994304	100.000	109.31
52 Ethyl Methacrylate	69	7.399	7.399	(0.880)	859993	100.000	99.073
53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	705563	100.000	99.197
54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	1248257	100.000	100.06
55 Tetrachloroethene	164	7.648	7.648	(0.910)	755636	100.000	97.838
56 2-Hexanone	43	7.719	7.719	(0.918)	741467	200.000	205.46
57 Dibromochloromethane	129	7.873	7.873	(0.937)	734854	100.000	103.48
58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	655026	100.000	102.28
59 Chlorobenzene	112	8.443	8.443	(1.004)	2489838	100.000	98.917
60 1,1,1,2-Tetrachloroethane	131	8.514	8.514	(1.013)	863345	100.000	100.98
61 Ethylbenzene	106	8.526	8.526	(1.014)	1362280	100.000	110.88
62 m + p-Xylene	106	8.632	8.632	(1.027)	3448868	200.000	219.57
64 Xylene-o	106	9.012	9.012	(1.072)	1647171	100.000	100.24
65 Styrene	104	9.024	9.024	(1.073)	2784462	100.000	100.96
66 Bromoform	173	9.225	9.225	(1.097)	418720	100.000	105.04
67 Isopropylbenzene	105	9.356	9.356	(1.113)	4086241	100.000	101.98
68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	844872	100.000	95.578
69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	206788	100.000	112.01
70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	258440	100.000	97.452
71 Bromobenzene	156	9.676	9.676	(0.909)	1056450	100.000	103.02
72 n-Propylbenzene	120	9.759	9.759	(0.916)	1103900	100.000	103.02
73 2-Chlorotoluene	126	9.854	9.854	(0.925)	994189	100.000	106.11
74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	3436620	100.000	100.94
75 4-Chlorotoluene	126	9.960	9.960	(0.935)	1023607	100.000	104.29
76 tert-Butylbenzene	119	10.245	10.245	(0.962)	2718885	100.000	102.25
77 1,2,4-Trimethylbenzene	105	10.292	10.292	(0.967)	3568493	100.000	100.82
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	3701220	100.000	101.12
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	3233503	100.000	101.48

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6401.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	1975855	100.000	99.219
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	2027458	100.000	97.441
82 n-Butylbenzene	91	11.004	11.004	(1.033)	2573384	100.000	103.85
83 1,2-Dichlorobenzene	146	11.051	11.051	(1.038)	1960833	100.000	99.609
84 1,2-Dibromo-3-chloropropane	157	11.834	11.834	(1.111)	124407	100.000	103.81
85 1,2,4-Trichlorobenzene	180	12.652	12.652	(1.188)	1050655	100.000	110.64
86 Hexachlorobutadiene	225	12.818	12.818	(1.204)	491835	100.000	99.370
87 Naphthalene	128	12.913	12.913	(1.213)	2229644	100.000	105.59
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	974930	100.000	110.08
98 Cyclohexane	56	5.205	5.205	(0.911)	1425505	100.000	108.68
143 Methyl Acetate	43	3.486	3.486	(0.610)	1110032	200.000	196.17
144 Methylcyclohexane	83	6.189	6.189	(1.083)	1246059	100.000	94.709
141 1,3,5-Trichlorobenzene	180	12.024	12.024	(1.129)	1204346	100.000	102.57
149 Vinyl Acetate-86	86	4.257	4.257	(0.745)	101093	100.000	98.711

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6401.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6401.D
Lab Smp Id: 100NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,5

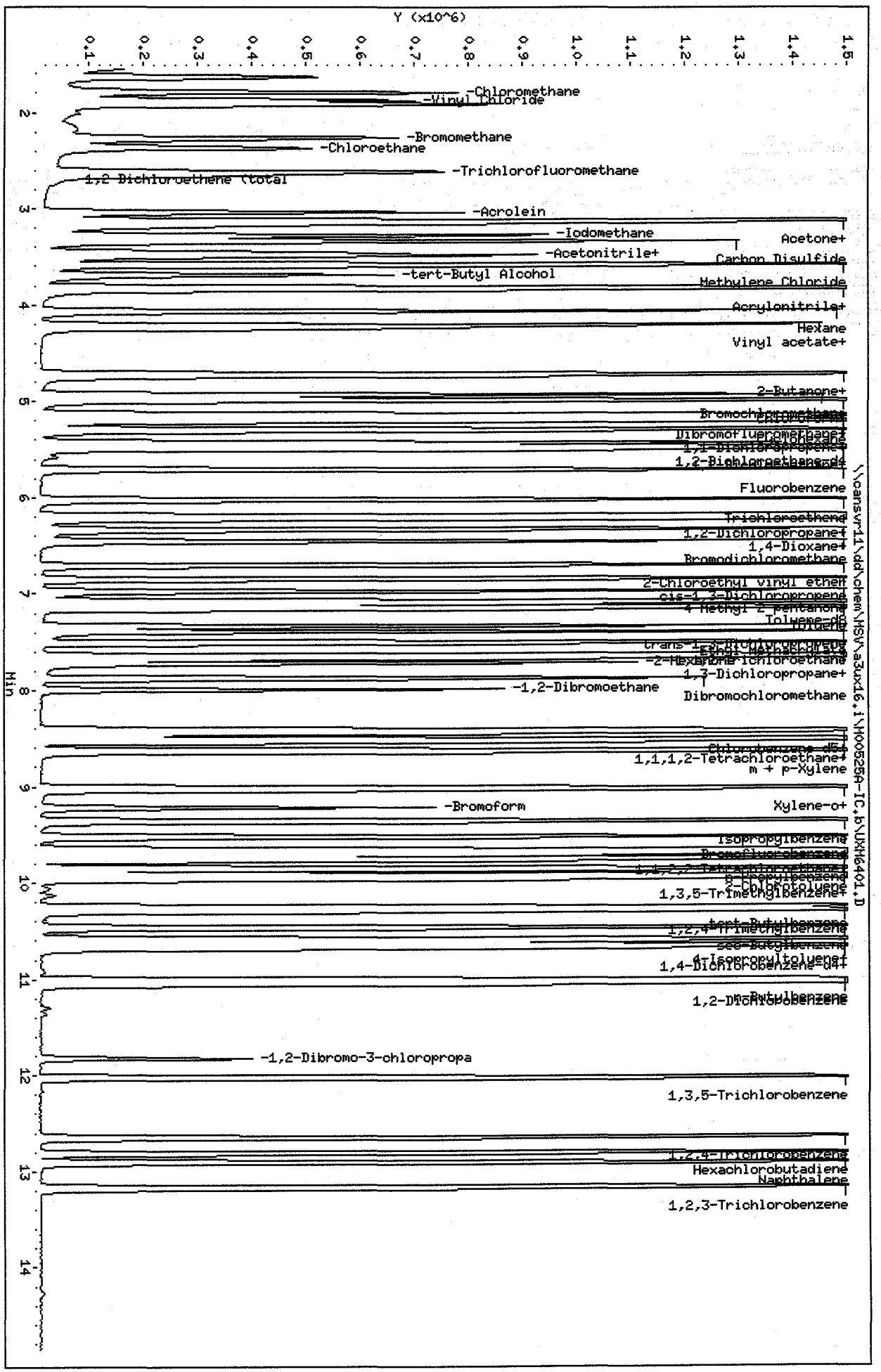
Calibration Date: 25-MAY-2010
Calibration Time: 14:23

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1599486	799743	3198972	1550150	-3.08
2 Chlorobenzene-d5	1046571	523286	2093142	1163307	11.15
3 1,4-Dichlorobenze	486268	243134	972536	671870	38.17

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	-0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	-0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6401.D
Date : 25-MAY-2010 11:29
Client ID:
Sample Info: 100NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
1,2-Dichloroethene (total
-Acrolein
-Iodomethane
Acetone+
-Acetonitrile+
Carbon Disulfide
-tert-Butyl Alcohol
Methylene Chloride
Acrylonitrile+
Hexane
Vinyl acetate+
2-Butanone+
Bromochloromethane
Chloroform
Dibromofluoromethane
Cyclohexane
1,1-Dichloropropene+
1,2-Dichloroethane-d4
Fluorobenzene
Trichloroethene
1,2-Dichloropropane+
1,4-Dioxane+
Bromodichloromethane
2-Chloroethyl vinyl ether
cis-1,3-Dichloropropene
4-Methyl-2-pentanone
Toluene-d8
Toluene
trans-1,3-Dichloropropene
Ethyl Methacrylate
-2-Hexanone
Chlorodibromomethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Dibromochloromethane
Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene-d4+
1,2-Dichlorobenzene
n-Butylbenzene
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
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Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D
Lab Smp Id: 50NG-IC
Inj Date : 25-MAY-2010 11:51
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 50NG-IC
Misc Info : M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,4
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:17 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:01 Cal File: UXM6408.D
Als bottle: 3 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1540816	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1141516	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	643517	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	398077	50.0000	48.157
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	505684	50.0000	48.364
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1514069	50.0000	50.453
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	535647	50.0000	50.992
8 Dichlorodifluoromethane	85	1.624	1.624	(0.284)	335398	50.0000	47.987
9 Chloromethane	50	1.790	1.790	(0.313)	498094	50.0000	46.028
10 Vinyl Chloride	62	1.909	1.909	(0.334)	517146	50.0000	47.307
11 Bromomethane	94	2.264	2.264	(0.396)	271529	50.0000	43.831
12 Chloroethane	64	2.359	2.359	(0.413)	293084	50.0000	43.852
13 Trichlorofluoromethane	101	2.620	2.620	(0.458)	428477	50.0000	45.590
15 Acrolein	56	3.035	3.035	(0.531)	438405	500.000	517.20
16 Acetone	43	3.189	3.189	(0.558)	275386	100.000	103.43
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	372157	50.0000	49.645
18 Freon-113	151	3.130	3.130	(0.548)	297793	50.0000	48.668
19 Iodomethane	142	3.272	3.272	(0.573)	692776	50.0000	48.886
20 Carbon Disulfide	76	3.343	3.343	(0.585)	1137702	50.0000	48.270
21 Methylene Chloride	84	3.581	3.581	(0.627)	509303	50.0000	49.471
22 Acetonitrile	41	3.462	3.462	(0.606)	433760	500.000	497.20
23 Acrylonitrile	53	3.818	3.818	(0.668)	276394	100.000	106.04

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	606845	50.0000	50.808
25 trans-1,2-Dichloroethene	96	3.830	3.830	(0.670)	465600	50.0000	49.349
26 Hexane	86	4.067	4.067	(0.712)	72285	50.0000	52.820
27 Vinyl acetate	43	4.245	4.245	(0.743)	406115	50.0000	52.667
28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	763482	50.0000	49.647
29 tert-Butyl Alcohol	59	3.687	3.687	(0.645)	311234	1000.00	1074.6
30 2-Butanone	43	4.731	4.731	(0.828)	295932	100.000	100.10
32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	486582	50.0000	50.396
33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	401914	50.0000	49.235
34 Bromochloromethane	128	4.933	4.933	(0.863)	237559	50.0000	49.290
35 Chloroform	83	4.992	4.992	(0.873)	802206	50.0000	49.162
36 Tetrahydrofuran	42	4.968	4.968	(0.869)	85129	50.0000	50.550
37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	607653	50.0000	49.115
38 1,1-Dichloropropene	75	5.300	5.300	(0.927)	571900	50.0000	51.220
39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	541213	50.0000	48.706
40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	614930	50.0000	49.509
41 Benzene	78	5.478	5.478	(0.959)	1831860	50.0000	49.949
42 Trichloroethene	130	6.023	6.023	(1.054)	456568	50.0000	48.972
43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	403239	50.0000	49.551
44 1,4-Dioxane	88	6.344	6.344	(1.110)	156163	2500.00	2760.7
45 Dibromomethane	93	6.332	6.332	(1.108)	243742	50.0000	49.314
46 Bromodichloromethane	83	6.462	6.462	(1.131)	515868	50.0000	49.711
47 2-Chloroethyl vinyl ether	63	6.699	6.699	(1.172)	319772	100.000	94.114
48 cis-1,3-Dichloropropene	75	6.842	6.842	(1.197)	536579	50.0000	51.191
49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	522170	100.000	107.00
50 Toluene	91	7.150	7.150	(0.850)	1915526	50.0000	51.780
51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	467308	50.0000	52.354
52 Ethyl Methacrylate	69	7.399	7.399	(0.880)	400448	50.0000	48.533
53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	349245	50.0000	50.038
54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	618915	50.0000	50.560
55 Tetrachloroethene	164	7.648	7.648	(0.910)	374610	50.0000	49.429
56 2-Hexanone	43	7.719	7.719	(0.918)	354731	100.000	102.11
57 Dibromochloromethane	129	7.873	7.873	(0.937)	350811	50.0000	50.342
58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	321457	50.0000	51.151
59 Chlorobenzene	112	8.443	8.443	(1.004)	1217117	50.0000	49.277
60 1,1,1,2-Tetrachloroethane	131	8.502	8.502	(1.011)	412963	50.0000	49.223
61 Ethylbenzene	106	8.526	8.526	(1.014)	631828	50.0000	52.406
62 m + p-Xylene	106	8.632	8.632	(1.027)	1663840	100.000	107.95
64 Xylene-o	106	9.012	9.012	(1.072)	777585	50.0000	49.146
65 Styrene	104	9.024	9.024	(1.073)	1298180	50.0000	49.080
66 Bromoform	173	9.225	9.225	(1.097)	197026	50.0000	50.370
67 Isopropylbenzene	105	9.356	9.356	(1.113)	1880993	50.0000	48.878
68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	438150	50.0000	51.750
69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	92833	50.0000	52.501
70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	131092	50.0000	51.610
71 Bromobenzene	156	9.676	9.676	(0.909)	507751	50.0000	51.697
72 n-Propylbenzene	120	9.759	9.759	(0.916)	514268	50.0000	51.092
73 2-Chlorotoluene	126	9.854	9.854	(0.925)	485111	50.0000	54.056
74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1639123	50.0000	51.241
75 4-Chlorotoluene	126	9.961	9.961	(0.935)	508278	50.0000	54.070
76 tert-Butylbenzene	119	10.245	10.245	(0.962)	1260027	50.0000	50.379
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1698538	50.0000	51.150
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	1739702	50.0000	50.535
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	1524203	50.0000	51.048

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	961042	50.0000	50.386
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	986453	50.0000	49.498
82 n-Butylbenzene	91	11.004	11.004	(1.033)	1153952	50.0000	49.581
83 1,2-Dichlorobenzene	146	11.051	11.051	(1.038)	967951	50.0000	51.338
84 1,2-Dibromo-3-chloropropane	157	11.822	11.822	(1.110)	60213	50.0000	52.458
85 1,2,4-Trichlorobenzene	180	12.652	12.652	(1.188)	479299	50.0000	52.697
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	241939	50.0000	51.035
87 Naphthalene	128	12.913	12.913	(1.213)	975852	50.0000	50.096
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	471552	50.0000	55.588
98 Cyclohexane	56	5.205	5.205	(0.911)	682689	50.0000	52.364
143 Methyl Acetate	43	3.486	3.486	(0.610)	580418	100.000	103.20
144 Methylcyclohexane	83	6.190	6.190	(1.083)	594191	50.0000	46.806
141 1,3,5-Trichlorobenzene	180	12.024	12.024	(1.129)	574634	50.0000	51.095
149 Vinyl Acetate-86	86	4.245	4.245	(0.743)	47560	50.0000	48.168

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6402.D
Lab Smp Id: 50NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,4

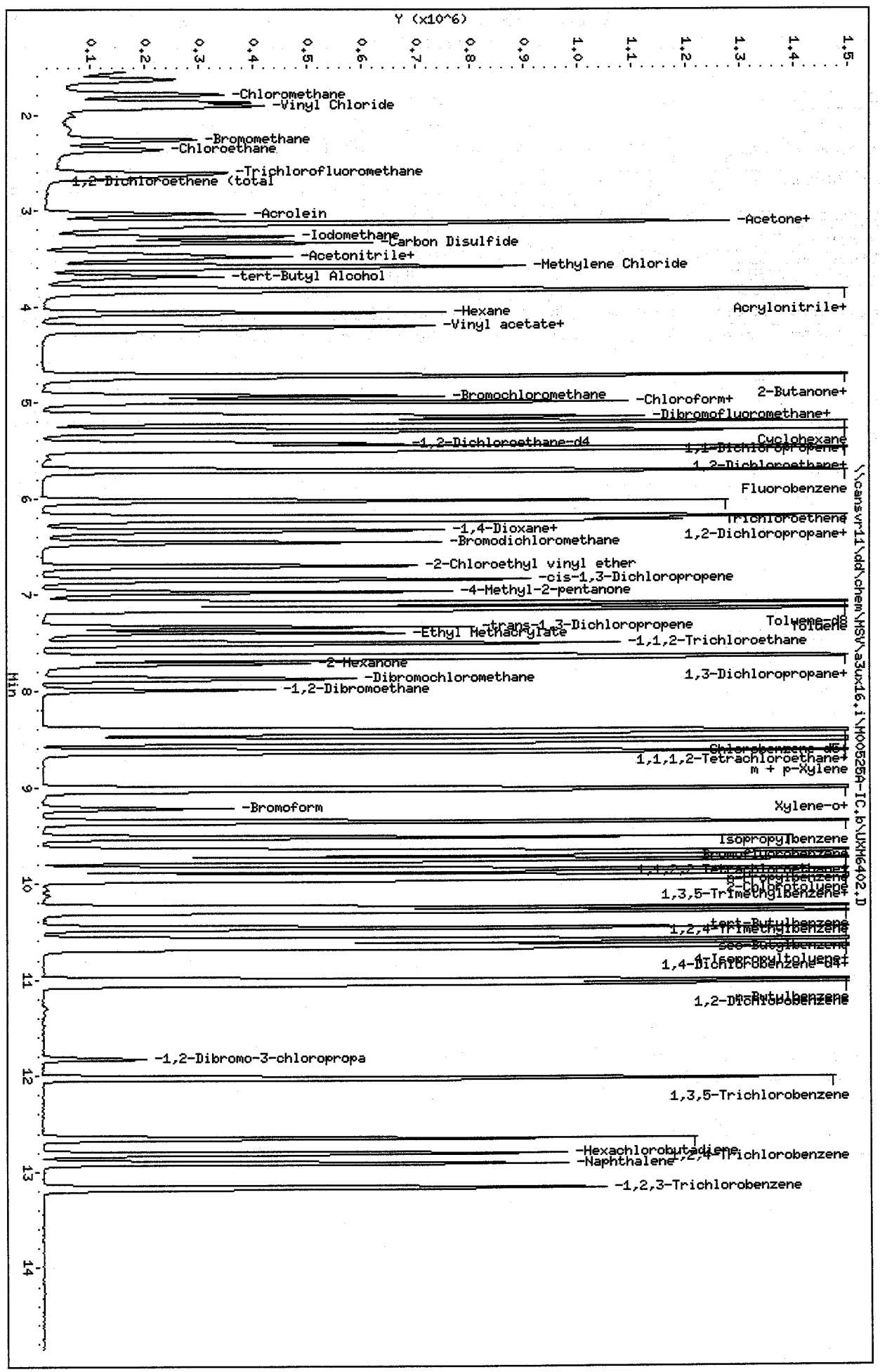
Calibration Date: 25-MAY-2010
Calibration Time: 11:51

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1540816	770408	3081632	1540816	0.00
2 Chlorobenzene-d5	1141516	570758	2283032	1141516	0.00
3 1,4-Dichlorobenze	643517	321759	1287034	643517	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D
Date : 25-MAY-2010 11:51
Client ID:
Sample Info: 50NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
1,2-Dichloroethene (total
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane
Acrylonitrile+
-Vinyl acetate+
-Bromochloromethane
-Chloroform+
2-Butanone+
-Dibromofluoromethane+
-1,2-Dichloroethane-d4
Cyclohexane
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene
Trichloroethene
-1,4-Dioxane+
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene-d4+
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
1,2,4-Trichlorobenzene
-1,2,3-Trichlorobenzene
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Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6403.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6403.D
Lab Smp Id: 25NG-IC
Inj Date : 25-MAY-2010 12:13
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 25NG-IC
Misc Info : M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:17 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 4 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1518964	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1104703	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	637539	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	195338	25.0000	23.971
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	248034	25.0000	24.063
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	714885	25.0000	24.616
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	245609	25.0000	24.160
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	175729	25.0000	25.504
9 Chloromethane	50	1.790	1.790	(0.313)	259862	25.0000	24.359
10 Vinyl Chloride	62	1.909	1.909	(0.334)	267875	25.0000	24.857
11 Bromomethane	94	2.264	2.264	(0.396)	153971	25.0000	25.212
12 Chloroethane	64	2.371	2.371	(0.415)	161861	25.0000	24.566
13 Trichlorofluoromethane	101	2.620	2.620	(0.459)	231058	25.0000	24.938
15 Acrolein	56	3.035	3.035	(0.531)	210529	250.000	251.94
16 Acetone	43	3.189	3.189	(0.558)	128973	50.0000	46.425
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	179915	25.0000	24.346
18 Freon-113	151	3.130	3.130	(0.548)	138217	25.0000	22.914
19 Iodomethane	142	3.284	3.284	(0.575)	332906	25.0000	23.830
20 Carbon Disulfide	76	3.344	3.344	(0.585)	542895	25.0000	23.365
21 Methylene Chloride	84	3.593	3.593	(0.629)	259556	25.0000	24.069
22 Acetonitrile	41	3.462	3.462	(0.606)	211994	250.000	246.50
23 Acrylonitrile	53	3.818	3.818	(0.668)	126251	50.0000	49.136

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6403.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	272871	25.0000	23.175
25 trans-1,2-Dichloroethene	96	3.842	3.842	(0.672)	223070	25.0000	23.983
26 Hexane	86	4.067	4.067	(0.712)	30107	25.0000	22.316
27 Vinyl acetate	43	4.245	4.245	(0.743)	178967	25.0000	23.543
28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	362707	25.0000	23.925
29 tert-Butyl Alcohol	59	3.687	3.687	(0.645)	134433	500.000	470.82
30 2-Butanone	43	4.731	4.731	(0.828)	141549	50.0000	48.567
32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	227749	25.0000	23.928
33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	189482	25.0000	23.546
34 Bromochloromethane	128	4.933	4.933	(0.863)	112243	25.0000	23.624
35 Chloroform	83	4.992	4.992	(0.873)	381156	25.0000	23.695
36 Tetrahydrofuran	42	4.980	4.980	(0.871)	39449	25.0000	23.762
37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	287465	25.0000	23.569
38 1,1-Dichloropropene	75	5.300	5.300	(0.927)	262301	25.0000	23.830
39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	255710	25.0000	23.344
40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	299887	25.0000	24.492
41 Benzene	78	5.478	5.478	(0.959)	860723	25.0000	23.807
42 Trichloroethene	130	6.024	6.024	(1.054)	218108	25.0000	23.731
43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	189485	25.0000	23.619
44 1,4-Dioxane	88	6.344	6.344	(1.110)	68491	1250.00	1228.2
45 Dibromomethane	93	6.332	6.332	(1.108)	117815	25.0000	24.179
46 Bromodichloromethane	83	6.462	6.462	(1.131)	242907	25.0000	23.744
47 2-Chloroethyl vinyl ether	63	6.711	6.711	(1.174)	131816	50.0000	42.912
48 cis-1,3-Dichloropropene	75	6.854	6.854	(1.199)	241590	25.0000	23.380
49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	225832	50.0000	46.943
50 Toluene	91	7.150	7.150	(0.850)	888071	25.0000	24.806
51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	208119	25.0000	24.093
52 Ethyl Methacrylate	69	7.399	7.399	(0.880)	162376	25.0000	22.016
53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	165762	25.0000	24.541
54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	291788	25.0000	24.631
55 Tetrachloroethene	164	7.648	7.648	(0.910)	178013	25.0000	24.271
56 2-Hexanone	43	7.719	7.719	(0.918)	153871	50.0000	47.855
57 Dibromochloromethane	129	7.874	7.874	(0.937)	160950	25.0000	23.866
58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	148887	25.0000	24.480
59 Chlorobenzene	112	8.443	8.443	(1.004)	575076	25.0000	24.059
60 1,1,1,2-Tetrachloroethane	131	8.514	8.514	(1.013)	188272	25.0000	23.189
61 Ethylbenzene	106	8.526	8.526	(1.014)	283358	25.0000	24.286
62 m + p-Xylene	106	8.632	8.632	(1.027)	745442	50.0000	49.975
64 Xylene-o	106	9.012	9.012	(1.072)	346656	25.0000	23.597
65 Styrene	104	9.024	9.024	(1.073)	569309	25.0000	23.396
66 Bromoform	173	9.225	9.225	(1.097)	89211	25.0000	23.567
67 Isopropylbenzene	105	9.356	9.356	(1.113)	804724	25.0000	22.699
68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	200569	25.0000	23.912
69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	40693	25.0000	23.229
70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	59554	25.0000	23.666
71 Bromobenzene	156	9.676	9.676	(0.909)	233886	25.0000	24.037
72 n-Propylbenzene	120	9.759	9.759	(0.916)	220736	25.0000	23.219
73 2-Chlorotoluene	126	9.854	9.854	(0.925)	223425	25.0000	25.130
74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	719922	25.0000	23.799
75 4-Chlorotoluene	126	9.961	9.961	(0.935)	233272	25.0000	25.048
76 tert-Butylbenzene	119	10.245	10.245	(0.962)	535418	25.0000	22.606
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	738203	25.0000	23.606
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	747161	25.0000	22.918
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	645981	25.0000	23.083

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6403.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	456709	25.0000	24.169
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	472517	25.0000	23.932
82 n-Butylbenzene	91	11.004	11.004	(1.033)	483739	25.0000	22.023
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	453154	25.0000	24.260
84 1,2-Dibromo-3-chloropropane	157	11.822	11.822	(1.110)	27297	25.0000	24.004
85 1,2,4-Trichlorobenzene	180	12.652	12.652	(1.188)	211988	25.0000	23.526
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	110429	25.0000	23.512
87 Naphthalene	128	12.913	12.913	(1.213)	359126	25.0000	20.746
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	206090	25.0000	24.522
98 Cyclohexane	56	5.205	5.205	(0.911)	292869	25.0000	22.787
143 Methyl Acetate	43	3.498	3.498	(0.612)	273966	50.0000	49.410
144 Methylcyclohexane	83	6.190	6.190	(1.083)	242361	25.0000	20.909
141 1,3,5-Trichlorobenzene	180	12.024	12.024	(1.129)	267215	25.0000	23.983
149 Vinyl Acetate-86	86	4.257	4.257	(0.745)	20247	25.0000	22.363

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6403.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6403.D
Lab Smp Id: 25NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Calibration Date: 25-MAY-2010
Calibration Time: 11:51
Level: LOW
Sample Type: WATER
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,3

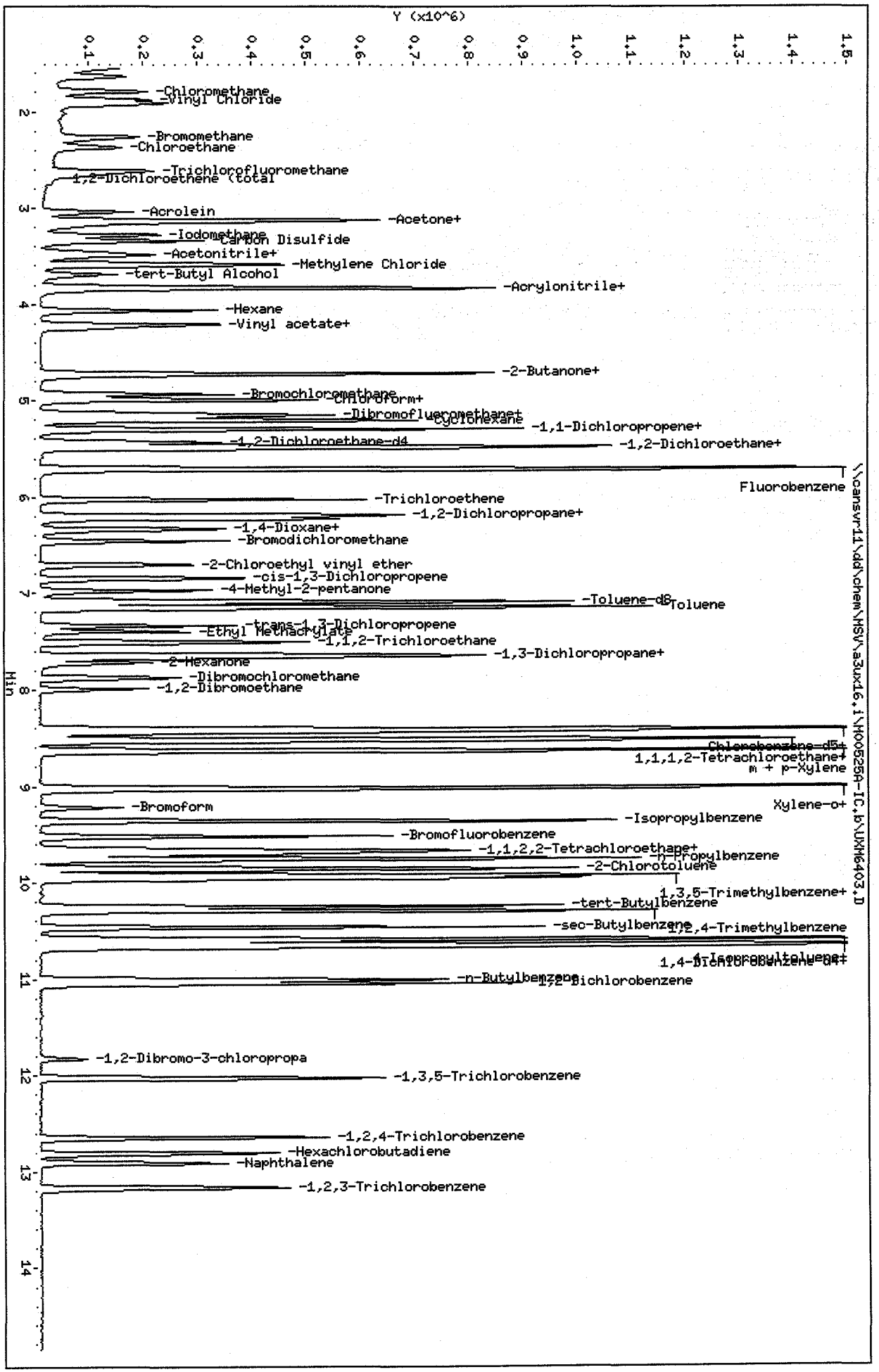
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1540816	770408	3081632	1518964	-1.42
2 Chlorobenzene-d5	1141516	570758	2283032	1104703	-3.22
3 1,4-Dichlorobenze	643517	321759	1287034	637539	-0.93

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6403.D
Date : 25-MAY-2010 12:13
Client ID:
Sample Info: 25NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6404.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6404.D
Lab Smp Id: 10NG-IC
Inj Date : 25-MAY-2010 12:35
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 10NG-IC
Misc Info : M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:17 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:44 Cal File: UXM6410.D
Als bottle: 5 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1418569	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1047530	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	587717	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	73682	10.0000	9.682
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	96285	10.0000	10.002
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	250603	10.0000	9.100
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	87397	10.0000	9.066
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	67873	10.0000	10.548
9 Chloromethane	50	1.790	1.790	(0.313)	109171	10.0000	10.958
10 Vinyl Chloride	62	1.909	1.909	(0.334)	105582	10.0000	10.491
11 Bromomethane	94	2.264	2.264	(0.396)	64863	10.0000	11.373
12 Chloroethane	64	2.371	2.371	(0.415)	69842	10.0000	11.350
13 Trichlorofluoromethane	101	2.620	2.620	(0.459)	91933	10.0000	10.624
15 Acrolein	56	3.047	3.047	(0.533)	76235	100.000	97.686
16 Acetone	43	3.189	3.189	(0.558)	58478	20.0000	19.880
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	68336	10.0000	9.901
18 Freon-113	151	3.142	3.142	(0.550)	58119	10.0000	10.317
19 Iodomethane	142	3.284	3.284	(0.575)	136572	10.0000	10.468
20 Carbon Disulfide	76	3.344	3.344	(0.585)	220827	10.0000	10.176
21 Methylene Chloride	84	3.593	3.593	(0.629)	121038	10.0000	10.458
22 Acetonitrile	41	3.462	3.462	(0.606)	82897	100.000	103.21
23 Acrylonitrile	53	3.818	3.818	(0.668)	46488	20.0000	19.373

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6404.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	110914	10.0000	10.087
25 trans-1,2-Dichloroethene	96	3.842	3.842	(0.672)	86846	10.0000	9.998
26 Hexane	86	4.067	4.067	(0.712)	11934	10.0000	9.472
27 Vinyl acetate	43	4.245	4.245	(0.743)	60655	10.0000	8.544
28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	144305	10.0000	10.192
29 tert-Butyl Alcohol	59	3.687	3.687	(0.645)	53205	200.000	199.53
30 2-Butanone	43	4.731	4.731	(0.828)	51472	20.0000	18.910
32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	89695	10.0000	10.090
33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	75647	10.0000	10.065
34 Bromochloromethane	128	4.933	4.933	(0.863)	45238	10.0000	10.195
35 Chloroform	83	4.992	4.992	(0.873)	155808	10.0000	10.371
36 Tetrahydrofuran	42	4.980	4.980	(0.871)	16445	10.0000	10.607
37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	114743	10.0000	10.074
38 1,1-Dichloropropene	75	5.300	5.300	(0.927)	99397	10.0000	9.669
39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	103297	10.0000	10.097
40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	119110	10.0000	10.416
41 Benzene	78	5.478	5.478	(0.959)	341359	10.0000	10.110
42 Trichloroethene	130	6.024	6.024	(1.054)	88598	10.0000	10.322
43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	75469	10.0000	10.073
44 1,4-Dioxane	88	6.344	6.344	(1.110)	26737	500.000	513.40
45 Dibromomethane	93	6.332	6.332	(1.108)	47068	10.0000	10.344
46 Bromodichloromethane	83	6.462	6.462	(1.131)	93357	10.0000	9.772
47 2-Chloroethyl vinyl ether	63	6.700	6.700	(1.172)	42608	20.0000	18.851
48 cis-1,3-Dichloropropene	75	6.842	6.842	(1.197)	86821	10.0000	8.997
49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	76849	20.0000	17.105
50 Toluene	91	7.150	7.150	(0.850)	326210	10.0000	9.609
51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	72962	10.0000	8.908
52 Ethyl Methacrylate	69	7.399	7.399	(0.880)	51033	10.0000	9.232
53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	63732	10.0000	9.950
54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	111422	10.0000	9.919
55 Tetrachloroethene	164	7.648	7.648	(0.910)	69935	10.0000	10.056
56 2-Hexanone	43	7.719	7.719	(0.918)	48697	20.0000	18.492
57 Dibromochloromethane	129	7.874	7.874	(0.937)	59363	10.0000	9.283
58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	55154	10.0000	9.564
59 Chlorobenzene	112	8.443	8.443	(1.004)	226877	10.0000	10.010
60 1,1,1,2-Tetrachloroethane	131	8.502	8.502	(1.011)	77179	10.0000	10.025
61 Ethylbenzene	106	8.526	8.526	(1.014)	97885	10.0000	8.847
62 m + p-Xylene	106	8.632	8.632	(1.027)	256841	20.0000	18.159
64 Xylene-o	106	9.012	9.012	(1.072)	118318	10.0000	9.629
65 Styrene	104	9.024	9.024	(1.073)	187265	10.0000	9.496
66 Bromoform	173	9.225	9.225	(1.097)	32643	10.0000	9.094
67 Isopropylbenzene	105	9.356	9.356	(1.113)	276718	10.0000	9.478
68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	78689	10.0000	10.176
69 1,4-Dichloro-2-butene	53	9.712	9.712	(0.912)	15037	10.0000	9.311
70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	23069	10.0000	9.944
71 Bromobenzene	156	9.676	9.676	(0.909)	84884	10.0000	9.463
72 n-Propylbenzene	120	9.759	9.759	(0.916)	71426	10.0000	9.390
73 2-Chlorotoluene	126	9.854	9.854	(0.925)	77906	10.0000	9.505
74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	232135	10.0000	9.588
75 4-Chlorotoluene	126	9.961	9.961	(0.935)	82937	10.0000	9.660
76 tert-Butylbenzene	119	10.245	10.245	(0.962)	186426	10.0000	9.626
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	241194	10.0000	9.709
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	264057	10.0000	9.886
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	211417	10.0000	9.599

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6404.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	179874	10.0000	10.326
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	191814	10.0000	10.539
82 n-Butylbenzene	91	11.004	11.004	(1.033)	169913	10.0000	9.511
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	174401	10.0000	10.128
84 1,2-Dibromo-3-chloropropane	157	11.822	11.822	(1.110)	9891	10.0000	9.435
85 1,2,4-Trichlorobenzene	180	12.653	12.653	(1.188)	78770	10.0000	9.483
86 Hexachlorobutadiene	225	12.819	12.819	(1.204)	46740	10.0000	10.796
87 Naphthalene	128	12.913	12.913	(1.213)	112959	10.0000	9.318
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	74238	10.0000	9.582
98 Cyclohexane	56	5.205	5.205	(0.911)	109564	10.0000	9.128
143 Methyl Acetate	43	3.498	3.498	(0.612)	106081	20.0000	20.486
144 Methylcyclohexane	83	6.190	6.190	(1.083)	94708	10.0000	10.280
141 1,3,5-Trichlorobenzene	180	12.024	12.024	(1.129)	104212	10.0000	10.146
149 Vinyl Acetate-86	86	4.257	4.257	(0.745)	5776	10.0000	8.740

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6404.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

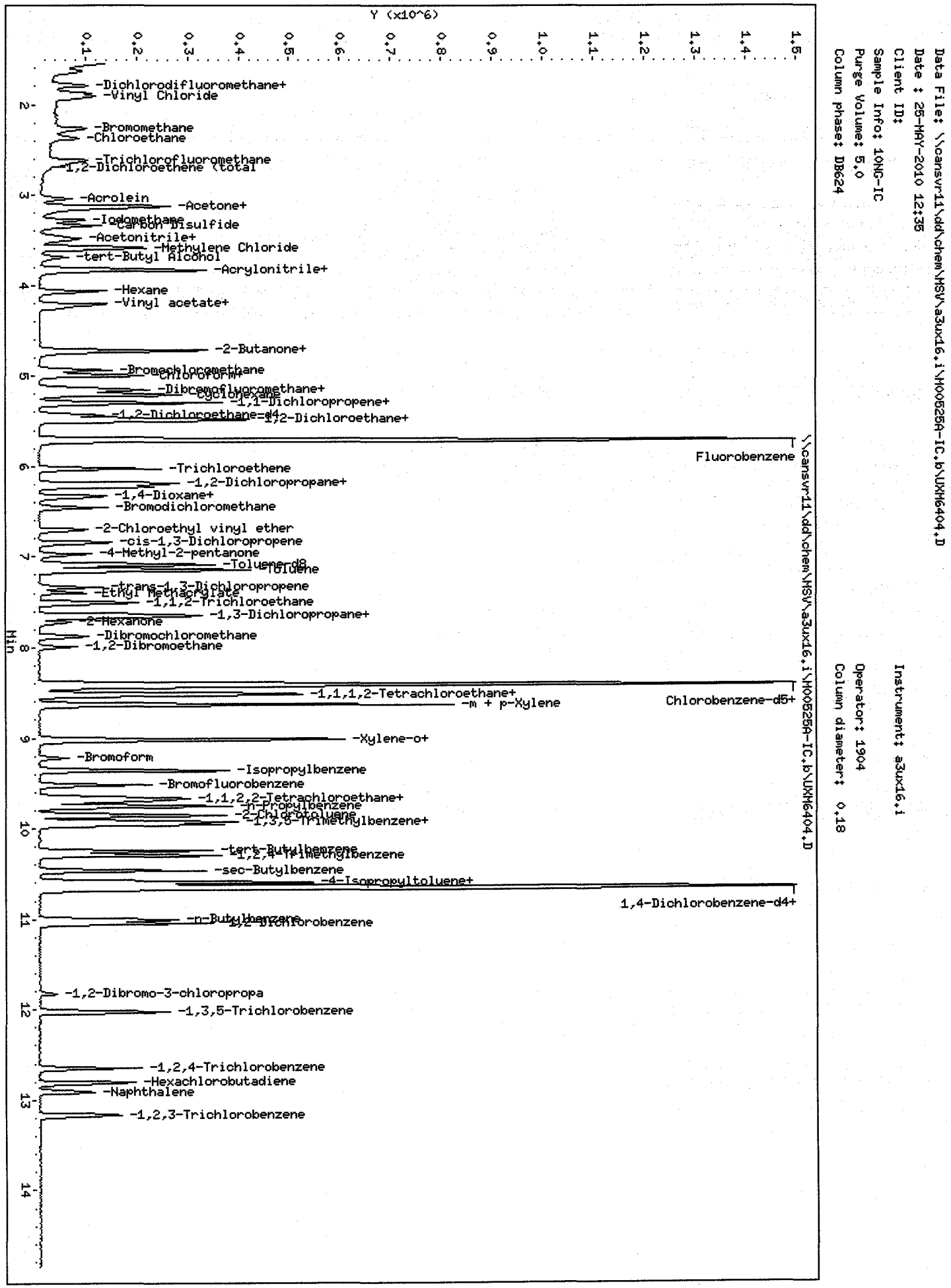
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6404.D
Lab Smp Id: 10NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Calibration Date: 25-MAY-2010
Calibration Time: 11:51
Level: LOW
Sample Type: WATER
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,2

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1540816	770408	3081632	1418569	-7.93
2 Chlorobenzene-d5	1141516	570758	2283032	1047530	-8.23
3 1,4-Dichlorobenze	643517	321759	1287034	587717	-8.67

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\H00525A-IC.b\UXH6404.D
Date : 25-MAY-2010 12:35
Client ID:
Sample Info: 10NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-1,2-Dichloroethene (total
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane
-Chloroform+
-Dibromofluoromethane+
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane+
Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
-Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-1,1,1,2-Tetrachloroethane+
-m + p-Xylene
Chlorobenzene-d5+
-Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-n-Propylbenzene
-2-Chlorotoluene
-1,3,5-Trimethylbenzene+
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-4-Isopropyltoluene+
1,4-Dichlorobenzene-d4+
-n-Butylbenzene
-1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
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Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6405.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6405.D
Lab Smp Id: 5NG-IC
Inj Date : 25-MAY-2010 12:56
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 5NG-IC
Misc Info : M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,1
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:17 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 15:06 Cal File: UXM6411.D
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1456157	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1057213	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	561558	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	42302	5.00000	5.415
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	55634	5.00000	5.630
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	133711	5.00000	4.811
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	43508	5.00000	4.472
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	29327	5.00000	4.440
9 Chloromethane	50	1.790	1.790	(0.313)	57391	5.00000	5.612
10 Vinyl Chloride	62	1.909	1.909	(0.334)	52734	5.00000	5.104
11 Bromomethane	94	2.264	2.264	(0.396)	29362	5.00000	5.015
12 Chloroethane	64	2.359	2.359	(0.413)	32549	5.00000	5.153
13 Trichlorofluoromethane	101	2.620	2.620	(0.458)	42809	5.00000	4.820
15 Acrolein	56	3.035	3.035	(0.531)	35592	50.0000	44.430
16 Acetone	43	3.189	3.189	(0.558)	36662	10.0000	10.129
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	35282	5.00000	4.980
18 Freon-113	151	3.130	3.130	(0.548)	31050	5.00000	5.369
19 Iodomethane	142	3.272	3.272	(0.573)	66713	5.00000	4.981
20 Carbon Disulfide	76	3.344	3.344	(0.585)	107492	5.00000	4.826
21 Methylene Chloride	84	3.581	3.581	(0.627)	73635	5.00000	4.929
22 Acetonitrile	41	3.462	3.462	(0.606)	41363	50.0000	50.169
23 Acrylonitrile	53	3.818	3.818	(0.668)	22439	10.0000	9.110

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6405.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	53256	5.00000	4.718
25 trans-1,2-Dichloroethene	96	3.830	3.830	(0.670)	45818	5.00000	5.138
26 Hexane	86	4.067	4.067	(0.712)	5679	5.00000	4.391
27 Vinyl acetate	43	4.245	4.245	(0.743)	30719	5.00000	4.215
28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	75470	5.00000	5.193
29 tert-Butyl Alcohol	59	3.687	3.687	(0.645)	25764	100.000	94.125
30 2-Butanone	43	4.731	4.731	(0.828)	30759	10.0000	11.009
32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	43970	5.00000	4.819
33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	37740	5.00000	4.892
34 Bromochloromethane	128	4.933	4.933	(0.863)	24447	5.00000	5.367
35 Chloroform	83	4.992	4.992	(0.873)	81187	5.00000	5.265
36 Tetrahydrofuran	42	4.980	4.980	(0.871)	8197	5.00000	5.150
37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	58705	5.00000	5.021
38 1,1-Dichloropropene	75	5.288	5.288	(0.925)	48700	5.00000	4.615
39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	51509	5.00000	4.905
40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	61089	5.00000	5.204
41 Benzene	78	5.478	5.478	(0.959)	174437	5.00000	5.033
42 Trichloroethene	130	6.024	6.024	(1.054)	45204	5.00000	5.130
43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	39693	5.00000	5.161
44 1,4-Dioxane	88	6.344	6.344	(1.110)	9697	250.000	181.39
45 Dibromomethane	93	6.332	6.332	(1.108)	24319	5.00000	5.206
46 Bromodichloromethane	83	6.462	6.462	(1.131)	48032	5.00000	4.898
47 2-Chloroethyl vinyl ether	63	6.699	6.699	(1.172)	21122	10.0000	12.266
48 cis-1,3-Dichloropropene	75	6.842	6.842	(1.197)	43814	5.00000	4.423
49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	38231	10.0000	8.290
50 Toluene	91	7.150	7.150	(0.850)	151494	5.00000	4.422
51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	35037	5.00000	4.238
52 Ethyl Methacrylate	69	7.399	7.399	(0.880)	25787	5.00000	6.067
53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	33615	5.00000	5.200
54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	56394	5.00000	4.974
55 Tetrachloroethene	164	7.648	7.648	(0.910)	36624	5.00000	5.218
56 2-Hexanone	43	7.719	7.719	(0.918)	22188	10.0000	10.424
57 Dibromochloromethane	129	7.873	7.873	(0.937)	31639	5.00000	4.902
58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	28236	5.00000	4.851
59 Chlorobenzene	112	8.443	8.443	(1.004)	119065	5.00000	5.205
60 1,1,1,2-Tetrachloroethane	131	8.502	8.502	(1.011)	39353	5.00000	5.065
61 Ethylbenzene	106	8.526	8.526	(1.014)	46185	5.00000	4.136
62 m + p-Xylene	106	8.632	8.632	(1.027)	109506	10.0000	7.671
64 Xylene-o	106	9.012	9.012	(1.072)	51295	5.00000	5.148
65 Styrene	104	9.024	9.024	(1.073)	78730	5.00000	5.188
66 Bromoform	173	9.225	9.225	(1.097)	16973	5.00000	4.685
67 Isopropylbenzene	105	9.356	9.356	(1.113)	121115	5.00000	5.218
68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	40602	5.00000	5.495
69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	6299	5.00000	4.082
70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	12442	5.00000	5.613
71 Bromobenzene	156	9.676	9.676	(0.909)	41562	5.00000	4.849
72 n-Propylbenzene	120	9.759	9.759	(0.916)	30026	5.00000	5.202
73 2-Chlorotoluene	126	9.854	9.854	(0.925)	32437	5.00000	4.142
74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	92541	5.00000	5.133
75 4-Chlorotoluene	126	9.961	9.961	(0.935)	34359	5.00000	4.188
76 tert-Butylbenzene	119	10.245	10.245	(0.962)	77440	5.00000	5.173
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	91582	5.00000	5.112
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	103197	5.00000	5.098
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	81154	5.00000	5.158

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6405.D
Report Date: 25-May-2010 16:17

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	82311	5.00000	4.945
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	90719	5.00000	5.216
82 n-Butylbenzene	91	11.004	11.004	(1.033)	72061	5.00000	5.227
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	82255	5.00000	4.999
84 1,2-Dibromo-3-chloropropane	157	11.822	11.822	(1.110)	4985	5.00000	4.977
85 1,2,4-Trichlorobenzene	180	12.652	12.652	(1.188)	35572	5.00000	4.482
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	21825	5.00000	5.276
87 Naphthalene	128	12.913	12.913	(1.213)	47038	5.00000	5.979
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	33124	5.00000	4.475
98 Cyclohexane	56	5.205	5.205	(0.911)	51356	5.00000	4.168(a)
143 Methyl Acetate	43	3.486	3.486	(0.610)	52433	10.0000	9.864
144 Methylcyclohexane	83	6.190	6.190	(1.083)	43137	5.00000	6.026
141 1,3,5-Trichlorobenzene	180	12.024	12.024	(1.129)	47123	5.00000	4.802
149 Vinyl Acetate-86	86	4.245	4.245	(0.743)	3500	5.00000	6.286

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6405.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6405.D
Lab Smp Id: 5NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,2-8260.SUB,1904,1,1

Calibration Date: 25-MAY-2010
Calibration Time: 11:51

Level: LOW
Sample Type: WATER

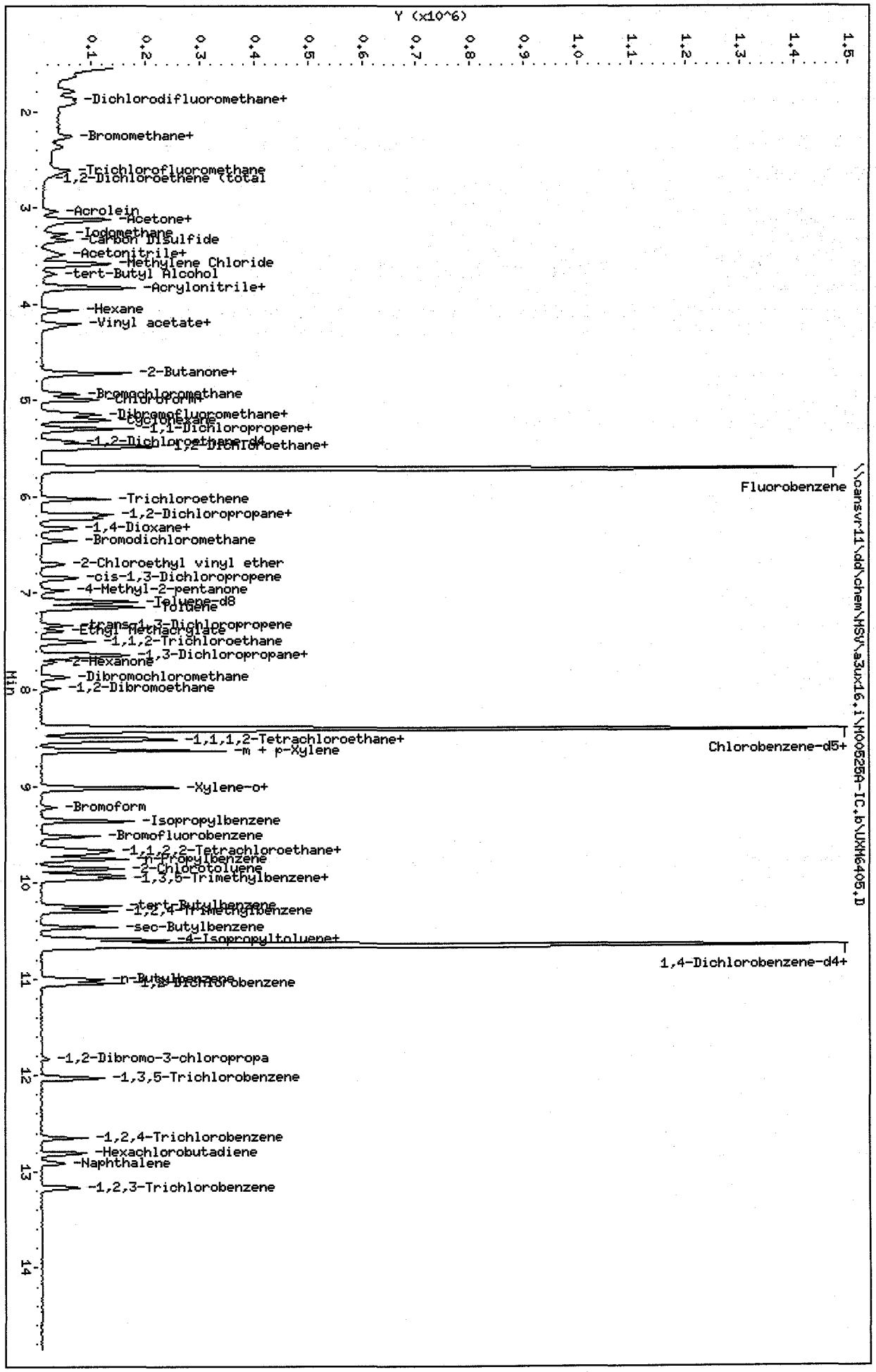
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1540816	770408	3081632	1456157	-5.49
2 Chlorobenzene-d5	1141516	570758	2283032	1057213	-7.39
3 1,4-Dichlorobenze	643517	321759	1287034	561558	-12.74

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6405.D
Date : 25-MAY-2010 12:56
Client ID:
Sample Info: 5NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6406.D
Report Date: 26-May-2010 09:11

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6406.D
Lab Smp Id: ICV
Inj Date : 25-MAY-2010 13:18
Operator : 1904 Inst ID: a3ux16.i
Smp Info : ICV
Misc Info : M00525A-IC,8260LLUX16,,1904,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 26-May-2010 09:07 quayler Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 7 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.715	5.716	(1.000)	1487247	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1095178	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	640317	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.135	(0.898)	393040	49.2601	9.852
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	493529	48.9017	9.780
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1470594	51.0773	10.215
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	537073	53.2909	10.658
8 Dichlorodifluoromethane	85	1.636	1.624	(0.286)	351208	52.0595	10.412
9 Chloromethane	50	1.790	1.791	(0.313)	504627	48.3111	9.662
10 Vinyl Chloride	62	1.920	1.909	(0.336)	536083	50.8059	10.161
11 Bromomethane	94	2.264	2.265	(0.396)	291890	48.8153	9.763
12 Chloroethane	64	2.371	2.360	(0.415)	322523	49.9946	9.999
13 Trichlorofluoromethane	101	2.620	2.621	(0.458)	495371	54.6054	10.921
14 Dichlorofluoromethane	67	Compound Not Detected.					
15 Acrolein	56	3.035	3.036	(0.531)	180822	221.003	44.201
16 Acetone	43	3.189	3.190	(0.558)	223883	86.3029	17.260
17 1,1-Dichloroethene	96	3.130	3.131	(0.548)	426733	58.9759	11.795
18 Freon-113	151	3.142	3.131	(0.550)	356539	60.3674	12.073
19 Iodomethane	142	3.284	3.273	(0.575)	774774	56.6420	11.328
20 Carbon Disulfide	76	3.344	3.344	(0.585)	1368296	60.1440	12.029
21 Methylene Chloride	84	3.593	3.581	(0.629)	501711	50.5529	10.110
22 Acetonitrile	41	3.462	3.463	(0.606)	125564	149.114	29.823

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6406.D
Report Date: 26-May-2010 09:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	23 Acrylonitrile	53	3.818	3.818	(0.668)	377825	150.182	30.036
	24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	556861	48.3029	9.660
	25 trans-1,2-Dichloroethene	96	3.842	3.830	(0.672)	478626	52.5569	10.511
	26 Hexane	86	4.067	4.067	(0.712)	78273	59.2556	11.851
	27 Vinyl acetate	43	4.257	4.245	(0.745)	1157175	155.475	31.095
	28 1,1-Dichloroethane	63	4.209	4.210	(0.737)	749272	50.4779	10.096
	29 tert-Butyl Alcohol	59	3.687	3.688	(0.645)	255967	915.590	183.12
	30 2-Butanone	43	4.731	4.731	(0.828)	267671	93.8000	18.760
M	31 1,2-Dichloroethene (total)	96				936314	101.668	20.334
	32 cis-1,2-dichloroethene	96	4.719	4.720	(0.826)	457688	49.1112	9.822
	33 2,2-Dichloropropane	77	4.719	4.720	(0.826)	387344	49.1590	9.832
	34 Bromochloromethane	128	4.933	4.933	(0.863)	224878	48.3397	9.668
	35 Chloroform	83	4.992	4.992	(0.873)	764223	48.5216	9.704
	36 Tetrahydrofuran	42	4.980	4.969	(0.871)	78598	48.3528	9.670
	37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	593765	49.7213	9.944
	38 1,1-Dichloropropene	75	5.300	5.301	(0.927)	550946	51.1211	10.224
	39 Carbon Tetrachloride	117	5.300	5.301	(0.927)	537924	50.1539	10.031
	40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	574359	47.9079	9.582
	41 Benzene	78	5.478	5.478	(0.959)	1771298	50.0369	10.007
	42 Trichloroethene	130	6.024	6.024	(1.054)	423904	47.1066	9.421
	43 1,2-Dichloropropane	63	6.225	6.226	(1.089)	381390	48.5545	9.711
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	6.332	6.332	(1.108)	235090	49.2771	9.855
	46 Bromodichloromethane	83	6.462	6.463	(1.131)	494319	49.3507	9.870
	47 2-Chloroethyl vinyl ether	63	6.711	6.700	(1.174)	124042	41.4800	8.296
	48 cis-1,3-Dichloropropene	75	6.854	6.842	(1.199)	484361	47.8740	9.575
	49 4-Methyl-2-pentanone	43	6.972	6.973	(1.220)	461312	97.9362	19.587
	50 Toluene	91	7.150	7.151	(0.850)	1777699	50.0878	10.018
	51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	424974	49.6255	9.925
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	313514	46.8197	9.364
	54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	557813	47.4963	9.499
	55 Tetrachloroethene	164	7.648	7.649	(0.910)	351333	48.3194	9.664
	56 2-Hexanone	43	7.719	7.720	(0.918)	302260	91.1101	18.222
	57 Dibromochloromethane	129	7.873	7.874	(0.937)	320628	47.9570	9.591
	58 1,2-Dibromoethane	107	7.992	7.993	(0.951)	290847	48.2381	9.648
	59 Chlorobenzene	112	8.443	8.443	(1.004)	1136644	47.9660	9.593
	60 1,1,1,2-Tetrachloroethane	131	8.514	8.502	(1.013)	383919	47.6972	9.539
	61 Ethylbenzene	106	8.526	8.526	(1.014)	586530	50.7075	10.142
	62 m + p-Xylene	106	8.632	8.632	(1.027)	1510220	102.127	20.425
M	63 Xylenes (total)	106				2244722	150.542	30.108
	64 Xylene-o	106	9.012	9.012	(1.072)	734502	48.4143	9.683
	65 Styrene	104	9.024	9.024	(1.073)	1207466	47.6461	9.529
	66 Bromoform	173	9.225	9.226	(1.097)	178822	47.6507	9.530
	67 Isopropylbenzene	105	9.356	9.356	(1.113)	1728658	46.9023	9.380
	68 1,1,2,2-Tetrachloroethane	83	9.652	9.653	(0.906)	394897	46.8749	9.375
	69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	192182	109.229	21.846
	70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	129118	51.0867	10.217
	71 Bromobenzene	156	9.676	9.676	(0.909)	475319	48.6370	9.727
	72 n-Propylbenzene	120	9.759	9.759	(0.916)	500629	50.0267	10.005
	73 2-Chlorotoluene	126	9.854	9.854	(0.925)	446370	49.9881	9.998
	74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1522465	47.9613	9.592
	75 4-Chlorotoluene	126	9.961	9.961	(0.935)	465501	49.7665	9.953
	76 tert-Butylbenzene	119	10.245	10.246	(0.962)	1166222	46.9833	9.397

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6406.D
Report Date: 26-May-2010 09:11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1652388	50.0555	10.011
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	1622497	47.4782	9.496
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	1449672	48.8911	9.778
80 1,3-Dichlorobenzene	146	10.589	10.590	(0.994)	910144	47.9557	9.591
81 1,4-Dichlorobenzene	146	10.672	10.673	(1.002)	925941	46.6941	9.339
82 n-Butylbenzene	91	11.004	11.005	(1.033)	1107436	47.8843	9.577
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	897027	47.8139	9.563
84 1,2-Dibromo-3-chloropropane	157	11.822	11.823	(1.110)	52487	45.9559	9.191
85 1,2,4-Trichlorobenzene	180	12.652	12.653	(1.188)	422099	46.6398	9.328
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	206294	43.7336	8.747
87 Naphthalene	128	12.913	12.914	(1.213)	766693	40.2711	8.054
88 1,2,3-Trichlorobenzene	180	13.174	13.175	(1.237)	401972	47.6228	9.524
89 Ethyl Ether	59	2.905	2.905	(0.508)	361995	51.7124	10.342
91 3-Chloropropene	76	3.344	3.474	(0.585)	1368296	333.858	66.772
92 Isopropyl Ether	87	4.257	4.256	(0.745)	355882	50.6678	10.134
93 2-Chloro-1,3-butadiene	53	4.067	4.293	(0.712)	19122	1.54671	0.3093
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	4.731	4.767	(0.828)	267671	54.1903	10.838
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	5.371	5.372	(0.639)	444484	2464.56	492.91
99 n-Butanol	56	5.703	5.941	(0.678)	10460	128.805	25.761
100 Methyl Methacrylate	41	6.225	6.297	(1.089)	274085	66.9732	13.395
101 2-Nitropropane	41	6.699	6.664	(1.172)	10070	8.54340	1.709
103 Cyclohexanone	55	9.474	9.475	(0.890)	134308	607.759	121.55
98 Cyclohexane	56	5.205	5.206	(0.911)	606070	48.1614	9.632
143 Methyl Acetate	43	3.498	3.486	(0.612)	236269	43.5204	8.704
144 Methylcyclohexane	83	6.190	6.190	(1.083)	533791	43.7448	8.749
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
149 Vinyl Acetate-86	86	4.257	4.245	(0.745)	55570	57.7294	11.546
151 t-Butyl ethyl ether	59	Compound Not Detected.					
152 t-Amyl methyl ether	73	5.478	5.550	(0.959)	29214	2.70604	0.5412(a)
153 1,2,3-Trimethylbenzene	105	10.719	10.720	(1.007)	1700457	45.6273	9.125

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6406.D
Report Date: 26-May-2010 09:11

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6406.D
Lab Smp Id: ICV
Inj Date : 25-MAY-2010 13:18
Operator : 1904 Inst ID: a3ux16.i
Smp Info : ICV
Misc Info : M00525A-IC,8260LLUX16,,1904,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 26-May-2010 09:07 quayler Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 7 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV24

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6406.D
Report Date: 26-May-2010 09:11

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6406.D
Lab Smp Id: ICV
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,,1904,3

Calibration Date: 25-MAY-2010
Calibration Time: 11:51

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1540816	770408	3081632	1487247	-3.48
2 Chlorobenzene-d5	1141516	570758	2283032	1095178	-4.06
3 1,4-Dichlorobenze	643517	321759	1287034	640317	-0.50

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6406.D
Report Date: 26-May-2010 09:11

TestAmerica North Canton

RECOVERY REPORT

Client Name:
Sample Matrix: LIQUID
Lab Smp Id: ICV
Level: LOW
Data Type: MS DATA
SpikeList File: DOD-ck.spk
Sublist File: 4-8260+IX.sub
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,,1904,3

Client SDG: SDGa00932
Fraction: VOA

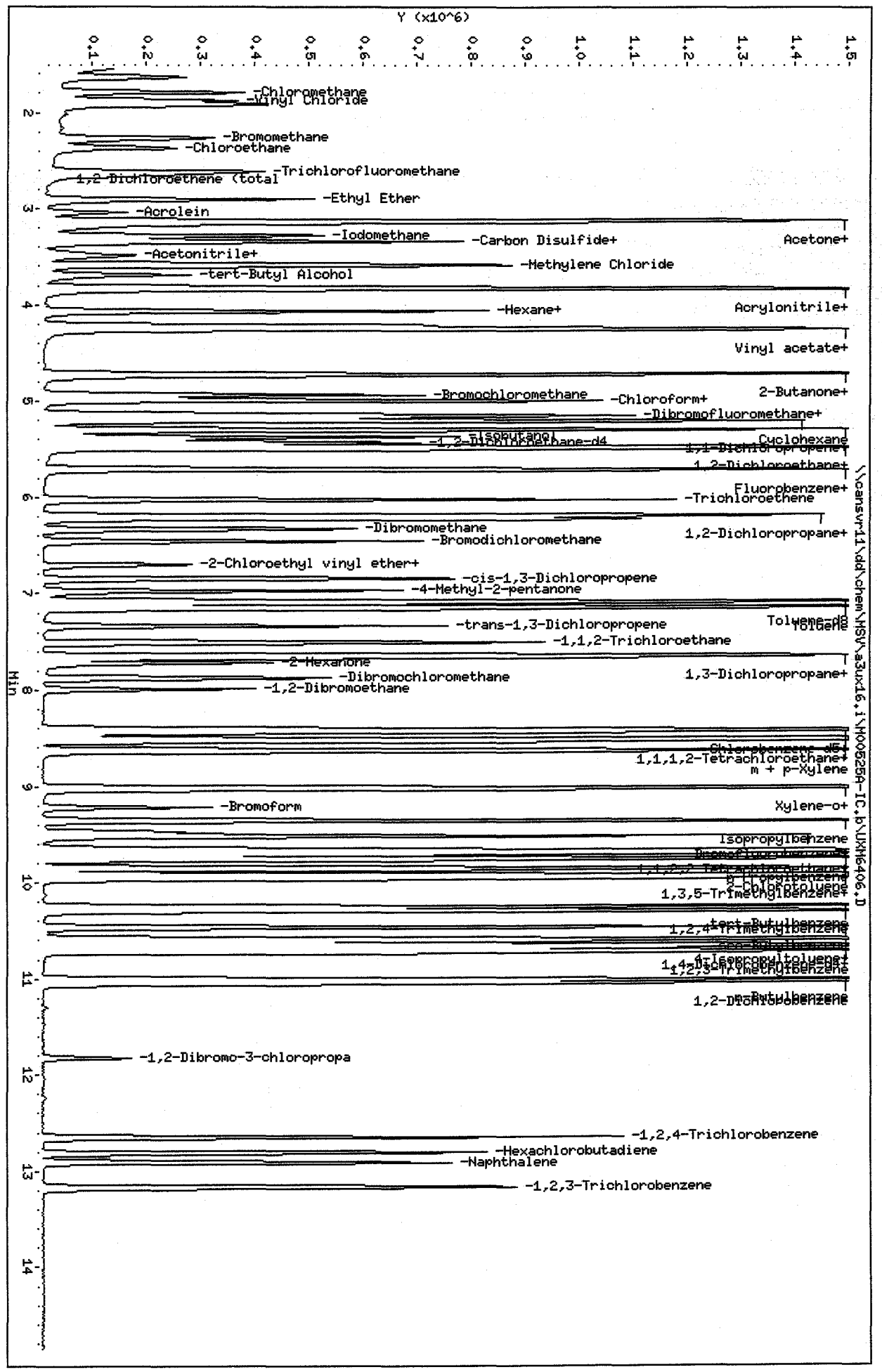
Operator: 1904
SampleType: METHSPIKE
Quant Type: ISTD

	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	17	1,1-Dichloroethene	10.000	11.795	117.95	45-155
	42	Trichloroethene	10.000	9.421	94.21	45-155
	59	Chlorobenzene	10.000	9.593	95.93	45-155
	50	Toluene	10.000	10.018	100.18	45-155
	41	Benzene	10.000	10.007	100.07	45-155
	16	Acetone	20.000	17.260	86.30	45-155
	20	Carbon Disulfide	10.000	12.029	120.29	45-155
	9	Chloromethane	10.000	9.662	96.62	45-155
	11	Bromomethane	10.000	9.763	97.63	45-155
	10	Vinyl Chloride	10.000	10.161	101.61	45-155
	12	Chloroethane	10.000	9.999	99.99	45-155
	21	Methylene Chloride	10.000	10.110	101.11	45-155
	28	1,1-Dichloroethane	10.000	10.096	100.96	45-155
M	31	1,2-Dichloroethene	20.000	20.334	101.67	45-155
	35	Chloroform	10.000	9.704	97.04	45-155
	40	1,2-Dichloroethane	10.000	9.582	95.82	45-155
	30	2-Butanone	20.000	18.760	93.80	45-155
	37	1,1,1-Trichloroeth	10.000	9.944	99.44	45-155
	39	Carbon Tetrachlori	10.000	10.031	100.31	45-155
	46	Bromodichlorometha	10.000	9.870	98.70	45-155
	43	1,2-Dichloropropan	10.000	9.711	97.11	45-155
	48	cis-1,3-Dichloropr	10.000	9.575	95.75	45-155
	54	1,3-Dichloropropan	10.000	9.499	94.99	45-155
	57	Dibromochlorometha	10.000	9.591	95.91	45-155
	53	1,1,2-Trichloroeth	10.000	9.364	93.64	45-155
	51	trans-1,3-Dichloro	10.000	9.925	99.25	45-155
	66	Bromoform	10.000	9.530	95.30	45-155
	49	4-Methyl-2-pentano	20.000	19.587	97.94	45-155
	56	2-Hexanone	20.000	18.222	91.11	45-155
	55	Tetrachloroethene	10.000	9.664	96.64	45-155
	68	1,1,2,2-Tetrachlor	10.000	9.375	93.75	45-155
	61	Ethylbenzene	10.000	10.142	101.42	45-155
	65	Styrene	10.000	9.529	95.29	45-155
M	63	Xylenes (total)	30.000	30.108	100.36	45-155
	32	cis-1,2-dichloroet	10.000	9.822	98.22	45-155
	25	trans-1,2-Dichloro	10.000	10.511	105.11	45-155
	8	Dichlorodifluorome	10.000	10.412	104.12	45-155
	13	Trichlorofluoromet	10.000	10.921	109.21	45-155
	70	1,2,3-Trichloropro	10.000	10.217	102.17	45-155
	18	Freon-113	10.000	12.073	120.73	45-155

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6406.D
Report Date: 26-May-2010 09:11

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
24 Methyl tert-butyl	10.000	9.660	96.61	45-155
58 1,2-Dibromoethane	10.000	9.648	96.48	45-155
67 Isopropylbenzene	10.000	9.380	93.80	45-155
80 1,3-Dichlorobenzen	10.000	9.591	95.91	45-155
81 1,4-Dichlorobenzen	10.000	9.339	93.39	45-155
83 1,2-Dichlorobenzen	10.000	9.563	95.63	45-155
84 1,2-Dibromo-3-chlo	10.000	9.191	91.91	45-155
85 1,2,4-Trichloroben	10.000	9.328	93.28	45-155
98 Cyclohexane	10.000	9.632	96.32	45-155
143 Methyl Acetate	10.000	8.704	87.04	45-155
144 Methylcyclohexane	10.000	8.749	87.49	45-155
71 Bromobenzene	10.000	9.727	97.27	45-155
34 Bromochloromethane	10.000	9.668	96.68	45-155
82 n-Butylbenzene	10.000	9.577	95.77	45-155
78 sec-Butylbenzene	10.000	9.496	94.96	45-155
76 tert-Butylbenzene	10.000	9.397	93.97	45-155
73 2-Chlorotoluene	10.000	9.998	99.98	45-155
75 4-Chlorotoluene	10.000	9.953	99.53	45-155
45 Dibromomethane	10.000	9.855	98.55	45-155
33 2,2-Dichloropropan	10.000	9.832	98.32	45-155
38 1,1-Dichloropropen	10.000	10.224	102.24	45-155
86 Hexachlorobutadien	10.000	8.747	87.47	45-155
19 Iodomethane	10.000	11.328	113.28	45-155
92 Isopropyl Ether	10.000	10.134	101.34	45-155
79 4-Isopropyltoluene	10.000	9.778	97.78	45-155
87 Naphthalene	10.000	8.054	80.54	45-155
72 n-Propylbenzene	10.000	10.005	100.05	45-155
60 1,1,1,2-Tetrachlor	10.000	9.539	95.39	45-155
88 1,2,3-Trichloroben	10.000	9.524	95.25	45-155
77 1,2,4-Trimethylben	10.000	10.011	100.11	45-155
74 1,3,5-Trimethylben	10.000	9.592	95.92	45-155
149 Vinyl Acetate-86	10.000	11.546	115.46	45-155
62 m + p-Xylene	20.000	20.425	102.13	45-155
64 Xylene-o	10.000	9.683	96.83	45-155

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Dibromofluorometha	10.000	9.852	98.52	73-122
$ 5 1,2-Dichloroethane	10.000	9.780	97.80	61-128
$ 6 Toluene-d8	10.000	10.215	102.15	76-110
$ 7 Bromofluorobenzene	10.000	10.658	106.58	74-116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Date : 25-MAY-2010 13:18
Client ID:
Sample Info: ICV
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5
Min
2 3 4 5 6 7 8 9 10 11 12 13 14
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
1,2-Dichloroethene (total
-Ethyl Ether
-Acrolein
-Iodomethane
-Carbon Disulfide+
Acetone+
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane+
Acrylonitrile+
Vinyl acetate+
-Bromochloromethane
-Chloroform+
2-Butanone+
-Dibromofluoromethane+
-Isobutanol
-1,2-Dichloroethane-d4
Cyclohexane
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene+
-Trichloroethene
-Dibromomethane
-Bromodichloromethane
1,2-Dichloropropane+
-2-Chloroethyl vinyl ether+
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene+
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene-d4
1,2,3-Trimethylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
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Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D
Lab Smp Id: 200NG-A9IC
Inj Date : 25-MAY-2010 13:40
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 200NG-A9IC
Misc Info : M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,6
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:17 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 15:28 Cal File: UXM6412.D
Als bottle: 8 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1598995	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1071798	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	520717	50.0000	
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	2945473	200.000	187.16
89 Ethyl Ether	59	2.905	2.905	(0.508)	1442318	200.000	191.64
91 3-Chloropropene	76	3.474	3.474	(0.608)	947283	200.000	214.98
92 Isopropyl Ether	87	4.257	4.257	(0.745)	7996305	1000.00	1058.9
93 2-Chloro-1,3-butadiene	53	4.292	4.292	(0.751)	2780551	200.000	209.19
94 Propionitrile	54	4.790	4.790	(0.838)	361788	400.000	401.97
95 Ethyl Acetate	43	4.767	4.767	(0.834)	2220206	400.000	418.07
96 Methacrylonitrile	41	4.921	4.921	(0.861)	812043	200.000	213.23
97 Isobutanol	41	5.371	5.371	(0.639)	730127	4000.00	4136.7
99 n-Butanol	56	5.941	5.941	(0.707)	454333	4000.00	4257.0
100 Methyl Methacrylate	41	6.296	6.296	(1.102)	1058704	200.000	240.62
101 2-Nitropropane	41	6.664	6.664	(1.166)	595931	400.000	470.25
103 Cyclohexanone	55	9.474	9.474	(0.890)	394025	2000.00	2108.4
146 2-Methylnaphthalene	142	14.277	14.277	(1.341)	2034768	400.000	(a)
151 t-Butyl ethyl ether	59	4.577	4.577	(0.801)	3033415	200.000	201.32
152 t-Amyl methyl ether	73	5.549	5.549	(0.971)	2480655	200.000	213.72
153 1,2,3-Trimethylbenzene	105	10.720	10.720	(1.007)	6614953	200.000	259.04

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D
Report Date: 25-May-2010 16:17

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D
Report Date: 25-May-2010 16:17

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6407.D
Lab Smp Id: 200NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,6

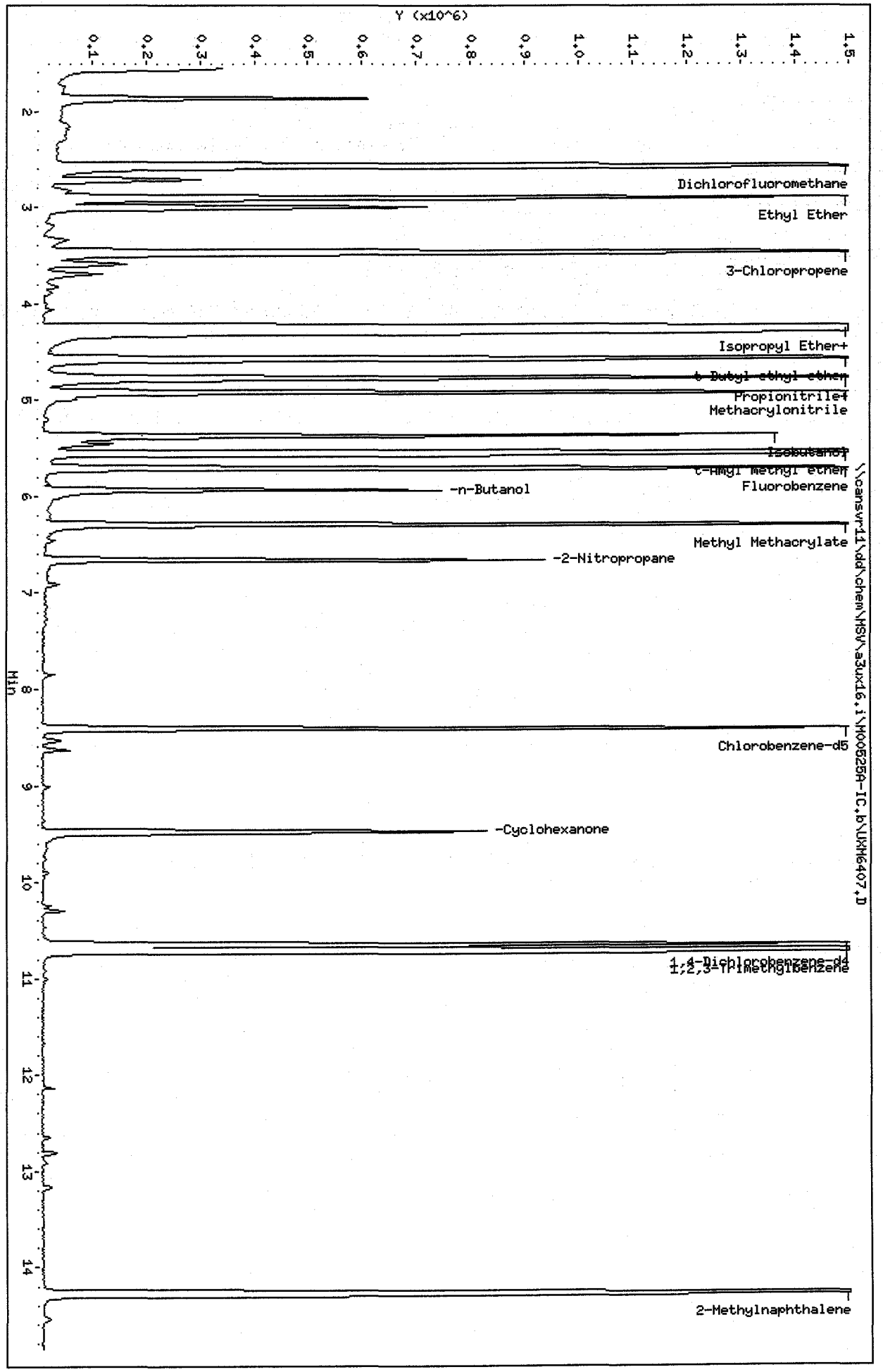
Calibration Date: 25-MAY-2010
Calibration Time: 11:51

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1540816	770408	3081632	1598995	3.78
2 Chlorobenzene-d5	1141516	570758	2283032	1071798	-6.11
3 1,4-Dichlorobenze	643517	321759	1287034	520717	-19.08

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D
Date : 25-MAY-2010 13:40
Client ID:
Sample Info: 200NG-A9IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
Dichlorofluoromethane
Ethyl Ether
3-Chloropropene
Isopropyl Ether+
~~t-Butyl ethyl ether~~
Propionitrile+
Methacrylonitrile
~~Isobutanol~~
t-Amyl Methyl ether
Fluorobenzene
-n-Butanol
Methyl Methacrylate
-2-Nitropropane
Chlorobenzene-d5
-Cyclohexanone
1,4-Dichlorobenzene-d4
1,2,3-Trimethylbenzene
2-Methylnaphthalene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
Lab Smp Id: 100NG-A9IC
Inj Date : 25-MAY-2010 14:01
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 100NG-A9IC
Misc Info : M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,5
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:18 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 13:40 Cal File: UXM6407.D
Als bottle: 9 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1536110	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1018042	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	485424	50.0000	
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	1544190	100.000	102.14
89 Ethyl Ether	59	2.905	2.905	(0.508)	718027	100.000	99.310
91 3-Chloropropene	76	3.474	3.474	(0.608)	447006	100.000	105.60
92 Isopropyl Ether	87	4.257	4.257	(0.745)	3977324	500.000	548.25
93 2-Chloro-1,3-butadiene	53	4.292	4.292	(0.751)	1330347	100.000	104.18
94 Propionitrile	54	4.790	4.790	(0.838)	178159	200.000	206.05
95 Ethyl Acetate	43	4.778	4.778	(0.836)	1025093	200.000	200.93
96 Methacrylonitrile	41	4.921	4.921	(0.861)	377923	100.000	103.30
97 Isobutanol	41	5.371	5.371	(0.639)	356726	2000.00	2127.8
99 n-Butanol	56	5.940	5.940	(0.707)	211771	2000.00	2106.1
100 Methyl Methacrylate	41	6.296	6.296	(1.102)	463798	100.000	109.72
101 2-Nitropropane	41	6.664	6.664	(1.166)	256142	200.000	210.40
103 Cyclohexanone	55	9.474	9.474	(0.890)	164113	1000.00	959.86
146 2-Methylnaphthalene	142	14.277	14.277	(1.341)	1330498	200.000	(a)
151 t-Butyl ethyl ether	59	4.577	4.577	(0.801)	1604250	100.000	110.83
152 t-Amyl methyl ether	73	5.549	5.549	(0.971)	1300263	100.000	116.61
153 1,2,3-Trimethylbenzene	105	10.719	10.719	(1.007)	2985476	100.000	125.41

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
Report Date: 25-May-2010 16:18

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6408.D
Lab Smp Id: 100NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,5

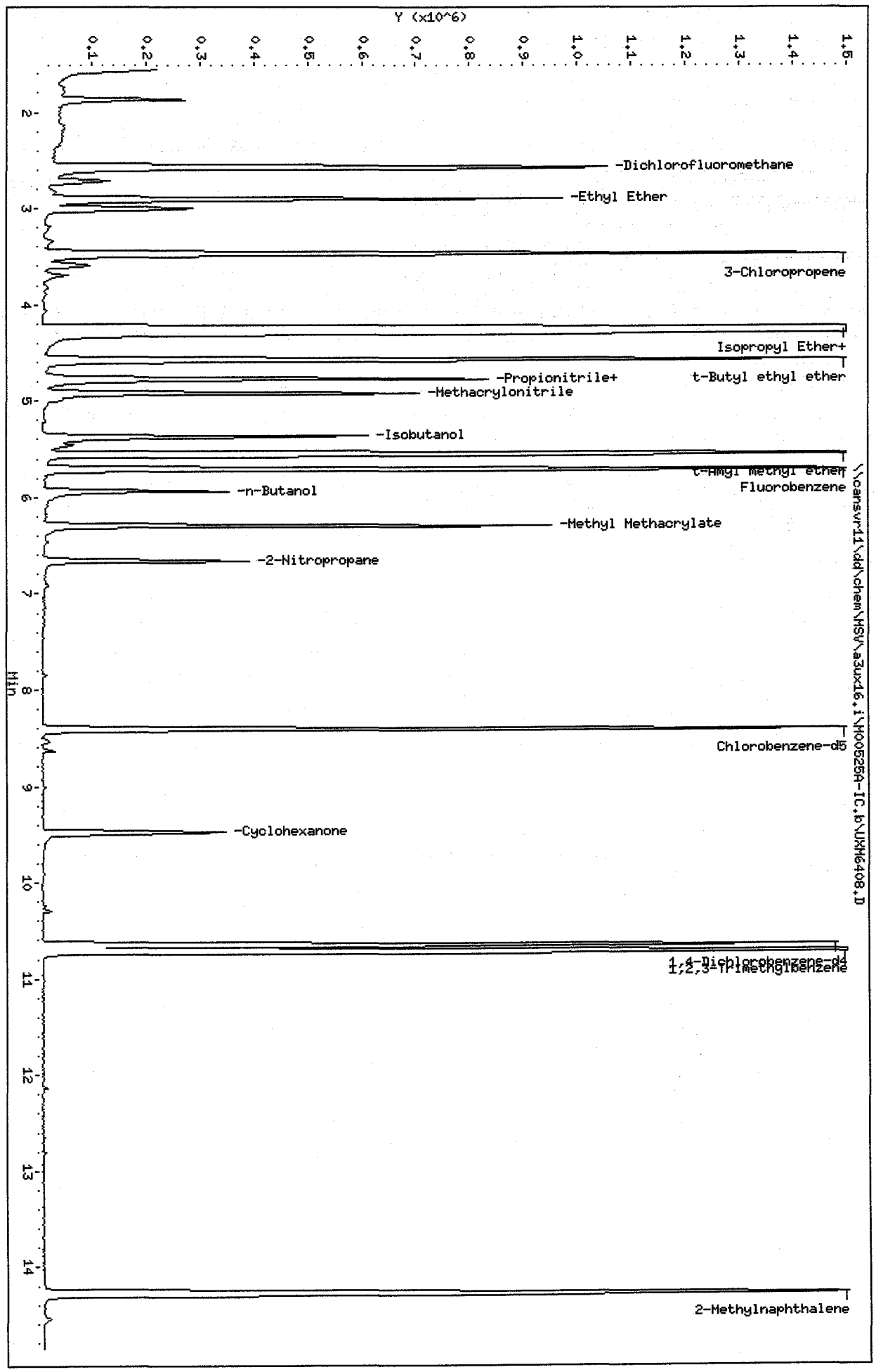
Calibration Date: 25-MAY-2010
Calibration Time: 11:51

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1540816	770408	3081632	1536110	-0.31
2 Chlorobenzene-d5	1141516	570758	2283032	1018042	-10.82
3 1,4-Dichlorobenze	643517	321759	1287034	485424	-24.57

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	-0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	-0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
Date : 25-MAY-2010 14:01
Client ID:
Sample Info: 100NG-A91C
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5
2 3 4 5 6 7 8 9 10 11 12 13 14
Min
-Dichlorofluoromethane
-Ethyl Ether
3-Chloropropene
Isopropyl Ether+
t-Butyl ethyl ether
-Propionitrile+
-Methacrylonitrile
-Isobutanol
t-Amyl methyl ether
Fluorobenzene
-n-Butanol
-Methyl Methacrylate
-2-Nitropropane
Chlorobenzene-d5
-Cyclohexanone
1,4-Dichlorobenzene-d4
1,2,3-Trimethylbenzene
2-Methylnaphthalene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
Lab Smp Id: 50NG-A9IC
Inj Date : 25-MAY-2010 14:23
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 50NG-A9IC
Misc Info : M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,4
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:18 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:01 Cal File: UXM6408.D
Als bottle: 10 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1599486	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1046571	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	486268	50.0000	
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	748458	50.0000	47.544
89 Ethyl Ether	59	2.905	2.905	(0.508)	375132	50.0000	49.829
91 3-Chloropropene	76	3.474	3.474	(0.608)	220634	50.0000	50.056
92 Isopropyl Ether	87	4.257	4.257	(0.745)	1988142	250.000	263.19
93 2-Chloro-1,3-butadiene	53	4.292	4.292	(0.751)	690364	50.0000	51.922
94 Propionitrile	54	4.790	4.790	(0.838)	90641	100.000	100.68
95 Ethyl Acetate	43	4.767	4.767	(0.834)	529010	100.000	99.583
96 Methacrylonitrile	41	4.921	4.921	(0.861)	193792	50.0000	50.872
97 Isobutanol	41	5.371	5.371	(0.639)	172954	1000.00	1003.5
99 n-Butanol	56	5.941	5.941	(0.707)	96216	1000.00	949.60
100 Methyl Methacrylate	41	6.296	6.296	(1.102)	224511	50.0000	51.010
101 2-Nitropropane	41	6.664	6.664	(1.166)	124105	100.000	97.902
103 Cyclohexanone	55	9.474	9.474	(0.890)	70614	500.000	430.69
146 2-Methylnaphthalene	142	14.277	14.277	(1.341)	430718	100.000	(a)
151 t-Butyl ethyl ether	59	4.577	4.577	(0.801)	758048	50.0000	50.294
152 t-Amyl methyl ether	73	5.549	5.549	(0.971)	600856	50.0000	51.751
153 1,2,3-Trimethylbenzene	105	10.720	10.720	(1.007)	1303914	50.0000	54.678

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
Report Date: 25-May-2010 16:18

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6409.D
Lab Smp Id: 50NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,4

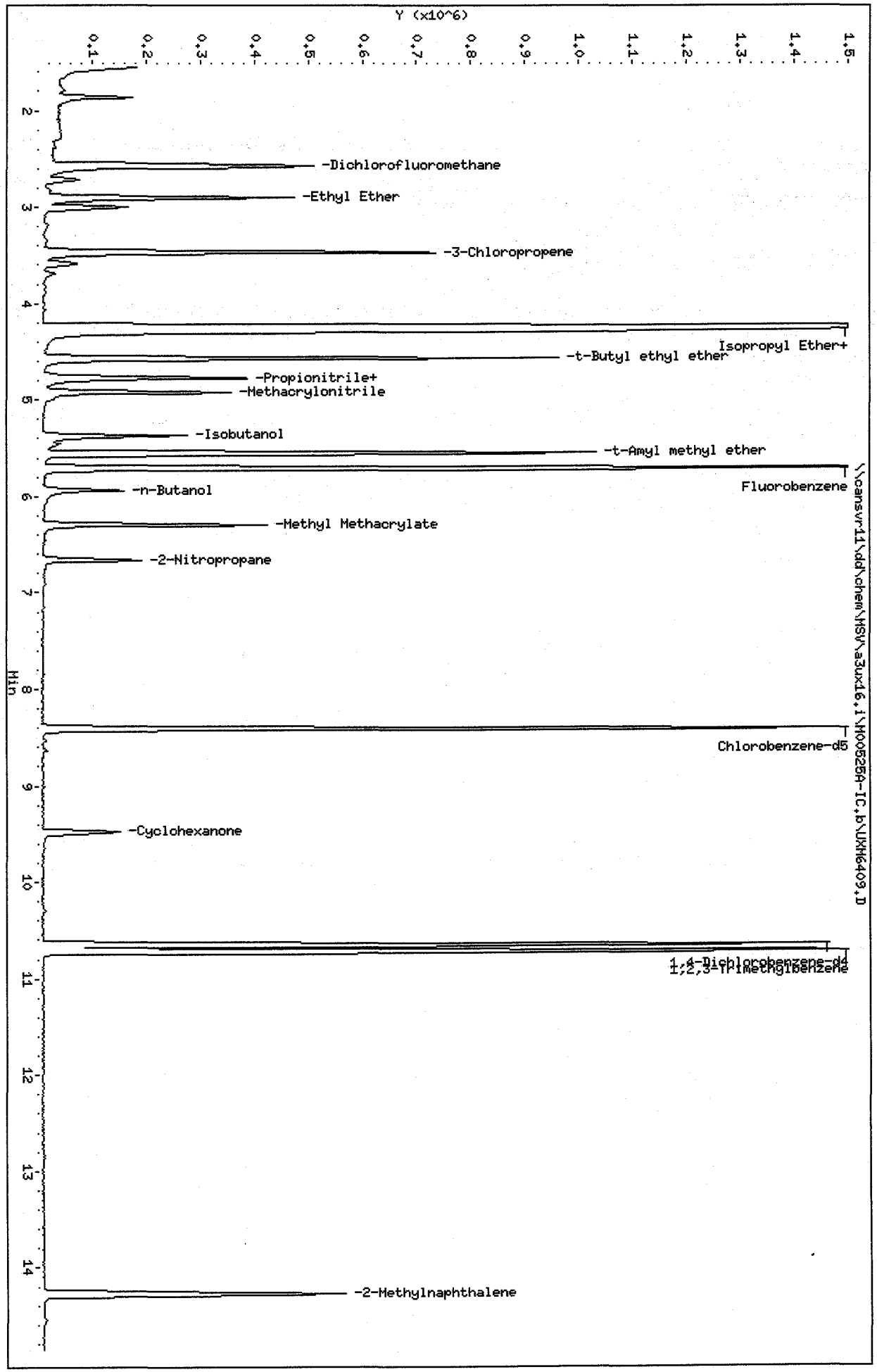
Calibration Date: 25-MAY-2010
Calibration Time: 14:23

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1599486	799743	3198972	1599486	0.00
2 Chlorobenzene-d5	1046571	523286	2093142	1046571	0.00
3 1,4-Dichlorobenze	486268	243134	972536	486268	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
Date : 25-MAY-2010 14:23
Client ID:
Sample Info: 50NG-A91C
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorofluoromethane
-Ethyl Ether
-3-Chloropropene
Isopropyl Ether+
-t-Butyl ethyl ether
-Propionitrile+
-Methacrylonitrile
-Isobutanol
-t-Amyl methyl ether
Fluorobenzene
-n-Butanol
-Methyl Methacrylate
-2-Nitropropane
Chlorobenzene-d5
-Cyclohexanone
1,4-Dichlorobenzene-d4
1,2,3-Trimethylbenzene
-2-Methylnaphthalene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
Lab Smp Id: 25NG-A9IC
Inj Date : 25-MAY-2010 14:44
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 25NG-A9IC
Misc Info : M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:18 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 11 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1451496	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	955801	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	445680	50.0000	
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	378593	25.0000	26.501
89 Ethyl Ether	59	2.905	2.905	(0.508)	169060	25.0000	24.746
91 3-Chloropropene	76	3.474	3.474	(0.608)	96269	25.0000	24.068
92 Isopropyl Ether	87	4.257	4.257	(0.745)	861425	125.000	125.66
93 2-Chloro-1,3-butadiene	53	4.292	4.292	(0.751)	303672	25.0000	25.168
94 Propionitrile	54	4.802	4.802	(0.840)	39448	50.0000	48.283
95 Ethyl Acetate	43	4.778	4.778	(0.836)	230979	50.0000	47.914
96 Methacrylonitrile	41	4.921	4.921	(0.861)	82405	25.0000	23.838
97 Isobutanol	41	5.371	5.371	(0.639)	79140	500.000	502.80
99 n-Butanol	56	5.940	5.940	(0.707)	41596	500.000	467.24
100 Methyl Methacrylate	41	6.296	6.296	(1.102)	91232	25.0000	22.842
101 2-Nitropropane	41	6.664	6.664	(1.166)	50401	50.0000	43.813
103 Cyclohexanone	55	9.474	9.474	(0.890)	28744	250.000	209.21
146 2-Methylnaphthalene	142	14.277	14.277	(1.341)	155735	50.0000	(a)
151 t-Butyl ethyl ether	59	4.577	4.577	(0.801)	329812	25.0000	24.113
152 t-Amyl methyl ether	73	5.561	5.561	(0.973)	253386	25.0000	24.049
153 1,2,3-Trimethylbenzene	105	10.719	10.719	(1.007)	496434	25.0000	22.713

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
Report Date: 25-May-2010 16:18

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6410.D
Lab Smp Id: 25NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,3

Calibration Date: 25-MAY-2010
Calibration Time: 14:23

Level: LOW
Sample Type: WATER

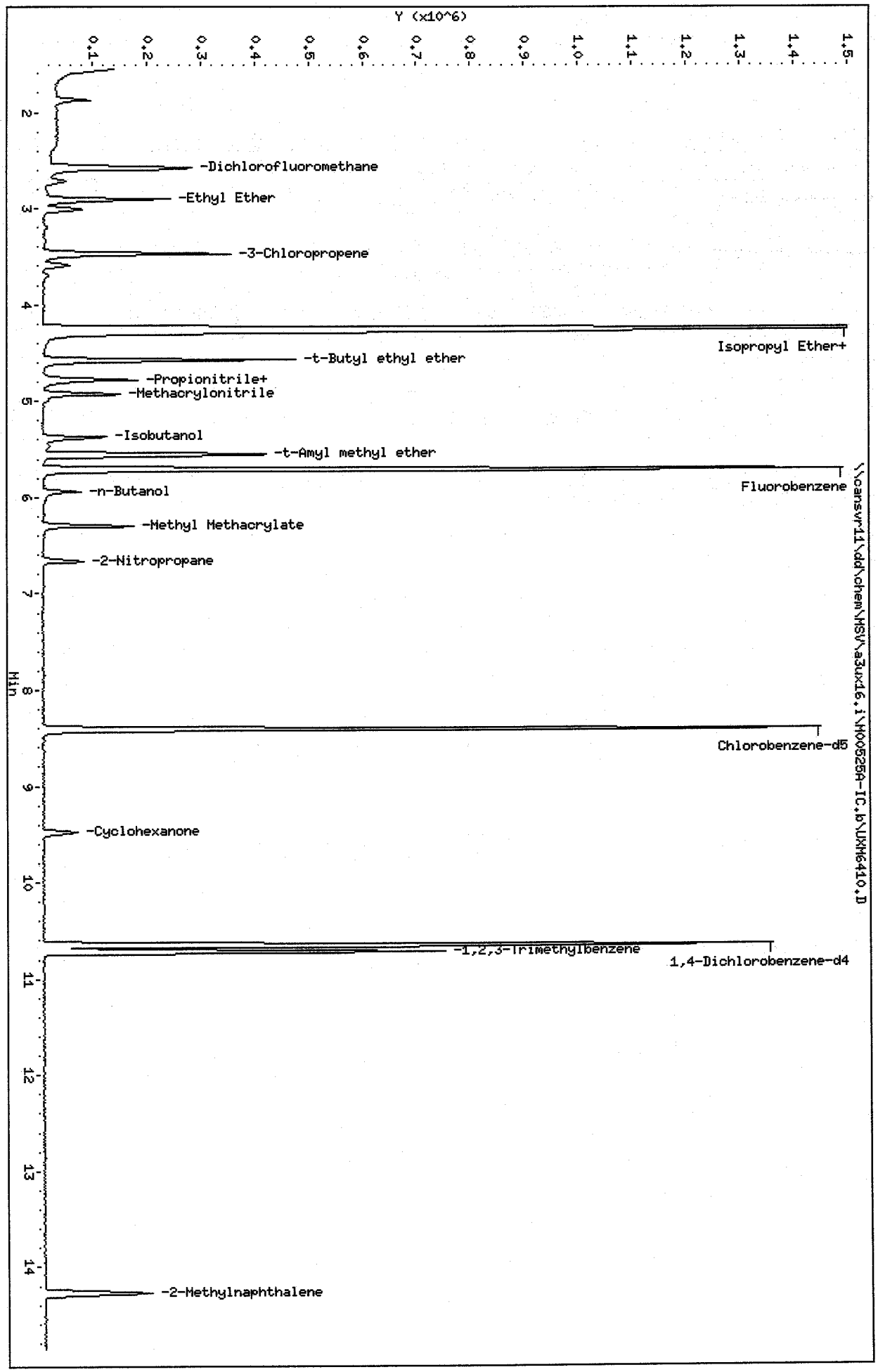
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1599486	799743	3198972	1451496	-9.25
2 Chlorobenzene-d5	1046571	523286	2093142	955801	-8.67
3 1,4-Dichlorobenze	486268	243134	972536	445680	-8.35

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	-0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	-0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
Date : 25-MAY-2010 14:44
Client ID:
Sample Info: 25NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
Lab Smp Id: 10NG-A9IC
Inj Date : 25-MAY-2010 15:06
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 10NG-A9IC
Misc Info : M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:18 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:44 Cal File: UXM6410.D
Als bottle: 12 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1482664	50.0000		
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	997971	50.0000		
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	448081	50.0000		
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	138965	10.0000	9.523	
89 Ethyl Ether	59	2.905	2.905	(0.508)	70322	10.0000	10.077	
91 3-Chloropropene	76	3.474	3.474	(0.608)	37199	10.0000	9.104	
92 Isopropyl Ether	87	4.257	4.257	(0.745)	313021	50.0000	44.703	
93 2-Chloro-1,3-butadiene	53	4.292	4.292	(0.751)	117507	10.0000	9.534	
94 Propionitrile	54	4.790	4.790	(0.838)	16489	20.0000	19.758	
95 Ethyl Acetate	43	4.778	4.778	(0.836)	94872	20.0000	19.266	
96 Methacrylonitrile	41	4.921	4.921	(0.861)	35790	10.0000	10.135	
97 Isobutanol	41	5.371	5.371	(0.639)	31699	200.000	192.88	
99 n-Butanol	56	5.941	5.941	(0.707)	15173	200.000	185.12	
100 Methyl Methacrylate	41	6.296	6.296	(1.102)	35472	10.0000	8.694	
101 2-Nitropropane	41	6.664	6.664	(1.166)	22134	20.0000	18.836	
103 Cyclohexanone	55	9.474	9.474	(0.890)	10598	100.000	97.144	
146 2-Methylnaphthalene	142	14.277	14.277	(1.341)	57883	20.0000		(a)
151 t-Butyl ethyl ether	59	4.577	4.577	(0.801)	126824	10.0000	9.077	
152 t-Amyl methyl ether	73	5.549	5.549	(0.971)	92719	10.0000	8.615	
153 1,2,3-Trimethylbenzene	105	10.720	10.720	(1.007)	161227	10.0000	7.337	

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
Report Date: 25-May-2010 16:18

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6411.D
Lab Smp Id: 10NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904

Calibration Date: 25-MAY-2010
Calibration Time: 14:23

Level: LOW
Sample Type: WATER

Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,2

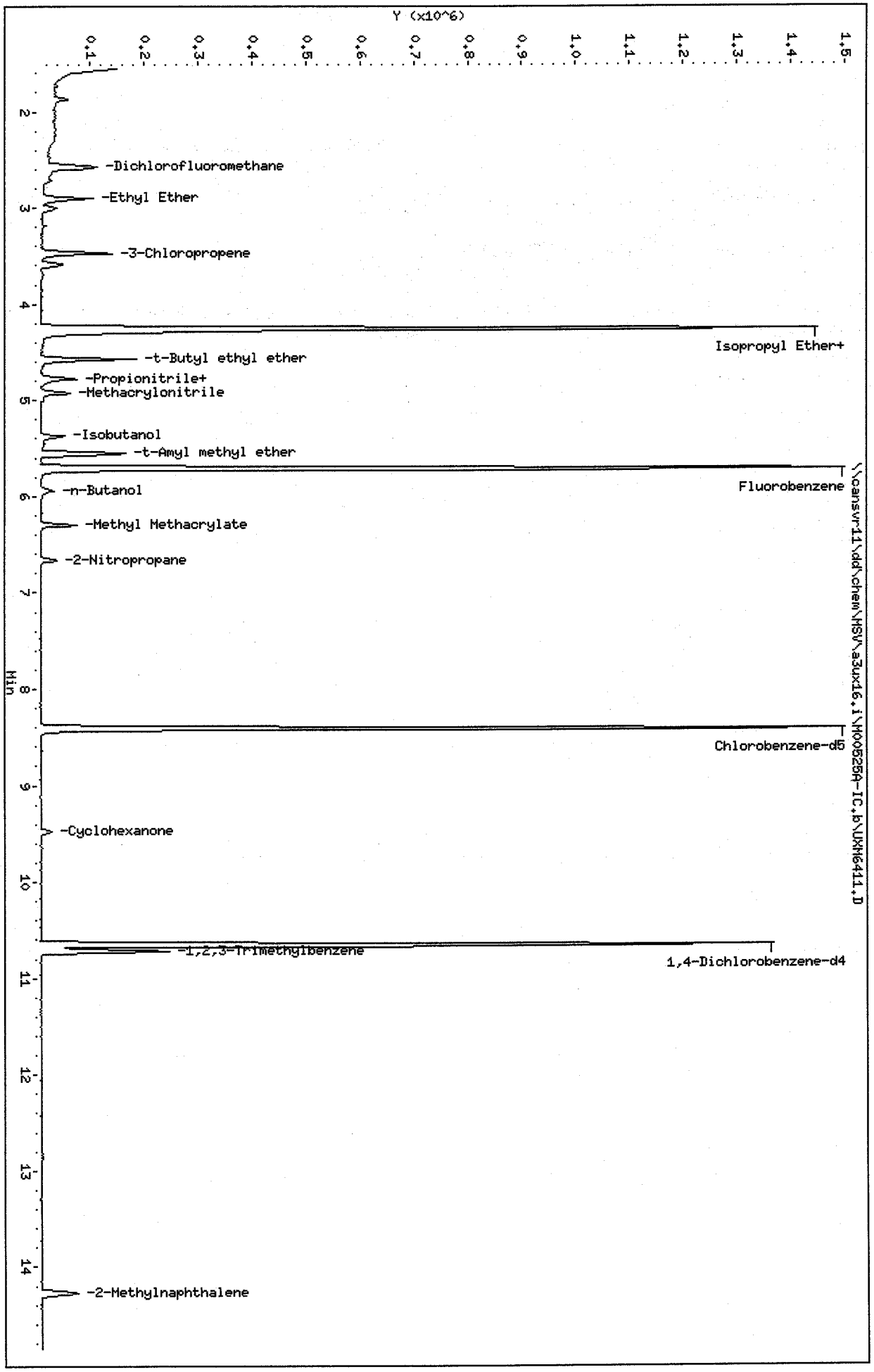
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1599486	799743	3198972	1482664	-7.30
2 Chlorobenzene-d5	1046571	523286	2093142	997971	-4.64
3 1,4-Dichlorobenze	486268	243134	972536	448081	-7.85

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
Date : 25-MAY-2010 15:06
Client ID:
Sample Info: 10NG-A91C
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
Lab Smp Id: 5NG-A9IC
Inj Date : 25-MAY-2010 15:28
Operator : 1904 Inst ID: a3ux16.i
Smp Info : 5NG-A9IC
Misc Info : M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,1
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Meth Date : 25-May-2010 16:18 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 15:06 Cal File: UXM6411.D
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1399893	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	966197	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	421719	50.0000	
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	74371	5.00000	5.398
89 Ethyl Ether	59	2.905	2.905	(0.508)	34744	5.00000	5.273
91 3-Chloropropene	76	3.474	3.474	(0.608)	19189	5.00000	4.974
92 Isopropyl Ether	87	4.257	4.257	(0.745)	147508	25.0000	22.312
93 2-Chloro-1,3-butadiene	53	4.292	4.292	(0.751)	53159	5.00000	4.568
94 Propionitrile	54	4.802	4.802	(0.840)	7915	10.0000	10.045
95 Ethyl Acetate	43	4.778	4.778	(0.836)	48016	10.0000	10.327
96 Methacrylonitrile	41	4.921	4.921	(0.861)	15275	5.00000	4.582
97 Isobutanol	41	5.371	5.371	(0.639)	14771	100.000	92.835
99 n-Butanol	56	5.941	5.941	(0.707)	6930	100.000	105.11
100 Methyl Methacrylate	41	6.296	6.296	(1.102)	17264	5.00000	4.482
101 2-Nitropropane	41	6.664	6.664	(1.166)	10820	10.0000	9.752
103 Cyclohexanone	55	9.486	9.486	(0.891)	5159	50.0000	65.814
146 2-Methylnaphthalene	142	14.277	14.277	(1.341)	23880	10.0000	(a)
151 t-Butyl ethyl ether	59	4.577	4.577	(0.801)	66416	5.00000	5.035
152 t-Amyl methyl ether	73	5.549	5.549	(0.971)	46076	5.00000	4.534 (a)
153 1,2,3-Trimethylbenzene	105	10.720	10.720	(1.007)	73923	5.00000	3.574 (a)

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
Report Date: 25-May-2010 16:18

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
Report Date: 25-May-2010 16:18

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Lab File ID: UXM6412.D
Lab Smp Id: 5NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\8260LLUX16.m
Misc Info: M00525A-IC,8260LLUX16,3-IX.SUB,1904,1,1

Calibration Date: 25-MAY-2010
Calibration Time: 14:23

Level: LOW
Sample Type: WATER

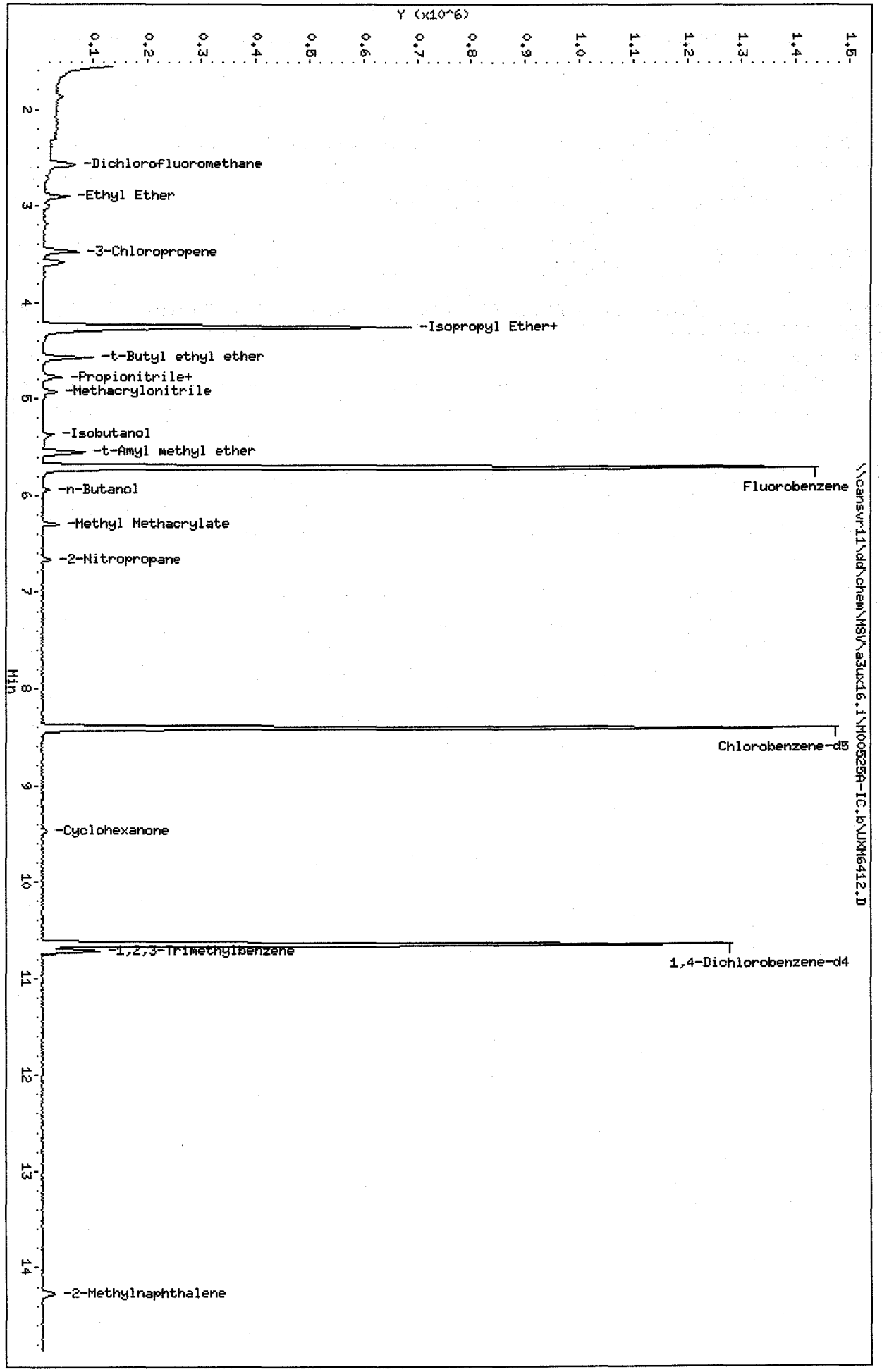
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1599486	799743	3198972	1399893	-12.48
2 Chlorobenzene-d5	1046571	523286	2093142	966197	-7.68
3 1,4-Dichlorobenze	486268	243134	972536	421719	-13.27

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
Date : 25-MAY-2010 15:28
Client ID:
Sample Info: 5NG-A91C
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux16.i
Operator: 1904
Column diameter: 0.18



Report Date: 04-Jun-2010 12:07

Calibration History

Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Start Cal Date: 11-MAR-2010 10:29
End Cal Date : 25-MAY-2010 15:28
Last Cal Level: 4
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.00000		
25-MAY-2010 15:28	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
25-MAY-2010 12:56	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6405.D

Cal Level: 2 , Cal Amount: 10.00000		
25-MAY-2010 15:06	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
25-MAY-2010 12:35	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6404.D

Cal Level: 3 , Cal Amount: 25.00000		
25-MAY-2010 14:44	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
25-MAY-2010 12:13	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6403.D

Cal Level: 4 , Cal Amount: 50.00000		
25-MAY-2010 14:23	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
25-MAY-2010 11:51	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D

Cal Level: 5 , Cal Amount: 100.00000		
25-MAY-2010 14:01	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
25-MAY-2010 11:29	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6401.D

Cal Level: 6 , Cal Amount: 200.00000		
25-MAY-2010 13:40	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D
25-MAY-2010 11:08	2-8260	

```
|\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6400.D                    |
+-----------------+----------------+-------------------------------------+


Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 4
+-----------------+----------------+-------------------------------------+
|01-JUN-2010 22:42 |2-8260          |                                     |
|\\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D                       |
|01-JUN-2010 23:04 |3-IX            |                                     |
|\\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6592.D                       |
+-----------------+----------------+-------------------------------------+
```

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D
Report Date: 02-Jun-2010 10:09

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux16.i Injection Date: 01-JUN-2010 22:42
Lab File ID: UXM6591.D Init. Cal. Date(s): 11-MAR-2010 25-MAY-2010
Analysis Type: WATER Init. Cal. Times: 10:29 15:28
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 4 Dibromofluoromethane	0.26824	0.26723	0.26723	0.010	0.37930	50.00000	Averaged
$ 5 1,2-Dichloroethane-d4	0.33929	0.31941	0.31941	0.010	5.86179	50.00000	Averaged
$ 6 Toluene-d8	1.31447	1.36229	1.36229	0.010	-3.63824	50.00000	Averaged
$ 7 Bromofluorobenzene	0.46011	0.48407	0.48407	0.010	-5.20706	50.00000	Averaged
8 Dichlorodifluoromethane	0.22680	0.23499	0.23499	0.010	-3.60819	50.00000	Averaged
9 Chloromethane	0.35116	0.38533	0.38533	0.100	-9.73066	50.00000	Averaged
10 Vinyl Chloride	0.35474	0.35732	0.35732	0.010	-0.72819	20.00000	Averaged
11 Bromomethane	0.20103	0.16921	0.16921	0.010	15.82756	50.00000	Averaged
12 Chloroethane	0.21688	0.19106	0.19106	0.010	11.90718	50.00000	Averaged
13 Trichlorofluoromethane	0.30499	0.26216	0.26216	0.010	14.04327	50.00000	Averaged
15 Acrolein	0.02751	0.03007	0.03007	0.010	-9.31285	50.00000	Averaged
16 Acetone	100	92.67386	0.08051	0.010	7.32614	0.000e+000	Wt Linear
17 1,1-Dichloroethene	0.24326	0.23766	0.23766	0.010	2.30336	20.00000	Averaged
18 Freon-113	0.19856	0.18485	0.18485	0.010	6.90536	50.00000	Averaged
19 Iodomethane	0.45986	0.44486	0.44486	0.010	3.26033	50.00000	Averaged
20 Carbon Disulfide	0.76485	0.78032	0.78032	0.010	-2.02343	50.00000	Averaged
21 Methylene Chloride	50.00000	49.68856	0.33191	0.010	0.62288	0.000e+000	Wt Linear
22 Acetonitrile	0.02831	0.02764	0.02764	0.010	2.35126	50.00000	Averaged
23 Acrylonitrile	0.08458	0.09074	0.09074	0.010	-7.28426	50.00000	Averaged
24 Methyl tert-butyl ether	0.38758	0.39039	0.39039	0.010	-0.72398	50.00000	Averaged
25 trans-1,2-Dichloroethene	0.30616	0.29827	0.29827	0.010	2.57747	50.00000	Averaged
26 Hexane	0.04441	0.04390	0.04390	0.010	1.14964	20.00000	Averaged
27 Vinyl acetate	0.25022	0.28297	0.28297	0.010	-13.08743	50.00000	Averaged
28 1,1-Dichloroethane	0.49903	0.48980	0.48980	0.100	1.84948	50.00000	Averaged
29 tert-Butyl Alcohol	0.00940	0.00943	0.00943	0.010	-0.30353	50.00000	Averaged <-
30 2-Butanone	0.09594	0.09880	0.09880	0.010	-2.98957	50.00000	Averaged
M 31 1,2-Dichloroethene (total)	0.30974	0.30560	0.30560	0.010	1.33542	50.00000	Averaged
32 cis-1,2-dichloroethene	0.31331	0.31293	0.31293	0.010	0.12171	50.00000	Averaged
33 2,2-Dichloropropane	0.26490	0.23205	0.23205	0.010	12.39933	50.00000	Averaged
34 Bromochloromethane	0.15640	0.15334	0.15334	0.010	1.95685	50.00000	Averaged
35 Chloroform	0.52951	0.51022	0.51022	0.010	3.64330	20.00000	Averaged
36 Tetrahydrofuran	0.05465	0.05238	0.05238	0.010	4.14280	50.00000	Averaged
37 1,1,1-Trichloroethane	0.40148	0.36573	0.36573	0.010	8.90238	50.00000	Averaged
38 1,1-Dichloropropene	0.36232	0.36060	0.36060	0.010	0.47605	50.00000	Averaged
39 Carbon Tetrachloride	0.36058	0.33818	0.33818	0.010	6.21304	50.00000	Averaged
40 1,2-Dichloroethane	0.40305	0.39133	0.39133	0.010	2.90801	50.00000	Averaged
41 Benzene	1.19011	1.18952	1.18952	0.010	0.04993	50.00000	Averaged
42 Trichloroethene	0.30253	0.29367	0.29367	0.010	2.93058	50.00000	Averaged
43 1,2-Dichloropropane	0.26407	0.25993	0.25993	0.010	1.56969	20.00000	Averaged
44 1,4-Dioxane	0.00184	0.00180	0.00180	0.001	2.02495	50.00000	Averaged
45 Dibromomethane	0.16039	0.15613	0.15613	0.010	2.65555	50.00000	Averaged
46 Bromodichloromethane	0.33675	0.33051	0.33051	0.010	1.85281	50.00000	Averaged
47 2-Chloroethyl vinyl ether	100	93.84507	0.10345	0.010	6.15493	0.000e+000	Wt Linear

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D
Report Date: 02-Jun-2010 10:09

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux16.i Injection Date: 01-JUN-2010 22:42
Lab File ID: UXM6591.D Init. Cal. Date(s): 11-MAR-2010 25-MAY-2010
Analysis Type: WATER Init. Cal. Times: 10:29 15:28
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
48 cis-1,3-Dichloropropene	0.34014	0.33903	0.33903	0.010	0.32689	50.00000	Averaged
49 4-Methyl-2-pentanone	0.15836	0.17276	0.17276	0.010	-9.09318	50.00000	Averaged
50 Toluene	1.62036	1.59174	1.59174	0.010	1.76651	20.00000	Averaged
51 trans-1,3-Dichloropropene	0.39097	0.37892	0.37892	0.010	3.08300	50.00000	Averaged
52 Ethyl Methacrylate	50.00000	46.54966	0.33556	0.010	6.90069	0.000e+000	Wt Linear
53 1,1,2-Trichloroethane	0.30571	0.30068	0.30068	0.010	1.64726	50.00000	Averaged
54 1,3-Dichloropropane	0.53618	0.52849	0.52849	0.010	1.43516	50.00000	Averaged
55 Tetrachloroethene	0.33196	0.31073	0.31073	0.010	6.39409	50.00000	Averaged
56 2-Hexanone	100	100	0.15213	0.010	-0.05158	0.000e+000	Wt Linear
57 Dibromochloromethane	0.30524	0.30113	0.30113	0.010	1.34646	50.00000	Averaged
58 1,2-Dibromoethane	0.27527	0.27334	0.27334	0.010	0.70296	50.00000	Averaged
59 Chlorobenzene	1.08187	0.99664	0.99664	0.300	7.87842	50.00000	Averaged
60 1,1,1,2-Tetrachloroethane	0.36748	0.34328	0.34328	0.010	6.58639	50.00000	Averaged
61 Ethylbenzene	0.52808	0.51620	0.51620	0.010	2.25039	20.00000	Averaged
62 m + p-Xylene	0.67512	0.67097	0.67097	0.010	0.61470	50.00000	Averaged
M 63 Xylenes (total)	0.66276	0.65726	0.65726	0.010	0.82857	50.00000	Averaged
64 Xylene-o	50.00000	45.57544	0.62985	0.010	8.84912	0.000e+000	Wt Linear
65 Styrene	50.00000	46.00123	1.06270	0.010	7.99754	0.000e+000	Wt Linear
66 Bromoform	0.17133	0.17080	0.17080	0.100	0.31141	50.00000	Averaged
67 Isopropylbenzene	50.00000	43.52605	1.45986	0.010	12.94790	0.000e+000	Wt Linear
68 1,1,2,2-Tetrachloroethane	0.65784	0.63080	0.63080	0.300	4.11012	50.00000	Averaged
69 1,4-Dichloro-2-butene	0.13739	0.11886	0.11886	0.010	13.48231	50.00000	Averaged
70 1,2,3-Trichloropropane	0.19736	0.18801	0.18801	0.010	4.73605	50.00000	Averaged
71 Bromobenzene	0.76312	0.72415	0.72415	0.010	5.10637	50.00000	Averaged
72 n-Propylbenzene	50.00000	44.83286	0.69745	0.010	10.33429	0.000e+000	Wt Linear
73 2-Chlorotoluene	0.69727	0.65678	0.65678	0.010	5.80771	50.00000	Averaged
74 1,3,5-Trimethylbenzene	50.00000	44.68374	2.20832	0.010	10.63251	0.000e+000	Wt Linear
75 4-Chlorotoluene	0.73040	0.69312	0.69312	0.010	5.10406	50.00000	Averaged
76 tert-Butylbenzene	50.00000	42.99932	1.66091	0.010	14.00137	0.000e+000	Wt Linear
77 1,2,4-Trimethylbenzene	50.00000	44.92472	2.30460	0.010	10.15056	0.000e+000	Wt Linear
78 sec-Butylbenzene	50.00000	42.74771	2.27157	0.010	14.50457	0.000e+000	Wt Linear
79 4-Isopropyltoluene	50.00000	42.75390	1.96656	0.010	14.49221	0.000e+000	Wt Linear
80 1,3-Dichlorobenzene	1.48199	1.36336	1.36336	0.010	8.00436	50.00000	Averaged
81 1,4-Dichlorobenzene	1.54845	1.38485	1.38485	0.010	10.56499	50.00000	Averaged
82 n-Butylbenzene	50.00000	40.58316	1.45545	0.010	18.83368	0.000e+000	Wt Linear
83 1,2-Dichlorobenzene	1.46496	1.37381	1.37381	0.010	6.22220	50.00000	Averaged
84 1,2-Dibromo-3-chloropropane	0.08918	0.09174	0.09174	0.010	-2.86216	50.00000	Averaged
85 1,2,4-Trichlorobenzene	0.70670	0.62569	0.62569	0.010	11.46228	50.00000	Averaged
86 Hexachlorobutadiene	0.36834	0.28702	0.28702	0.010	22.07826	50.00000	Averaged
87 Naphthalene	50.00000	41.41568	1.23453	0.010	17.16863	0.000e+000	Wt Linear
88 1,2,3-Trichlorobenzene	0.65911	0.60984	0.60984	0.010	7.47422	50.00000	Averaged
98 Cyclohexane	0.42307	0.41784	0.41784	0.010	1.23668	50.00000	Averaged
143 Methyl Acetate	0.18252	0.18330	0.18330	0.010	-0.42980	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D
Report Date: 02-Jun-2010 10:09

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux16.i Injection Date: 01-JUN-2010 22:42
Lab File ID: UXM6591.D Init. Cal. Date(s): 11-MAR-2010 25-MAY-2010
Analysis Type: WATER Init. Cal. Times: 10:29 15:28
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
144 Methylcyclohexane	50.00000	41.38445	0.33831	0.010	17.23110	0.000e+000	Wt Linear
141 1,3,5-Trichlorobenzene	0.87383	0.75375	0.75375	0.010	13.74106	50.00000	Averaged
149 Vinyl Acetate-86	50.00000	49.65162	0.03187	0.010	0.69675	0.000e+000	Wt Linear

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D
Report Date: 02-Jun-2010 10:09

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D
Lab Smp Id: 50NG-CC
Inj Date : 01-JUN-2010 22:42
Operator : 1644 Inst ID: a3ux16.i
Smp Info : 50NG-CC
Misc Info : M00601B,8260LLUX16,2-8260.SUB,1644,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Meth Date : 02-Jun-2010 10:09 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 30 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV23

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1663323	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1268717	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	732741	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	444482	50.0000	49.810
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	531274	50.0000	47.069
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1728362	50.0000	51.819
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	614151	50.0000	52.604
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	390861	50.0000	51.804
9 Chloromethane	50	1.790	1.790	(0.313)	640936	50.0000	54.865
10 Vinyl Chloride	62	1.920	1.920	(0.336)	594336	50.0000	50.364
11 Bromomethane	94	2.264	2.264	(0.396)	281447	50.0000	42.086
12 Chloroethane	64	2.371	2.371	(0.415)	317791	50.0000	44.046
13 Trichlorofluoromethane	101	2.620	2.620	(0.458)	436052	50.0000	42.978
15 Acrolein	56	3.035	3.035	(0.531)	500135	500.000	546.56
16 Acetone	43	3.189	3.189	(0.558)	267828	100.000	92.674
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	395298	50.0000	48.848
18 Freon-113	151	3.130	3.130	(0.548)	307463	50.0000	46.547
19 Iodomethane	142	3.272	3.272	(0.573)	739954	50.0000	48.370
20 Carbon Disulfide	76	3.332	3.332	(0.583)	1297930	50.0000	51.012

21 Methylene Chloride	84	3.581	3.581 (0.627)	552072	50.0000	49.688
22 Acetonitrile	41	3.462	3.462 (0.606)	459809	500.000	488.24
23 Acrylonitrile	53	3.818	3.818 (0.668)	301857	100.000	107.28

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D
Report Date: 02-Jun-2010 10:09

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	649337	50.0000	50.362
25 trans-1,2-Dichloroethene	96	3.830	3.830	(0.670)	496123	50.0000	48.711
26 Hexane	86	4.067	4.067	(0.712)	73017	50.0000	49.425
27 Vinyl acetate	43	4.245	4.245	(0.743)	470670	50.0000	56.544
28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	814694	50.0000	49.075
29 tert-Butyl Alcohol	59	3.687	3.687	(0.645)	313612	1000.00	1003.0
30 2-Butanone	43	4.731	4.731	(0.828)	328689	100.000	102.99
32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	520503	50.0000	49.939
33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	385980	50.0000	43.800
34 Bromochloromethane	128	4.933	4.933	(0.863)	255049	50.0000	49.022
35 Chloroform	83	4.992	4.992	(0.873)	848653	50.0000	48.178
36 Tetrahydrofuran	42	4.968	4.968	(0.869)	87132	50.0000	47.928
37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	608335	50.0000	45.549
38 1,1-Dichloropropene	75	5.288	5.288	(0.925)	599791	50.0000	49.762
39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	562500	50.0000	46.893
40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	650914	50.0000	48.546
41 Benzene	78	5.478	5.478	(0.959)	1978552	50.0000	49.975
42 Trichloroethene	130	6.023	6.023	(1.054)	488463	50.0000	48.535
43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	432347	50.0000	49.215
44 1,4-Dioxane	88	6.344	6.344	(1.110)	149569	2500.00	2449.4
45 Dibromomethane	93	6.332	6.332	(1.108)	259695	50.0000	48.672
46 Bromodichloromethane	83	6.462	6.462	(1.131)	549738	50.0000	49.074
47 2-Chloroethyl vinyl ether	63	6.699	6.699	(1.172)	344142	100.000	93.845
48 cis-1,3-Dichloropropene	75	6.842	6.842	(1.197)	563911	50.0000	49.836
49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	574702	100.000	109.09
50 Toluene	91	7.150	7.150	(0.850)	2019464	50.0000	49.117
51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	480737	50.0000	48.458
52 Ethyl Methacrylate	69	7.387	7.387	(0.879)	425726	50.0000	46.550
53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	381474	50.0000	49.176
54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	670503	50.0000	49.282
55 Tetrachloroethene	164	7.636	7.636	(0.908)	394231	50.0000	46.803
56 2-Hexanone	43	7.719	7.719	(0.918)	386008	100.000	100.05
57 Dibromochloromethane	129	7.873	7.873	(0.937)	382043	50.0000	49.327
58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	346785	50.0000	49.648
59 Chlorobenzene	112	8.443	8.443	(1.004)	1264452	50.0000	46.061
60 1,1,1,2-Tetrachloroethane	131	8.502	8.502	(1.011)	435519	50.0000	46.707
61 Ethylbenzene	106	8.526	8.526	(1.014)	654912	50.0000	48.875
62 m + p-Xylene	106	8.632	8.632	(1.027)	1702550	100.000	99.385
64 Xylene-o	106	9.012	9.012	(1.072)	799097	50.0000	45.575
65 Styrene	104	9.024	9.024	(1.073)	1348266	50.0000	46.001
66 Bromoform	173	9.225	9.225	(1.097)	216694	50.0000	49.844
67 Isopropylbenzene	105	9.356	9.356	(1.113)	1852146	50.0000	43.526
68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	462213	50.0000	47.945
69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	87097	50.0000	43.259
70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	137763	50.0000	47.632
71 Bromobenzene	156	9.676	9.676	(0.909)	530617	50.0000	47.447
72 n-Propylbenzene	120	9.759	9.759	(0.916)	511049	50.0000	44.833
73 2-Chlorotoluene	126	9.854	9.854	(0.925)	481248	50.0000	47.096
74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1618130	50.0000	44.684
75 4-Chlorotoluene	126	9.961	9.961	(0.935)	507875	50.0000	47.448
76 tert-Butylbenzene	119	10.245	10.245	(0.962)	1217019	50.0000	42.999
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1688672	50.0000	44.925

78	sec-Butylbenzene	105	10.459	10.459 (0.982)	1664476	50.0000	42.748
79	4-Isopropyltoluene	119	10.601	10.601 (0.996)	1440978	50.0000	42.754

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D
Report Date: 02-Jun-2010 10:09

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	998993	50.0000	45.998
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	1014739	50.0000	44.718
82 n-Butylbenzene	91	11.004	11.004	(1.033)	1066470	50.0000	40.583
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	1006646	50.0000	46.889
84 1,2-Dibromo-3-chloropropane	157	11.822	11.822	(1.110)	67219	50.0000	51.431
85 1,2,4-Trichlorobenzene	180	12.652	12.652	(1.188)	458471	50.0000	44.269
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	210308	50.0000	38.961
87 Naphthalene	128	12.913	12.913	(1.213)	904594	50.0000	41.416
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	446858	50.0000	46.263
98 Cyclohexane	56	5.205	5.205	(0.911)	694997	50.0000	49.382
143 Methyl Acetate	43	3.486	3.486	(0.610)	609776	100.000	100.43
144 Methylcyclohexane	83	6.190	6.190	(1.083)	562712	50.0000	41.384
141 1,3,5-Trichlorobenzene	180	12.024	12.024	(1.129)	552307	50.0000	43.129
149 Vinyl Acetate-86	86	4.245	4.245	(0.743)	53018	50.0000	49.652

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D
Report Date: 02-Jun-2010 10:09

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

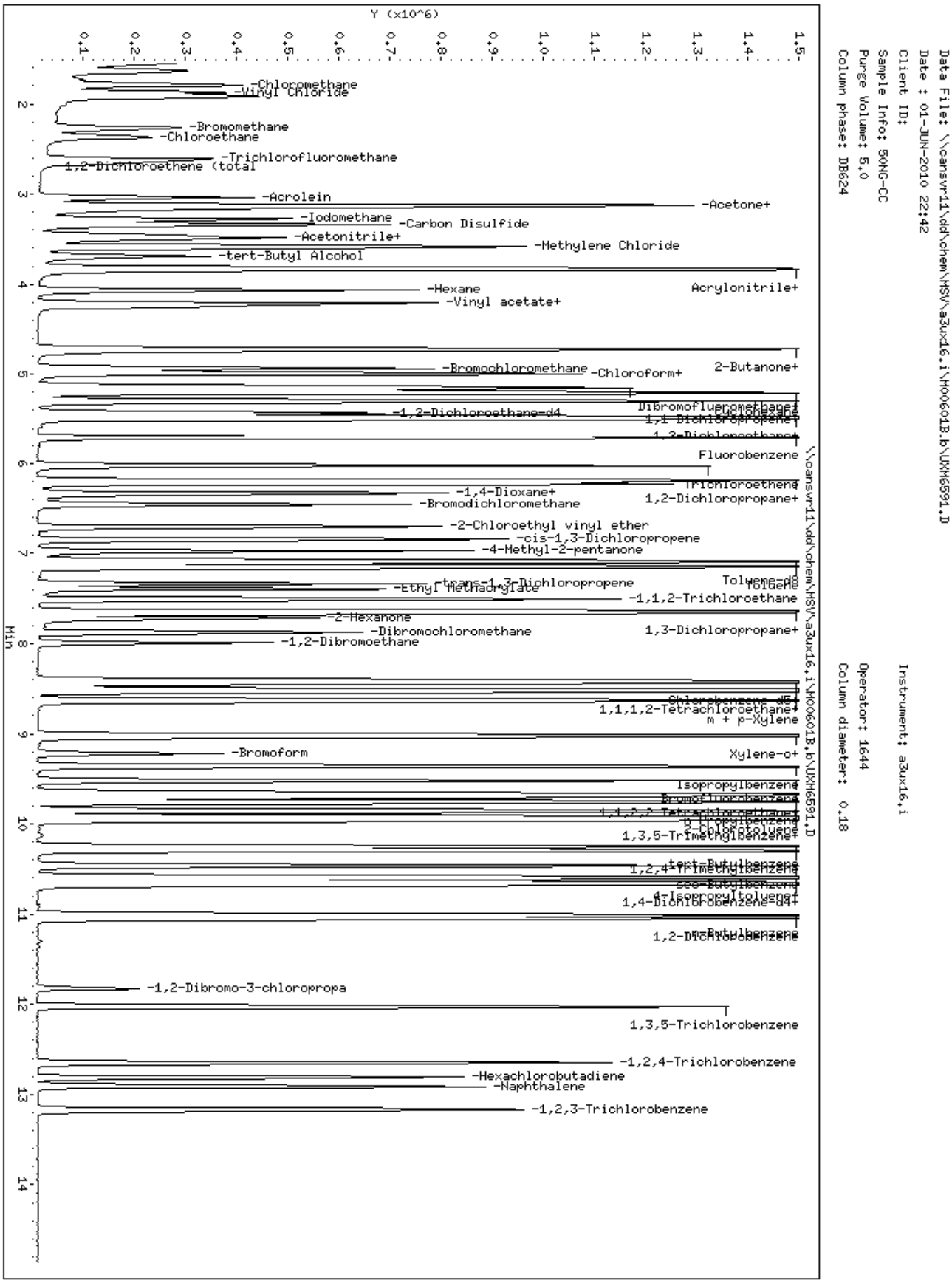
Instrument ID: a3ux16.i
Lab File ID: UXM6591.D
Lab Smp Id: 50NG-CC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Misc Info: M00601B,8260LLUX16,2-8260.SUB,1644,2

Calibration Date: 01-JUN-2010
Calibration Time: 23:04
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1569428	784714	3138856	1663323	5.98
2 Chlorobenzene-d5	1086123	543062	2172246	1268717	16.81
3 1,4-Dichlorobenze	527480	263740	1054960	732741	38.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D
Date : 01-JUN-2010 22:42
Client ID:
Sample Info: 50NG-CC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
1,2-Dichloroethene (total
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane
Acrylonitrile+
-Vinyl acetate+
-Bromochloromethane
-Chloroform+
2-Butanone+
-1,2-Dichloroethane-d4
Dibromofluoromethane+
Cyclohexane
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene
Trichloroethene
-1,4-Dioxane+
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
trans-1,3-Dichloropropene
Toluene-d8
Toluene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene-d4+
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6591.D

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6592.D
Report Date: 01-Jun-2010 23:19

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux16.i Injection Date: 01-JUN-2010 23:04
Lab File ID: UXM6592.D Init. Cal. Date(s): 11-MAR-2010 25-MAY-2010
Analysis Type: WATER Init. Cal. Times: 10:29 15:28
Lab Sample ID: 50NG-A9CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
14 Dichlorofluoromethane	0.49211	0.37284	0.37284	0.010	24.23626	50.00000	Averaged	
89 Ethyl Ether	0.23534	0.21344	0.21344	0.010	9.30646	50.00000	Averaged	
91 3-Chloropropene	0.13779	0.11884	0.11884	0.010	13.74921	50.00000	Averaged	
92 Isopropyl Ether	0.23614	0.22607	0.22607	0.010	4.26384	50.00000	Averaged	
93 2-Chloro-1,3-butadiene	0.41563	0.36720	0.36720	0.010	11.65361	50.00000	Averaged	
94 Propionitrile	0.02814	0.02857	0.02857	0.010	-1.50648	50.00000	Averaged	
95 Ethyl Acetate	0.16606	0.15340	0.15340	0.010	7.62492	50.00000	Averaged	
96 Methacrylonitrile	0.11908	0.11365	0.11365	0.010	4.56299	50.00000	Averaged	
97 Isobutanol	0.00823	0.00891	0.00891	0.010	-8.15402	50.00000	Averaged	<-
99 n-Butanol	1000	1079	0.00525	0.010	-7.94676	0.000e+000	Wt Linear	<-
100 Methyl Methacrylate	0.13758	0.13070	0.13070	0.010	5.00473	50.00000	Averaged	
101 2-Nitropropane	0.03963	0.03757	0.03757	0.010	5.18477	50.00000	Averaged	
103 Cyclohexanone	500	335	0.01103	0.010	33.00319	0.000e+000	Wt Linear	
151 t-Butyl ethyl ether	0.47116	0.40992	0.40992	0.010	12.99836	50.00000	Averaged	
152 t-Amyl methyl ether	0.36295	0.33650	0.33650	0.010	7.28762	50.00000	Averaged	
153 1,2,3-Trimethylbenzene	50.00000	41.23767	2.37844	0.010	17.52467	0.000e+000	Wt Linear	

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6592.D
Report Date: 01-Jun-2010 23:19

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6592.D
Lab Smp Id: 50NG-A9CC
Inj Date : 01-JUN-2010 23:04
Operator : 1644 Inst ID: a3ux16.i
Smp Info : 50NG-A9CC
Misc Info : M00601B,8260LLUX16,3-IX.SUB,1644,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Meth Date : 01-Jun-2010 23:19 quayler Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 31 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1569428	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1086123	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	527480	50.0000	
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	585143	50.0000	37.882
89 Ethyl Ether	59	2.905	2.905	(0.508)	334975	50.0000	45.347
91 3-Chloropropene	76	3.474	3.474	(0.608)	186513	50.0000	43.125
92 Isopropyl Ether	87	4.257	4.257	(0.745)	1773980	250.000	239.34
93 2-Chloro-1,3-butadiene	53	4.292	4.292	(0.751)	576291	50.0000	44.173
94 Propionitrile	54	4.790	4.790	(0.838)	89670	100.000	101.51
95 Ethyl Acetate	43	4.778	4.778	(0.836)	481496	100.000	92.375
96 Methacrylonitrile	41	4.921	4.921	(0.861)	178362	50.0000	47.718
97 Isobutanol	41	5.371	5.371	(0.639)	193443	1000.00	1081.5
99 n-Butanol	56	5.940	5.940	(0.707)	114010	1000.00	1079.5
100 Methyl Methacrylate	41	6.296	6.296	(1.102)	205123	50.0000	47.498
101 2-Nitropropane	41	6.664	6.664	(1.166)	117933	100.000	94.815
103 Cyclohexanone	55	9.474	9.474	(0.890)	58200	500.000	334.98
151 t-Butyl ethyl ether	59	4.577	4.577	(0.801)	643333	50.0000	43.501
152 t-Amyl methyl ether	73	5.549	5.549	(0.971)	528109	50.0000	46.356
153 1,2,3-Trimethylbenzene	105	10.719	10.719	(1.007)	1254580	50.0000	41.238

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6592.D
Report Date: 01-Jun-2010 23:19

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

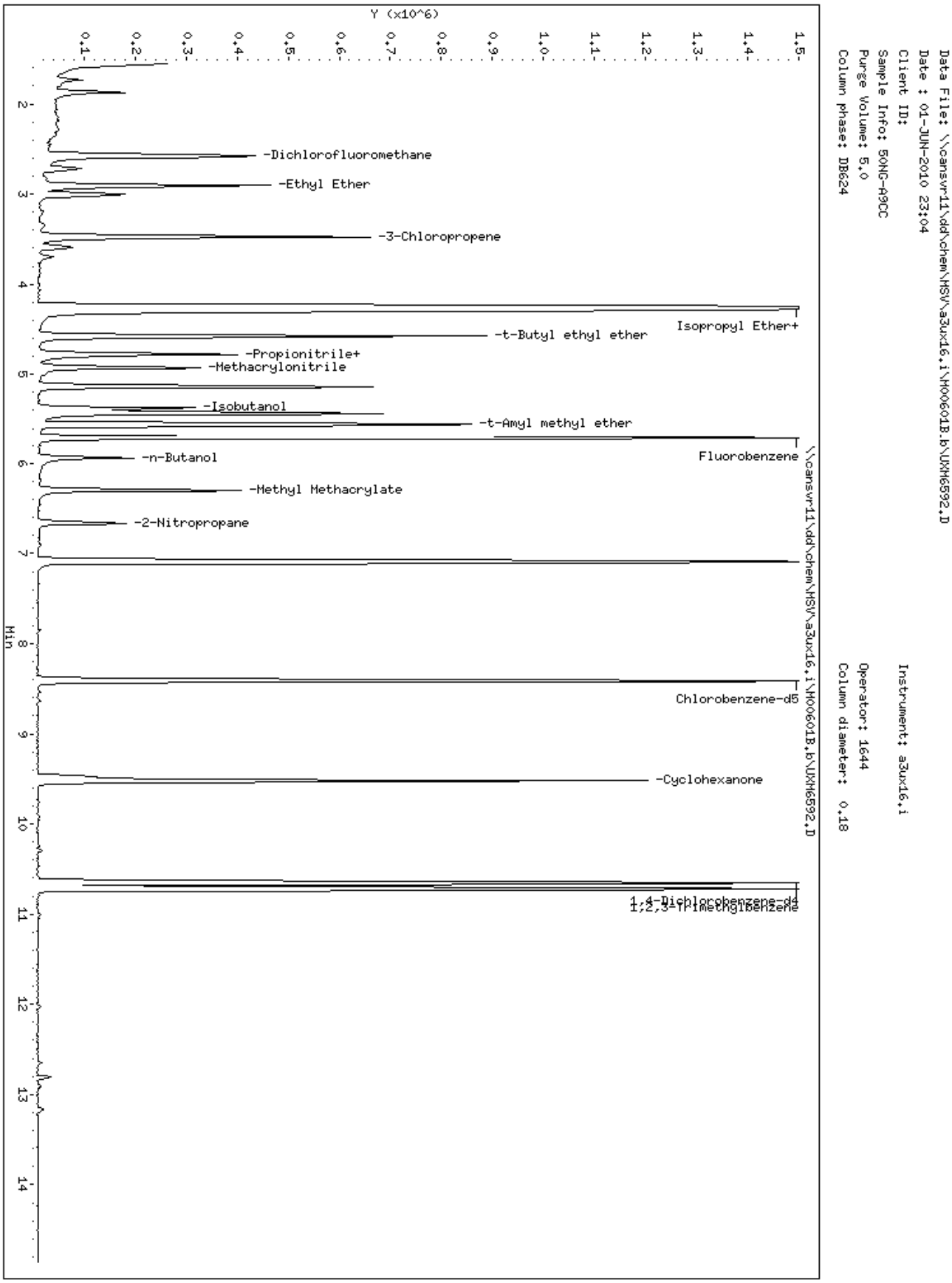
Instrument ID: a3ux16.i
Lab File ID: UXM6592.D
Lab Smp Id: 50NG-A9CC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Misc Info: M00601B,8260LLUX16,3-IX.SUB,1644,2

Calibration Date: 01-JUN-2010
Calibration Time: 22:42
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1663323	831662	3326646	1569428	-5.65
2 Chlorobenzene-d5	1268717	634359	2537434	1086123	-14.39
3 1,4-Dichlorobenze	732741	366371	1465482	527480	-28.01

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	-0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	-0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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Date : 01-JUN-2010 23:04
Client ID:
Sample Info: 50NG-A90C
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
2
3
4
5
6
7
8
9
10
11
12
13
14
Min
-Dichlorofluoromethane
-Ethyl Ether
-3-Chloropropene
Isopropyl Ether+
-t-Butyl ethyl ether
-Propionitrile+
-Methacrylonitrile
-Isobutanol
-t-Amyl methyl ether
-n-Butanol
Fluorobenzene
-Methyl Methacrylate
-2-Nitropropane
\\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6592.D
Chlorobenzene-d5
-Cyclohexanone
1,4-Dichlorobenzene-d4
1,2,3-Trimethylbenzene

Report Date: 04-Jun-2010 08:07

Calibration History

Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Start Cal Date: 11-MAR-2010 10:29
End Cal Date : 25-MAY-2010 15:28
Last Cal Level: 4
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.00000		
25-MAY-2010 15:28	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6412.D
25-MAY-2010 12:56	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6405.D
Cal Level: 2 , Cal Amount: 10.00000		
25-MAY-2010 15:06	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6411.D
25-MAY-2010 12:35	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6404.D
Cal Level: 3 , Cal Amount: 25.00000		
25-MAY-2010 14:44	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6410.D
25-MAY-2010 12:13	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6403.D
Cal Level: 4 , Cal Amount: 50.00000		
25-MAY-2010 14:23	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6409.D
25-MAY-2010 11:51	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6402.D
Cal Level: 5 , Cal Amount: 100.00000		
25-MAY-2010 14:01	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6408.D
25-MAY-2010 11:29	2-8260	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6401.D
Cal Level: 6 , Cal Amount: 200.00000		
25-MAY-2010 13:40	3-IX	\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6407.D
25-MAY-2010 11:08	2-8260	

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|\\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\UXM6400.D                      |
+-----------------+-----------------+-------------------------------------+


Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 4
+-----------------+-----------------+-------------------------------------+
|03-JUN-2010 12:23 |2-8260           |                                     |
|\\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D                        |
|03-JUN-2010 12:44 |3-IX             |                                     |
|\\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6647.D                        |
+-----------------+-----------------+-------------------------------------+
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Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D
Report Date: 03-Jun-2010 15:37

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux16.i Injection Date: 03-JUN-2010 12:23
Lab File ID: UXM6646.D Init. Cal. Date(s): 11-MAR-2010 25-MAY-2010
Analysis Type: WATER Init. Cal. Times: 10:29 15:28
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 4 Dibromofluoromethane	0.26824	0.26822	0.26822	0.010	0.00934	50.00000	Averaged
$ 5 1,2-Dichloroethane-d4	0.33929	0.30519	0.30519	0.010	10.05110	50.00000	Averaged
$ 6 Toluene-d8	1.31447	1.37537	1.37537	0.010	-4.63296	50.00000	Averaged
$ 7 Bromofluorobenzene	0.46011	0.48756	0.48756	0.010	-5.96472	50.00000	Averaged
8 Dichlorodifluoromethane	0.22680	0.24669	0.24669	0.010	-8.76662	50.00000	Averaged
9 Chloromethane	0.35116	0.38180	0.38180	0.100	-8.72428	50.00000	Averaged
10 Vinyl Chloride	0.35474	0.36416	0.36416	0.010	-2.65571	20.00000	Averaged
11 Bromomethane	0.20103	0.19320	0.19320	0.010	3.89262	50.00000	Averaged
12 Chloroethane	0.21688	0.21229	0.21229	0.010	2.11670	50.00000	Averaged
13 Trichlorofluoromethane	0.30499	0.30435	0.30435	0.010	0.20953	50.00000	Averaged
15 Acrolein	0.02751	0.02395	0.02395	0.010	12.91531	50.00000	Averaged
16 Acetone	100	83.59115	0.07304	0.010	16.40885	0.000e+000	Wt Linear
17 1,1-Dichloroethene	0.24326	0.27692	0.27692	0.010	-13.83864	20.00000	Averaged
18 Freon-113	0.19856	0.23232	0.23232	0.010	-17.00389	50.00000	Averaged
19 Iodomethane	0.45986	0.51152	0.51152	0.010	-11.23417	50.00000	Averaged
20 Carbon Disulfide	0.76485	0.96617	0.96617	0.010	-26.32156	50.00000	Averaged
21 Methylene Chloride	50.00000	53.63640	0.35672	0.010	-7.27280	0.000e+000	Wt Linear
22 Acetonitrile	0.02831	0.02689	0.02689	0.010	5.00807	50.00000	Averaged
23 Acrylonitrile	0.08458	0.08624	0.08624	0.010	-1.96799	50.00000	Averaged
24 Methyl tert-butyl ether	0.38758	0.41042	0.41042	0.010	-5.89276	50.00000	Averaged
25 trans-1,2-Dichloroethene	0.30616	0.32788	0.32788	0.010	-7.09245	50.00000	Averaged
26 Hexane	0.04441	0.05837	0.05837	0.010	-31.44898	20.00000	Averaged <-
27 Vinyl acetate	0.25022	0.27717	0.27717	0.010	-10.76941	50.00000	Averaged
28 1,1-Dichloroethane	0.49903	0.52093	0.52093	0.100	-4.38966	50.00000	Averaged
29 tert-Butyl Alcohol	0.00940	0.00887	0.00887	0.010	5.65834	50.00000	Averaged <-
30 2-Butanone	0.09594	0.08956	0.08956	0.010	6.64293	50.00000	Averaged
M 31 1,2-Dichloroethene (total)	0.30974	0.32623	0.32623	0.010	-5.32564	50.00000	Averaged
32 cis-1,2-dichloroethene	0.31331	0.32459	0.32459	0.010	-3.59914	50.00000	Averaged
33 2,2-Dichloropropane	0.26490	0.27018	0.27018	0.010	-1.99254	50.00000	Averaged
34 Bromochloromethane	0.15640	0.16089	0.16089	0.010	-2.87243	50.00000	Averaged
35 Chloroform	0.52951	0.53059	0.53059	0.010	-0.20515	20.00000	Averaged
36 Tetrahydrofuran	0.05465	0.04784	0.04784	0.010	12.46129	50.00000	Averaged
37 1,1,1-Trichloroethane	0.40148	0.40781	0.40781	0.010	-1.57717	50.00000	Averaged
38 1,1-Dichloropropene	0.36232	0.40533	0.40533	0.010	-11.87042	50.00000	Averaged
39 Carbon Tetrachloride	0.36058	0.38291	0.38291	0.010	-6.19341	50.00000	Averaged
40 1,2-Dichloroethane	0.40305	0.38910	0.38910	0.010	3.46162	50.00000	Averaged
41 Benzene	1.19011	1.27017	1.27017	0.010	-6.72705	50.00000	Averaged
42 Trichloroethene	0.30253	0.31881	0.31881	0.010	-5.38074	50.00000	Averaged
43 1,2-Dichloropropane	0.26407	0.27249	0.27249	0.010	-3.18487	20.00000	Averaged
44 1,4-Dioxane	0.00184	0.00165	0.00165	0.001	9.85291	50.00000	Averaged
45 Dibromomethane	0.16039	0.15486	0.15486	0.010	3.44487	50.00000	Averaged
46 Bromodichloromethane	0.33675	0.34865	0.34865	0.010	-3.53389	50.00000	Averaged
47 2-Chloroethyl vinyl ether	100	88.12428	0.09670	0.010	11.87572	0.000e+000	Wt Linear

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D
Report Date: 03-Jun-2010 15:37

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux16.i Injection Date: 03-JUN-2010 12:23
Lab File ID: UXM6646.D Init. Cal. Date(s): 11-MAR-2010 25-MAY-2010
Analysis Type: WATER Init. Cal. Times: 10:29 15:28
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
48 cis-1,3-Dichloropropene	0.34014	0.36252	0.36252	0.010	-6.57996	50.00000	Averaged
49 4-Methyl-2-pentanone	0.15836	0.15426	0.15426	0.010	2.58446	50.00000	Averaged
50 Toluene	1.62036	1.69563	1.69563	0.010	-4.64534	20.00000	Averaged
51 trans-1,3-Dichloropropene	0.39097	0.38922	0.38922	0.010	0.44740	50.00000	Averaged
52 Ethyl Methacrylate	50.00000	43.83079	0.31466	0.010	12.33842	0.000e+000	Wt Linear
53 1,1,2-Trichloroethane	0.30571	0.29312	0.29312	0.010	4.11847	50.00000	Averaged
54 1,3-Dichloropropane	0.53618	0.51416	0.51416	0.010	4.10686	50.00000	Averaged
55 Tetrachloroethene	0.33196	0.34334	0.34334	0.010	-3.42780	50.00000	Averaged
56 2-Hexanone	100	85.59808	0.12929	0.010	14.40192	0.000e+000	Wt Linear
57 Dibromochloromethane	0.30524	0.30987	0.30987	0.010	-1.51944	50.00000	Averaged
58 1,2-Dibromoethane	0.27527	0.26292	0.26292	0.010	4.48600	50.00000	Averaged
59 Chlorobenzene	1.08187	1.06385	1.06385	0.300	1.66582	50.00000	Averaged
60 1,1,1,2-Tetrachloroethane	0.36748	0.37610	0.37610	0.010	-2.34697	50.00000	Averaged
61 Ethylbenzene	0.52808	0.55981	0.55981	0.010	-6.00702	20.00000	Averaged
62 m + p-Xylene	0.67512	0.74027	0.74027	0.010	-9.65023	50.00000	Averaged
M 63 Xylenes (total)	0.66276	0.72378	0.72378	0.010	-9.20743	50.00000	Averaged
64 Xylene-o	50.00000	49.81341	0.69079	0.010	0.37317	0.000e+000	Wt Linear
65 Styrene	50.00000	49.83255	1.15547	0.010	0.33490	0.000e+000	Wt Linear
66 Bromoform	0.17133	0.17365	0.17365	0.100	-1.35261	50.00000	Averaged
67 Isopropylbenzene	50.00000	48.90478	1.64875	0.010	2.19044	0.000e+000	Wt Linear
68 1,1,2,2-Tetrachloroethane	0.65784	0.59616	0.59616	0.300	9.37568	50.00000	Averaged
69 1,4-Dichloro-2-butene	0.13739	0.11350	0.11350	0.010	17.38663	50.00000	Averaged
70 1,2,3-Trichloropropane	0.19736	0.17467	0.17467	0.010	11.49504	50.00000	Averaged
71 Bromobenzene	0.76312	0.76507	0.76507	0.010	-0.25472	50.00000	Averaged
72 n-Propylbenzene	50.00000	51.00362	0.79772	0.010	-2.00724	0.000e+000	Wt Linear
73 2-Chlorotoluene	0.69727	0.72676	0.72676	0.010	-4.22910	50.00000	Averaged
74 1,3,5-Trimethylbenzene	50.00000	50.23515	2.49516	0.010	-0.47031	0.000e+000	Wt Linear
75 4-Chlorotoluene	0.73040	0.76028	0.76028	0.010	-4.09200	50.00000	Averaged
76 tert-Butylbenzene	50.00000	48.75444	1.89263	0.010	2.49112	0.000e+000	Wt Linear
77 1,2,4-Trimethylbenzene	50.00000	50.08861	2.58236	0.010	-0.17721	0.000e+000	Wt Linear
78 sec-Butylbenzene	50.00000	49.94133	2.67049	0.010	0.11733	0.000e+000	Wt Linear
79 4-Isopropyltoluene	50.00000	50.04032	2.31969	0.010	-0.08064	0.000e+000	Wt Linear
80 1,3-Dichlorobenzene	1.48199	1.45558	1.45558	0.010	1.78169	50.00000	Averaged
81 1,4-Dichlorobenzene	1.54845	1.48586	1.48586	0.010	4.04209	50.00000	Averaged
82 n-Butylbenzene	50.00000	48.02872	1.73493	0.010	3.94256	0.000e+000	Wt Linear
83 1,2-Dichlorobenzene	1.46496	1.44677	1.44677	0.010	1.24148	50.00000	Averaged
84 1,2-Dibromo-3-chloropropane	0.08918	0.08250	0.08250	0.010	7.49740	50.00000	Averaged
85 1,2,4-Trichlorobenzene	0.70670	0.67484	0.67484	0.010	4.50747	50.00000	Averaged
86 Hexachlorobutadiene	0.36834	0.35963	0.35963	0.010	2.36547	50.00000	Averaged
87 Naphthalene	50.00000	38.52539	1.14068	0.010	22.94922	0.000e+000	Wt Linear
88 1,2,3-Trichlorobenzene	0.65911	0.60899	0.60899	0.010	7.60444	50.00000	Averaged
98 Cyclohexane	0.42307	0.52418	0.52418	0.010	-23.89894	50.00000	Averaged
143 Methyl Acetate	0.18252	0.17932	0.17932	0.010	1.75068	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D
Report Date: 03-Jun-2010 15:37

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux16.i Injection Date: 03-JUN-2010 12:23
Lab File ID: UXM6646.D Init. Cal. Date(s): 11-MAR-2010 25-MAY-2010
Analysis Type: WATER Init. Cal. Times: 10:29 15:28
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
144 Methylcyclohexane	50.00000	53.20127	0.44147	0.010	-6.40253	0.000e+000	Wt Linear
141 1,3,5-Trichlorobenzene	0.87383	0.85808	0.85808	0.010	1.80194	50.00000	Averaged
149 Vinyl Acetate-86	50.00000	47.20976	0.03022	0.010	5.58048	0.000e+000	Wt Linear

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D
Report Date: 03-Jun-2010 15:37

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D
Lab Smp Id: 50NG-CC
Inj Date : 03-JUN-2010 12:23
Operator : 1644 Inst ID: a3ux16.i
Smp Info : 50NG-CC
Misc Info : M00603A,8260LLUX16,2-8260.SUB,1644,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Meth Date : 03-Jun-2010 15:37 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 8 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV23

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.704	5.704	(1.000)	1586383	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1214613	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.649	10.649	(1.000)	705732	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.900)	425496	50.0000	49.995
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.952)	484150	50.0000	44.974
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1670538	50.0000	52.316
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	592195	50.0000	52.982
8 Dichlorodifluoromethane	85	1.636	1.636	(0.287)	391341	50.0000	54.383
9 Chloromethane	50	1.790	1.790	(0.314)	605682	50.0000	54.362
10 Vinyl Chloride	62	1.909	1.909	(0.335)	577691	50.0000	51.328
11 Bromomethane	94	2.265	2.265	(0.397)	306489	50.0000	48.054
12 Chloroethane	64	2.371	2.371	(0.416)	336776	50.0000	48.942
13 Trichlorofluoromethane	101	2.608	2.608	(0.457)	482813	50.0000	49.895
15 Acrolein	56	3.035	3.035	(0.532)	380005	500.000	435.42
16 Acetone	43	3.190	3.190	(0.559)	231727	100.000	83.591
17 1,1-Dichloroethene	96	3.118	3.118	(0.547)	439305	50.0000	56.919
18 Freon-113	151	3.130	3.130	(0.549)	368553	50.0000	58.502
19 Iodomethane	142	3.273	3.273	(0.574)	811465	50.0000	55.617
20 Carbon Disulfide	76	3.332	3.332	(0.584)	1532711	50.0000	63.161

21 Methylene Chloride	84	3.581	3.581 (0.628)	565900	50.0000	53.636
22 Acetonitrile	41	3.450	3.450 (0.605)	426608	500.000	474.96
23 Acrylonitrile	53	3.818	3.818 (0.669)	273628	100.000	101.97

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D
Report Date: 03-Jun-2010 15:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	3.830	3.830	(0.672)	651081	50.0000	52.946
25 trans-1,2-Dichloroethene	96	3.830	3.830	(0.672)	520140	50.0000	53.546
26 Hexane	86	4.067	4.067	(0.713)	92605	50.0000	65.724
27 Vinyl acetate	43	4.245	4.245	(0.744)	439697	50.0000	55.385
28 1,1-Dichloroethane	63	4.209	4.209	(0.738)	826401	50.0000	52.195
29 tert-Butyl Alcohol	59	3.688	3.688	(0.647)	281327	1000.00	943.42
30 2-Butanone	43	4.731	4.731	(0.830)	284165	100.000	93.357
32 cis-1,2-dichloroethene	96	4.719	4.719	(0.827)	514920	50.0000	51.800
33 2,2-Dichloropropane	77	4.719	4.719	(0.827)	428605	50.0000	50.996
34 Bromochloromethane	128	4.933	4.933	(0.865)	255233	50.0000	51.436
35 Chloroform	83	4.992	4.992	(0.875)	841724	50.0000	50.102
36 Tetrahydrofuran	42	4.968	4.968	(0.871)	75890	50.0000	43.769
37 1,1,1-Trichloroethane	97	5.158	5.158	(0.904)	646939	50.0000	50.788
38 1,1-Dichloropropene	75	5.288	5.288	(0.927)	643012	50.0000	55.935
39 Carbon Tetrachloride	117	5.300	5.300	(0.929)	607448	50.0000	53.097
40 1,2-Dichloroethane	62	5.490	5.490	(0.963)	617265	50.0000	48.269
41 Benzene	78	5.478	5.478	(0.961)	2014978	50.0000	53.364
42 Trichloroethene	130	6.024	6.024	(1.056)	505757	50.0000	52.690
43 1,2-Dichloropropane	63	6.225	6.225	(1.091)	432266	50.0000	51.592
44 1,4-Dioxane	88	6.344	6.344	(1.112)	131253	2500.00	2253.7
45 Dibromomethane	93	6.332	6.332	(1.110)	245674	50.0000	48.278
46 Bromodichloromethane	83	6.451	6.451	(1.131)	553085	50.0000	51.767
47 2-Chloroethyl vinyl ether	63	6.700	6.700	(1.175)	306820	100.000	88.124
48 cis-1,3-Dichloropropene	75	6.842	6.842	(1.200)	575095	50.0000	53.290
49 4-Methyl-2-pentanone	43	6.972	6.972	(1.222)	489446	100.000	97.416
50 Toluene	91	7.150	7.150	(0.850)	2059537	50.0000	52.323
51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	472752	50.0000	49.776
52 Ethyl Methacrylate	69	7.399	7.399	(0.880)	382188	50.0000	43.831
53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	356030	50.0000	47.941
54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	624510	50.0000	47.946
55 Tetrachloroethene	164	7.636	7.636	(0.908)	417021	50.0000	51.714
56 2-Hexanone	43	7.719	7.719	(0.918)	314064	100.000	85.598
57 Dibromochloromethane	129	7.874	7.874	(0.937)	376376	50.0000	50.760
58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	319348	50.0000	47.757
59 Chlorobenzene	112	8.443	8.443	(1.004)	1292167	50.0000	49.167
60 1,1,1,2-Tetrachloroethane	131	8.502	8.502	(1.011)	456820	50.0000	51.173
61 Ethylbenzene	106	8.526	8.526	(1.014)	679948	50.0000	53.004
62 m + p-Xylene	106	8.633	8.633	(1.027)	1798293	100.000	109.65
64 Xylene-o	106	9.012	9.012	(1.072)	839039	50.0000	49.813
65 Styrene	104	9.024	9.024	(1.073)	1403449	50.0000	49.832
66 Bromoform	173	9.225	9.225	(1.097)	210916	50.0000	50.676
67 Isopropylbenzene	105	9.356	9.356	(1.113)	2002592	50.0000	48.905
68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	420730	50.0000	45.312
69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	80101	50.0000	41.307
70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	123271	50.0000	44.252
71 Bromobenzene	156	9.676	9.676	(0.909)	539931	50.0000	50.127
72 n-Propylbenzene	120	9.759	9.759	(0.916)	562976	50.0000	51.004
73 2-Chlorotoluene	126	9.854	9.854	(0.925)	512899	50.0000	52.114
74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1760915	50.0000	50.235
75 4-Chlorotoluene	126	9.961	9.961	(0.935)	536557	50.0000	52.046
76 tert-Butylbenzene	119	10.245	10.245	(0.962)	1335692	50.0000	48.754
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1822452	50.0000	50.089

78 sec-Butylbenzene	105	10.459	10.459 (0.982)	1884648	50.0000	49.941
79 4-Isopropyltoluene	119	10.601	10.601 (0.996)	1637077	50.0000	50.040

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D
Report Date: 03-Jun-2010 15:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	1027252	50.0000	49.109
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	1048617	50.0000	47.979
82 n-Butylbenzene	91	11.004	11.004	(1.033)	1224398	50.0000	48.029
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	1021035	50.0000	49.379
84 1,2-Dibromo-3-chloropropane	157	11.823	11.823	(1.110)	58221	50.0000	46.251
85 1,2,4-Trichlorobenzene	180	12.653	12.653	(1.188)	476258	50.0000	47.746
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	253799	50.0000	48.817
87 Naphthalene	128	12.913	12.913	(1.213)	805011	50.0000	38.525
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	429781	50.0000	46.198
98 Cyclohexane	56	5.205	5.205	(0.913)	831546	50.0000	61.949
143 Methyl Acetate	43	3.486	3.486	(0.611)	568943	100.000	98.249
144 Methylcyclohexane	83	6.190	6.190	(1.085)	700336	50.0000	53.201
141 1,3,5-Trichlorobenzene	180	12.024	12.024	(1.129)	605576	50.0000	49.099
149 Vinyl Acetate-86	86	4.245	4.245	(0.744)	47933	50.0000	47.210

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D
Report Date: 03-Jun-2010 15:37

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

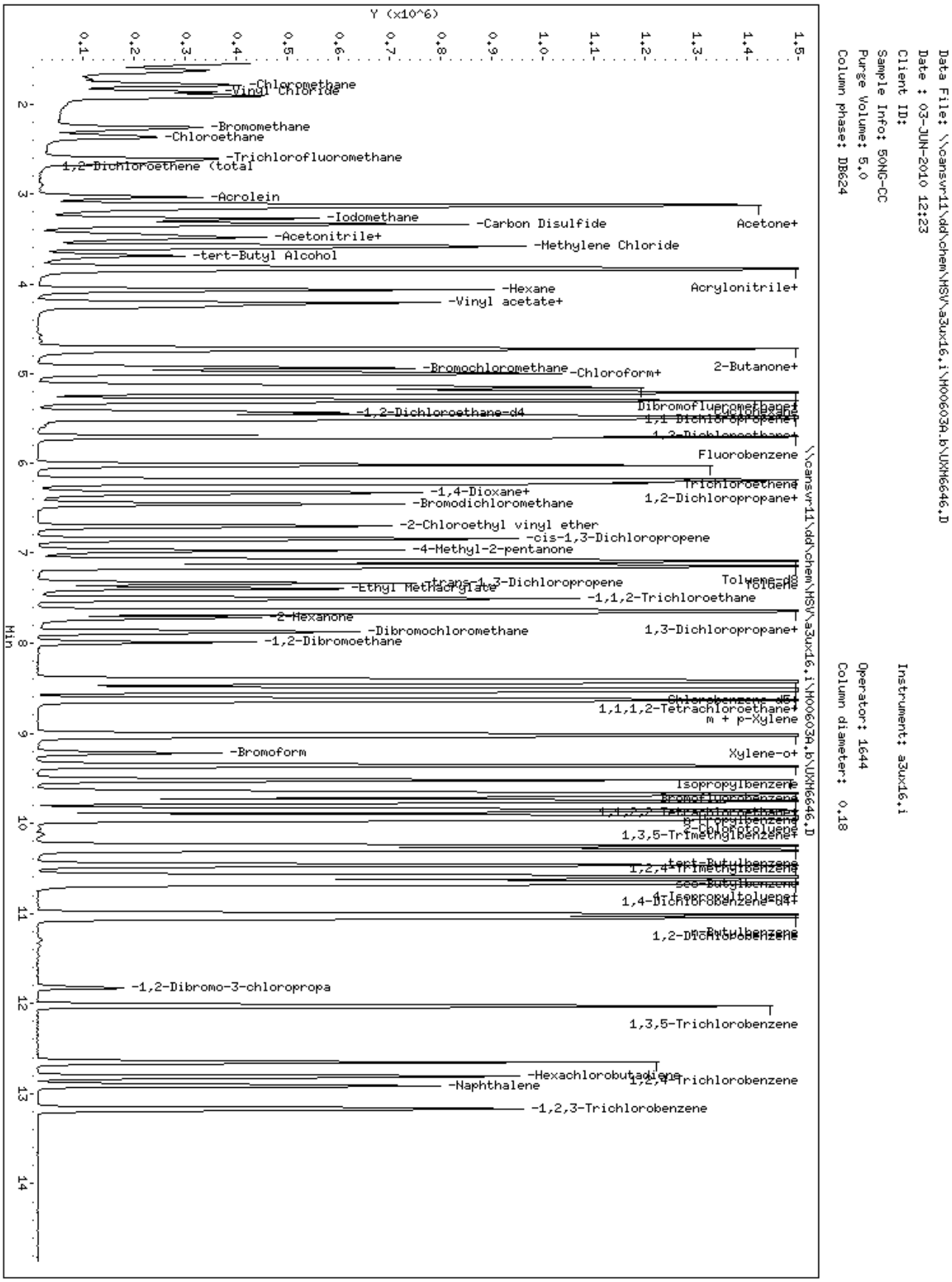
Instrument ID: a3ux16.i
Lab File ID: UXM6646.D
Lab Smp Id: 50NG-CC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Misc Info: M00603A,8260LLUX16,2-8260.SUB,1644,2

Calibration Date: 03-JUN-2010
Calibration Time: 12:44
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1590017	795009	3180034	1586383	-0.23
2 Chlorobenzene-d5	1117945	558973	2235890	1214613	8.65
3 1,4-Dichlorobenze	537471	268736	1074942	705732	31.31

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.70	-0.21
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D
Date : 03-JUN-2010 12:23
Client ID:
Sample Info: 50NG-CC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
1,2-Dichloroethene (total
-Acrolein
-Iodomethane
-Carbon Disulfide
Acetone+
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane
Acrylonitrile+
-Vinyl acetate+
-Bromochloromethane
-Chloroform+
2-Butanone+
Dibromofluoromethane+
-1,2-Dichloroethane-d4
Cyclohexane
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene
Trichloroethene
-1,4-Dioxane+
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
trans-1,3-Dichloropropene
Toluene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene-d4+
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
-Hexachlorobutadiene
1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6646.D

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6647.D
Report Date: 03-Jun-2010 13:00

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux16.i Injection Date: 03-JUN-2010 12:44
Lab File ID: UXM6647.D Init. Cal. Date(s): 11-MAR-2010 25-MAY-2010
Analysis Type: WATER Init. Cal. Times: 10:29 15:28
Lab Sample ID: 50NG-A9CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
14 Dichlorofluoromethane	0.49211	0.45080	0.45080	0.010	8.39354	50.00000	Averaged	
89 Ethyl Ether	0.23534	0.22535	0.22535	0.010	4.24423	50.00000	Averaged	
91 3-Chloropropene	0.13779	0.13616	0.13616	0.010	1.18351	50.00000	Averaged	
92 Isopropyl Ether	0.23614	0.24290	0.24290	0.010	-2.86346	50.00000	Averaged	
93 2-Chloro-1,3-butadiene	0.41563	0.41218	0.41218	0.010	0.83163	50.00000	Averaged	
94 Propionitrile	0.02814	0.02779	0.02779	0.010	1.26940	50.00000	Averaged	
95 Ethyl Acetate	0.16606	0.15280	0.15280	0.010	7.98597	50.00000	Averaged	
96 Methacrylonitrile	0.11908	0.11422	0.11422	0.010	4.08602	50.00000	Averaged	
97 Isobutanol	0.00823	0.00758	0.00758	0.010	7.96644	50.00000	Averaged	<-
99 n-Butanol	1000	951	0.00460	0.010	4.91883	0.000e+000	Wt Linear	<-
100 Methyl Methacrylate	0.13758	0.13377	0.13377	0.010	2.77124	50.00000	Averaged	
101 2-Nitropropane	0.03963	0.03607	0.03607	0.010	8.98129	50.00000	Averaged	
103 Cyclohexanone	500	426	0.01436	0.010	14.75337	0.000e+000	Wt Linear	
151 t-Butyl ethyl ether	0.47116	0.48375	0.48375	0.010	-2.67263	50.00000	Averaged	
152 t-Amyl methyl ether	0.36295	0.38913	0.38913	0.010	-7.21451	50.00000	Averaged	
153 1,2,3-Trimethylbenzene	50.00000	44.50333	2.58467	0.010	10.99334	0.000e+000	Wt Linear	

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6647.D
Report Date: 03-Jun-2010 13:00

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VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6647.D
Lab Smp Id: 50NG-A9CC
Inj Date : 03-JUN-2010 12:44
Operator : 1644 Inst ID: a3ux16.i
Smp Info : 50NG-A9CC
Misc Info : M00603A,8260LLUX16,3-IX.SUB,1644,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Meth Date : 03-Jun-2010 13:00 quayler Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 9 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1590017	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1117945	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	537471	50.0000	
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	716782	50.0000	45.803
89 Ethyl Ether	59	2.905	2.905	(0.508)	358312	50.0000	47.878
91 3-Chloropropene	76	3.474	3.474	(0.608)	216489	50.0000	49.408
92 Isopropyl Ether	87	4.257	4.257	(0.745)	1931053	250.000	257.16
93 2-Chloro-1,3-butadiene	53	4.292	4.292	(0.751)	655370	50.0000	49.584
94 Propionitrile	54	4.790	4.790	(0.838)	88362	100.000	98.730
95 Ethyl Acetate	43	4.778	4.778	(0.836)	485906	100.000	92.014
96 Methacrylonitrile	41	4.921	4.921	(0.861)	181605	50.0000	47.957
97 Isobutanol	41	5.371	5.371	(0.639)	169433	1000.00	920.34
99 n-Butanol	56	5.941	5.941	(0.707)	102914	1000.00	950.81
100 Methyl Methacrylate	41	6.296	6.296	(1.102)	212700	50.0000	48.614
101 2-Nitropropane	41	6.664	6.664	(1.166)	114696	100.000	91.019
103 Cyclohexanone	55	9.474	9.474	(0.890)	77177	500.000	426.23
151 t-Butyl ethyl ether	59	4.577	4.577	(0.801)	769172	50.0000	51.336
152 t-Amyl methyl ether	73	5.549	5.549	(0.971)	618728	50.0000	53.607
153 1,2,3-Trimethylbenzene	105	10.720	10.720	(1.007)	1389186	50.0000	44.503

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6647.D
Report Date: 03-Jun-2010 13:00

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

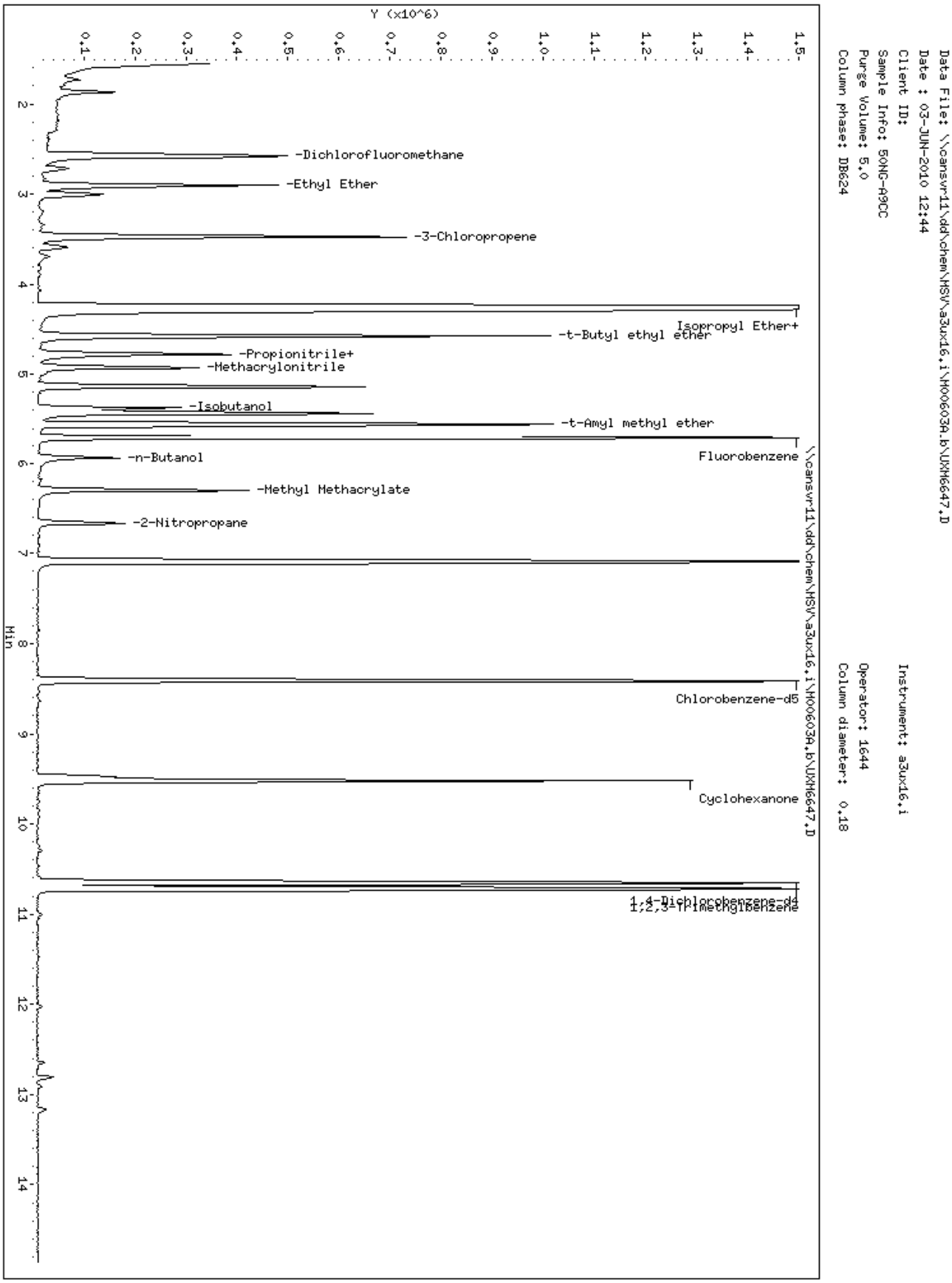
Instrument ID: a3ux16.i
Lab File ID: UXM6647.D
Lab Smp Id: 50NG-A9CC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Misc Info: M00603A,8260LLUX16,3-IX.SUB,1644,2

Calibration Date: 03-JUN-2010
Calibration Time: 12:23
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1586383	793192	3172766	1590017	0.23
2 Chlorobenzene-d5	1214613	607307	2429226	1117945	-7.96
3 1,4-Dichlorobenze	705732	352866	1411464	537471	-23.84

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.70	5.20	6.20	5.72	0.21
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	-0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6647.D
Date : 03-JUN-2010 12:44
Client ID:
Sample Info: 50NG-A9CC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
-Dichlorofluoromethane
-Ethyl Ether
-3-Chloropropene
Isopropyl Ether+
-t-Butyl ethyl ether
-Propionitrile+
-Methacrylonitrile
-Isobutanol
-t-Amyl methyl ether
Fluorobenzene
-n-Butanol
-Methyl Methacrylate
-2-Nitropropane
\\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6647.D
Chlorobenzene-d5
Cyclohexanone
1,4-Dichlorobenzene-d4
1,2,3-Trimethylbenzene
Min

RAW QC DATA

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Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\BFB1460.D
Lab Smp Id: 50ng bfb Client Smp ID: 50NG BFB
Inj Date : 25-MAY-2010 10:39
Operator : 1904 Inst ID: a3ux16.i
Smp Info :
Misc Info : M00525A-IC,BFBUX16,,1904
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\BFBUX16.m
Meth Date : 05-Feb-2009 13:38 quayler Quant Type: ESTD
Cal Date : 01-MAR-2000 19:29 Cal File: uxx0287.d
Als bottle: 35 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CANSVR11

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	1.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.833	3.740	0.093	95	154432			100.00- 100.00	100.00
3.833	3.740	0.093	50	30488			15.00- 40.00	19.74
3.833	3.740	0.093	75	79280			30.00- 60.00	51.34
3.833	3.740	0.093	96	9805			5.00- 9.00	6.35
3.833	3.740	0.093	173	0	0.0	0.0	0.00- 2.00	0.00
3.833	3.740	0.093	174	133504			50.00- 100.00	86.45
3.833	3.740	0.093	175	9568			5.00- 9.00	7.17
3.833	3.740	0.093	176	128992			95.00- 101.00	96.62
3.833	3.740	0.093	177	8050			5.00- 9.00	6.24

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\BFB1460.D

Date : 25-MAY-2010 10:39

Client ID: 50NG BFB

Instrument: a3ux16.i

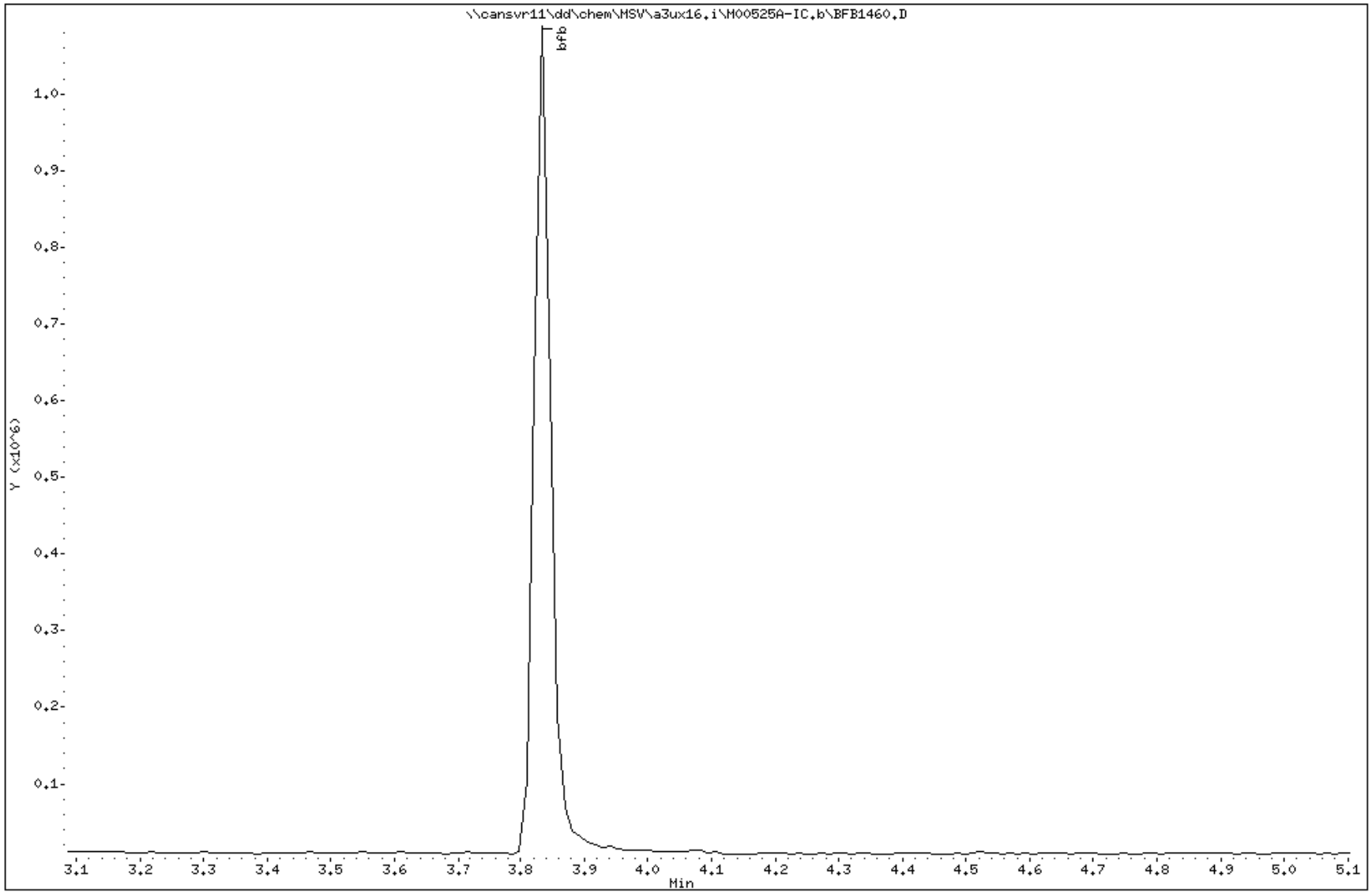
Sample Info:

Volume Injected (uL): 1.0

Operator: 1904

Column phase: DB624 20M

Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\BFB1460.D Page 2

Date : 25-MAY-2010 10:39

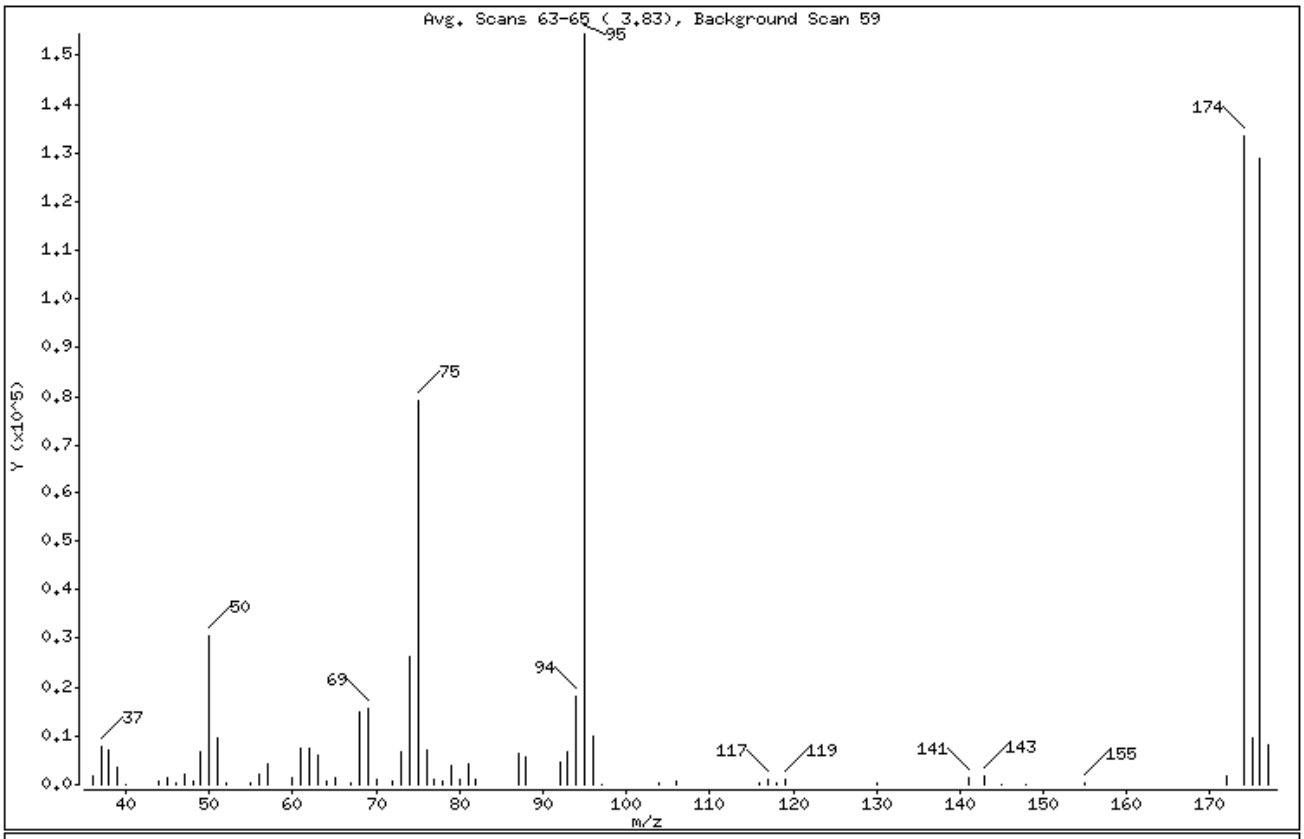
Client ID: 50NG BFB Instrument: a3ux16.i

Sample Info:

Volume Injected (uL): 1.0 Operator: 1904

Column phase: DB624 20M Column diameter: 0.18

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	19.74
75	30.00 - 60.00% of mass 95	51.34
96	5.00 - 9.00% of mass 95	6.35
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	86.45
175	5.00 - 9.00% of mass 174	6.20 (7.17)
176	95.00 - 101.00% of mass 174	83.53 (96.62)
177	5.00 - 9.00% of mass 176	5.21 (6.24)

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00525A-IC.b\BFB1460.D

Date : 25-MAY-2010 10:39

Client ID: 50NG BFB Instrument: a3ux16.i

Sample Info:

Volume Injected (uL): 1.0 Operator: 1904

Column phase: DB624 20M Column diameter: 0.18

Data File: BFB1460.D
Spectrum: Avg. Scans 63-65 (3.83), Background Scan 59
Location of Maximum: 95.00
Number of points: 63

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1677	57.00	4405	77.00	908	116.00	249
37.00	7792	60.00	1563	78.00	637	117.00	997
38.00	7150	61.00	7514	79.00	4024	118.00	265
39.00	3491	62.00	7297	80.00	1210	119.00	902
40.00	87	63.00	5925	81.00	4294	130.00	293
44.00	608	64.00	870	82.00	1045	141.00	1369
45.00	1418	65.00	1384	87.00	6287	143.00	1680
46.00	180	67.00	214	88.00	5817	145.00	170
47.00	2187	68.00	15026	92.00	4635	148.00	177
48.00	874	69.00	15510	93.00	6669	155.00	184
49.00	6887	70.00	1207	94.00	17944	172.00	1606
50.00	30488	72.00	752	95.00	154432	174.00	133504
51.00	9411	73.00	6731	96.00	9805	175.00	9568
52.00	465	74.00	26216	97.00	169	176.00	128992
55.00	182	75.00	79280	104.00	494	177.00	8050
56.00	2192	76.00	7166	106.00	565		

TestAmerica North Canton

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\BFB1468A.D
Lab Smp Id: 50NG-BFB Client Smp ID: 50NG BFB
Inj Date : 01-JUN-2010 22:00
Operator : 1644 Inst ID: a3ux16.i
Smp Info : 50NG-BFB
Misc Info : M00601B,BFBUX16,,1644
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\BFBUX16.m
Meth Date : 05-Feb-2009 13:38 quayler Quant Type: ESTD
Cal Date : 01-MAR-2000 19:29 Cal File: uxx0287.d
Als bottle: 28 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CANSVR11

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	1.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.833	3.740	0.093	95	260480			100.00- 100.00	100.00
3.833	3.740	0.093	50	42224			15.00- 40.00	16.21
3.833	3.740	0.093	75	124784			30.00- 60.00	47.91
3.833	3.740	0.093	96	17312			5.00- 9.00	6.65
3.833	3.740	0.093	173	0	0.0	0.0	0.00- 2.00	0.00
3.833	3.740	0.093	174	221952			50.00- 100.00	85.21
3.833	3.740	0.093	175	15422			5.00- 9.00	6.95
3.833	3.740	0.093	176	212672			95.00- 101.00	95.82
3.833	3.740	0.093	177	13648			5.00- 9.00	6.42

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\BFB1468A.D

Page 1

Date : 01-JUN-2010 22:00

Client ID: 50NG BFB

Instrument: a3ux16.i

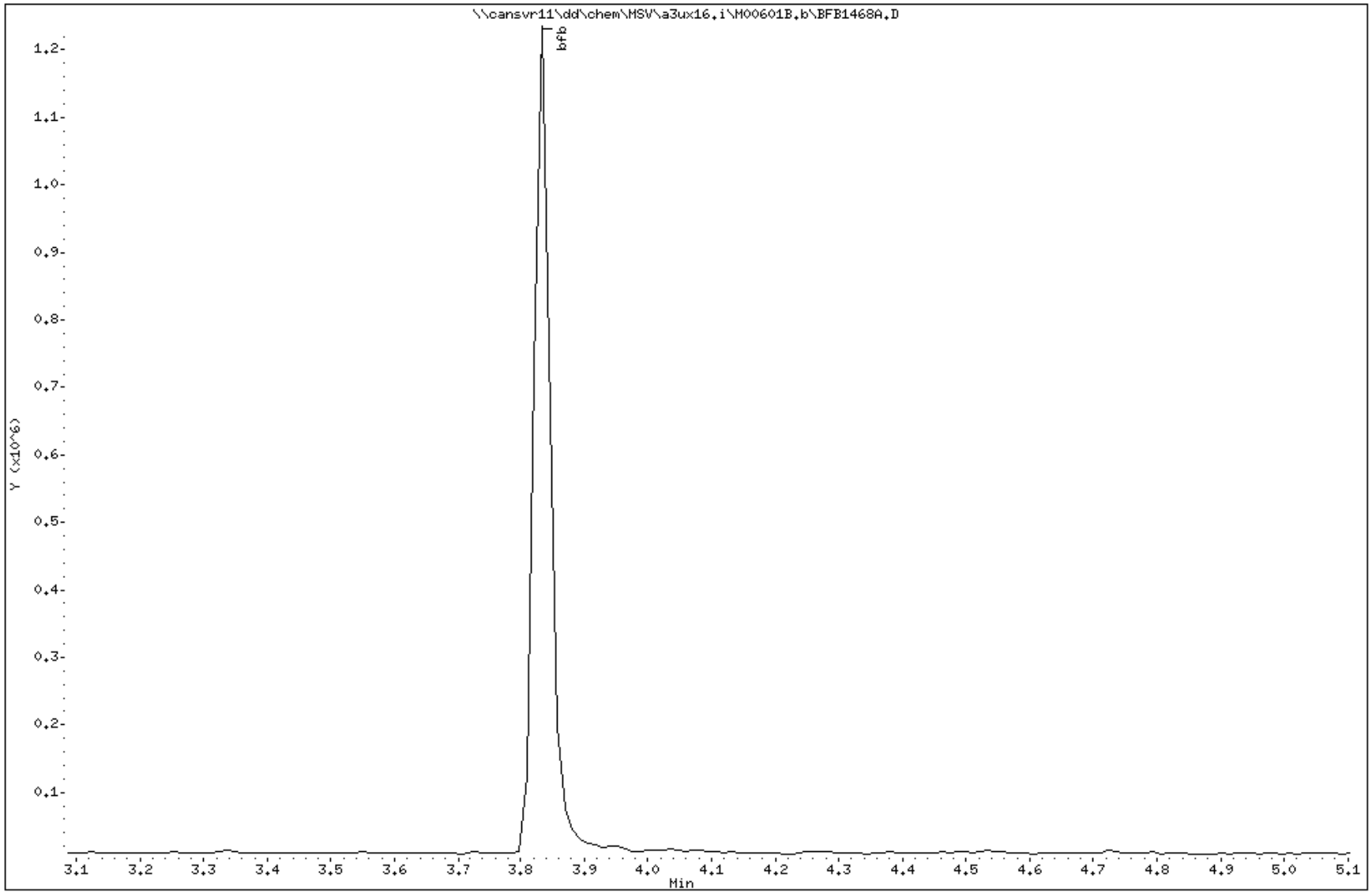
Sample Info: 50NG-BFB

Volume Injected (uL): 1.0

Operator: 1644

Column phase: DB624 20M

Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\BFB1468A.D

Date : 01-JUN-2010 22:00

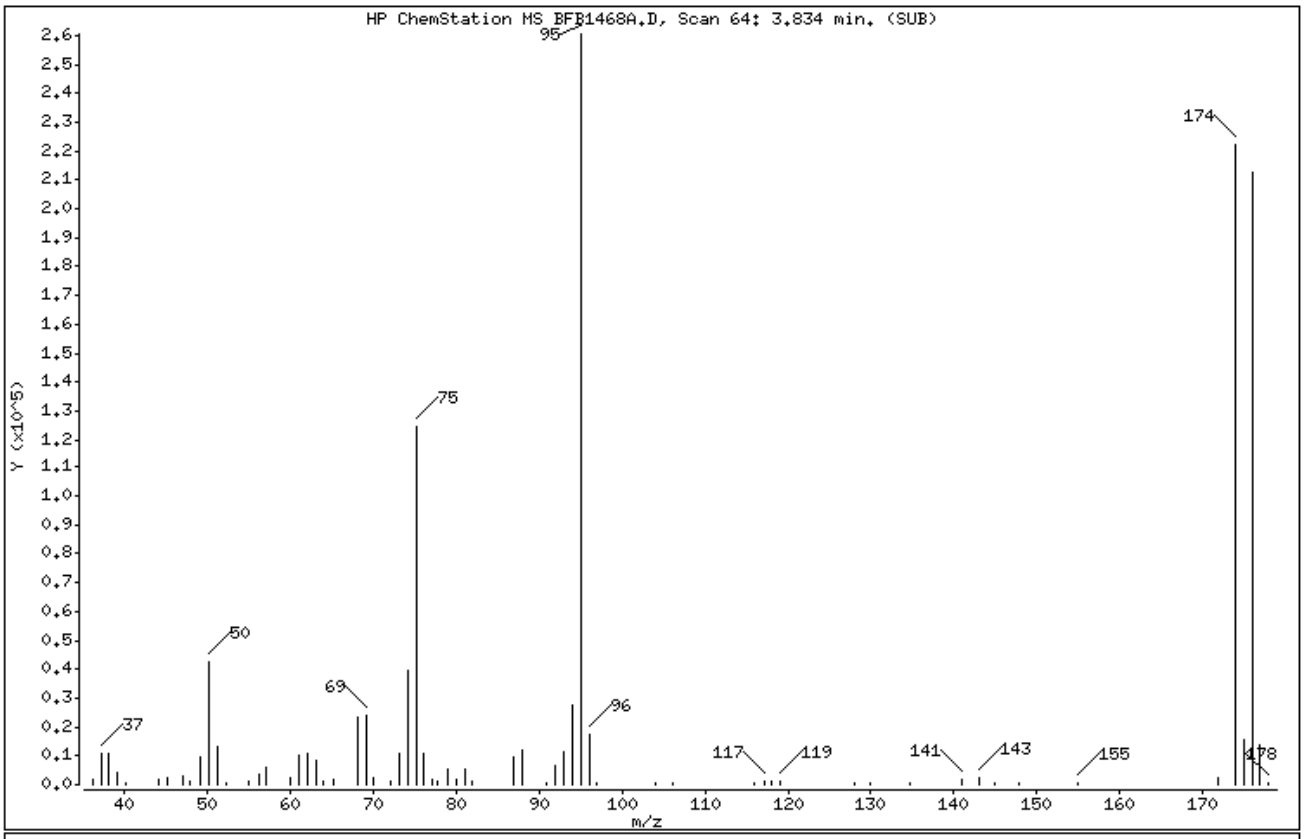
Client ID: 50NG BFB | Instrument: a3ux16.i

Sample Info: 50NG-BFB

Volume Injected (uL): 1.0 | Operator: 1644

Column phase: DB624 20M | Column diameter: 0.18

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	16.21
75	30.00 - 60.00% of mass 95	47.91
96	5.00 - 9.00% of mass 95	6.65
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	85.21
175	5.00 - 9.00% of mass 174	5.92 (6.95)
176	95.00 - 101.00% of mass 174	81.65 (95.82)
177	5.00 - 9.00% of mass 176	5.24 (6.42)

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\BFB1468A.D

Date : 01-JUN-2010 22:00

Client ID: 50NG BFB Instrument: a3ux16.i

Sample Info: 50NG-BFB

Volume Injected (uL): 1.0 Operator: 1644

Column phase: DB624 20M Column diameter: 0.18

Data File: BFB1468A.D
Spectrum: HP ChemStation MS BFB1468A.D, Scan 64: 3.834 min. (SUB)
Location of Maximum: 95.10
Number of points: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.10	1728	61.10	10135	81.00	5602	128.00	802
37.10	10954	62.10	10730	81.90	1282	129.90	779
38.10	10606	63.10	8277	87.00	9546	134.80	689
39.10	4085	64.00	1219	88.00	11754	141.00	1785
40.10	526	65.10	1616	90.90	624	143.00	2182
44.10	1714	68.00	23168	92.00	6625	145.00	502
45.10	2267	69.10	23792	93.00	11452	147.90	631
47.00	2726	70.00	2096	94.10	27664	155.00	741
47.80	1255	72.00	1330	95.10	260480	172.00	2373
49.00	9580	73.10	10703	96.10	17312	174.00	221952
50.10	42224	74.10	39280	97.00	555	175.00	15422
51.10	13180	75.10	124784	104.00	634	176.00	212672
52.20	720	76.00	10988	106.10	898	177.00	13648
55.00	1103	77.00	1828	115.90	811	178.00	504
56.10	3591	77.80	1067	117.10	1496		
57.10	5803	79.00	5220	118.00	899		
60.00	2190	80.00	1983	119.00	1048		

TestAmerica North Canton

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\BFB1470.D
Lab Smp Id: 50ng bfb Client Smp ID: 50NG BFB
Inj Date : 03-JUN-2010 11:42
Operator : 1644 Inst ID: a3ux16.i
Smp Info :
Misc Info : M00603A,BFBUX16,,1644
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\BFBUX16.m
Meth Date : 05-Feb-2009 13:38 quayler Quant Type: ESTD
Cal Date : 01-MAR-2000 19:29 Cal File: uxx0287.d
Als bottle: 28 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CANSVR11

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	1.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.833	3.740	0.093	95	188224			100.00- 100.00	100.00
3.833	3.740	0.093	50	33024			15.00- 40.00	17.55
3.833	3.740	0.093	75	89072			30.00- 60.00	47.32
3.833	3.740	0.093	96	12544			5.00- 9.00	6.66
3.833	3.740	0.093	173	1272			0.00- 2.00	0.77
3.833	3.740	0.093	174	166272			50.00- 100.00	88.34
3.833	3.740	0.093	175	11673			5.00- 9.00	7.02
3.833	3.740	0.093	176	158720			95.00- 101.00	95.46
3.833	3.740	0.093	177	10124			5.00- 9.00	6.38

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\BFB1470.D

Page 1

Date : 03-JUN-2010 11:42

Client ID: 50NG BFB

Instrument: a3ux16.i

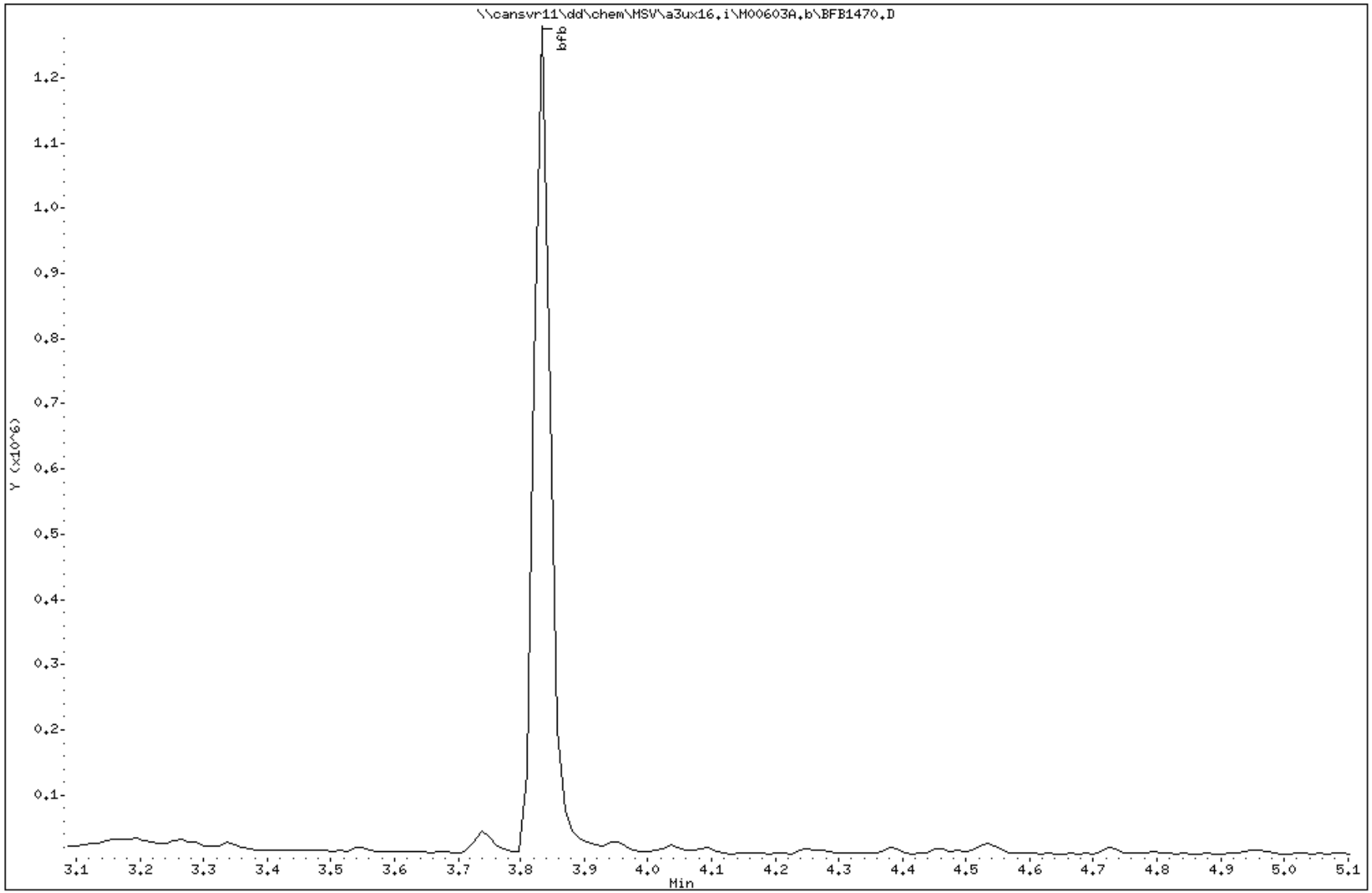
Sample Info:

Volume Injected (uL): 1.0

Operator: 1644

Column phase: DB624 20M

Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\BFB1470.D Page 2

Date : 03-JUN-2010 11:42

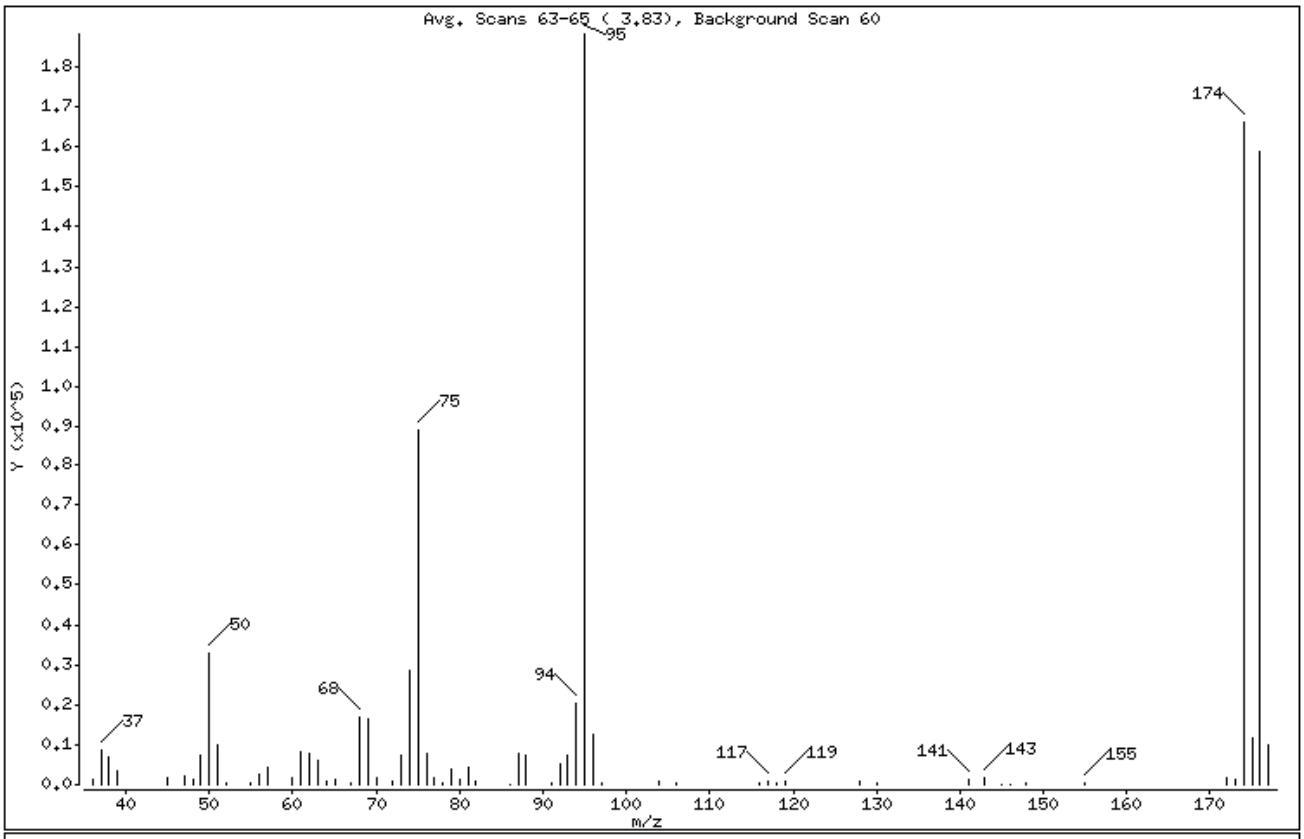
Client ID: 50NG BFB Instrument: a3ux16.i

Sample Info:

Volume Injected (uL): 1.0 Operator: 1644

Column phase: DB624 20M Column diameter: 0.18

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	17.55
75	30.00 - 60.00% of mass 95	47.32
96	5.00 - 9.00% of mass 95	6.66
173	Less than 2.00% of mass 174	0.68 (0.77)
174	50.00 - 100.00% of mass 95	88.34
175	5.00 - 9.00% of mass 174	6.20 (7.02)
176	95.00 - 101.00% of mass 174	84.33 (95.46)
177	5.00 - 9.00% of mass 176	5.38 (6.38)

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\BFB1470.D

Date : 03-JUN-2010 11:42

Client ID: 50NG BFB Instrument: a3ux16.i

Sample Info:

Volume Injected (uL): 1.0 Operator: 1644

Column phase: DB624 20M Column diameter: 0.18

Data File: BFB1470.D
Spectrum: Avg. Scans 63-65 (3.83), Background Scan 60
Location of Maximum: 95.00
Number of points: 65

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1163	63.00	6105	82.00	915	128.00	722
37.00	8572	64.00	774	86.00	200	130.00	548
38.00	6950	65.00	1241	87.00	7831	141.00	1385
39.00	3302	67.00	432	88.00	7197	143.00	1678
45.00	1656	68.00	17032	91.00	507	145.00	173
47.00	2245	69.00	16584	92.00	5357	146.00	192
48.00	1100	70.00	1646	93.00	7230	148.00	379
49.00	7148	72.00	914	94.00	20304	155.00	229
50.00	33024	73.00	7406	95.00	188224	172.00	1586
51.00	9840	74.00	28752	96.00	12544	173.00	1272
52.00	381	75.00	89072	97.00	231	174.00	166272
55.00	588	76.00	7630	104.00	749	175.00	11673
56.00	2662	77.00	1570	106.00	490	176.00	158720
57.00	4253	78.00	478	116.00	484	177.00	10124
60.00	1611	79.00	3683	117.00	784		
61.00	8023	80.00	1267	118.00	516		
62.00	7638	81.00	4249	119.00	919		

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0155058
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**100**	**(80 - 116)**			**SW846 8260B**
	99	**(80 - 116)**	**0.46**	**(0-20)**	**SW846 8260B**
Acetone	79	(22 - 200)			SW846 8260B
	79	(22 - 200)	0.030	(0-95)	SW846 8260B
Bromobenzene	93	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.4	(0-30)	SW846 8260B
Carbon disulfide	112	(73 - 139)			SW846 8260B
	110	(73 - 139)	1.5	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	98	(82 - 116)			SW846 8260B
	99	(82 - 116)	1.0	(0-30)	SW846 8260B
Bromochloromethane	95	(70 - 130)			SW846 8260B
	95	(70 - 130)	0.33	(0-30)	SW846 8260B
2-Butanone	88	(28 - 237)			SW846 8260B
	90	(28 - 237)	2.7	(0-65)	SW846 8260B
Bromodichloromethane	95	(87 - 130)			SW846 8260B
	95	(87 - 130)	0.12	(0-30)	SW846 8260B
Bromoform	95	(76 - 150)			SW846 8260B
	93	(76 - 150)	1.4	(0-30)	SW846 8260B
Bromomethane	76	(64 - 129)			SW846 8260B
	73	(64 - 129)	3.8	(0-30)	SW846 8260B
n-Butylbenzene	89	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.2	(0-30)	SW846 8260B
4-Methyl-2-pentanone	95	(78 - 141)			SW846 8260B
	99	(78 - 141)	4.3	(0-32)	SW846 8260B
2-Hexanone	87	(35 - 200)			SW846 8260B
	88	(35 - 200)	0.95	(0-52)	SW846 8260B
sec-Butylbenzene	89	(70 - 130)			SW846 8260B
	90	(70 - 130)	1.1	(0-30)	SW846 8260B
tert-Butylbenzene	89	(70 - 130)			SW846 8260B
	90	(70 - 130)	1.8	(0-30)	SW846 8260B
Xylenes (total)	99	(87 - 116)			SW846 8260B
	98	(87 - 116)	1.4	(0-30)	SW846 8260B
Carbon tetrachloride	93	(75 - 149)			SW846 8260B
	92	(75 - 149)	1.5	(0-30)	SW846 8260B
Chlorobenzene	**93**	**(76 - 117)**			**SW846 8260B**
	92	**(76 - 117)**	**1.3**	**(0-20)**	**SW846 8260B**

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromochloromethane	93	(81 - 138)			SW846 8260B
	91	(81 - 138)	2.3	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	108	(70 - 130)			SW846 8260B
	108	(70 - 130)	0.010	(0-30)	SW846 8260B
Methyl acetate	89	(70 - 130)			SW846 8260B
	89	(70 - 130)	0.40	(0-30)	SW846 8260B
Chloroethane	81	(66 - 126)			SW846 8260B
	79	(66 - 126)	2.5	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	96	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.6	(0-30)	SW846 8260B
Cyclohexane	90	(70 - 130)			SW846 8260B
	93	(70 - 130)	2.8	(0-30)	SW846 8260B
Methylcyclohexane	84	(70 - 130)			SW846 8260B
	85	(70 - 130)	1.4	(0-30)	SW846 8260B
Chloroform	93	(84 - 128)			SW846 8260B
	93	(84 - 128)	0.44	(0-30)	SW846 8260B
Chloromethane	74	(48 - 123)			SW846 8260B
	74	(48 - 123)	0.49	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	90	(70 - 130)			SW846 8260B
	94	(70 - 130)	4.8	(0-30)	SW846 8260B
2-Chlorotoluene	95	(70 - 130)			SW846 8260B
	96	(70 - 130)	1.4	(0-30)	SW846 8260B
Methyl tert-butyl ether	96	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.6	(0-30)	SW846 8260B
n-Hexane	109	(70 - 130)			SW846 8260B
	113	(70 - 130)	3.8	(0-30)	SW846 8260B
4-Chlorotoluene	96	(70 - 130)			SW846 8260B
	96	(70 - 130)	0.48	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	80	(70 - 130)			SW846 8260B
	83	(70 - 130)	3.8	(0-30)	SW846 8260B
Acetonitrile	94	(50 - 130)			SW846 8260B
	89	(50 - 130)	5.5	(0-30)	SW846 8260B
1,2-Dibromoethane	94	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.9	(0-30)	SW846 8260B
Acrolein	119	(50 - 130)			SW846 8260B
	123	(50 - 130)	3.3	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	120	(70 - 130)			SW846 8260B
	121	(70 - 130)	1.1	(0-30)	SW846 8260B
Acrylonitrile	98	(50 - 130)			SW846 8260B
	101	(50 - 130)	2.3	(0-30)	SW846 8260B
Dibromomethane	93	(70 - 130)			SW846 8260B
	93	(70 - 130)	0.37	(0-30)	SW846 8260B
1,2-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	91	(70 - 130)	0.76	(0-30)	SW846 8260B
1,3-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	91	(70 - 130)	0.36	(0-30)	SW846 8260B
1,4-Dichlorobenzene	89	(70 - 130)			SW846 8260B
	90	(70 - 130)	0.72	(0-30)	SW846 8260B
Iodomethane	106	(70 - 130)			SW846 8260B
	105	(70 - 130)	1.1	(0-30)	SW846 8260B
Isopropyl ether	99	(70 - 130)			SW846 8260B
	100	(70 - 130)	1.6	(0-30)	SW846 8260B
Dichlorodifluoromethane	51 a	(70 - 130)			SW846 8260B
	51 a	(70 - 130)	1.0	(0-30)	SW846 8260B
1,1-Dichloroethane	97	(86 - 123)			SW846 8260B
	97	(86 - 123)	0.010	(0-30)	SW846 8260B
1,2-Dichloroethane	90	(79 - 136)			SW846 8260B
	91	(79 - 136)	1.4	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	97	(85 - 113)			SW846 8260B
	98	(85 - 113)	1.1	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	100	(80 - 120)			SW846 8260B
	101	(80 - 120)	1.0	(0-30)	SW846 8260B
1,1-Dichloroethene	**108**	**(63 - 130)**			**SW846 8260B**
	107	**(63 - 130)**	**0.98**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	97	(82 - 115)			SW846 8260B
	97	(82 - 115)	0.27	(0-30)	SW846 8260B
1,3-Dichloropropane	93	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.91	(0-30)	SW846 8260B
2,2-Dichloropropane	93	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.38	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(84 - 130)			SW846 8260B
	97	(84 - 130)	3.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	94	(84 - 130)			SW846 8260B
	95	(84 - 130)	1.1	(0-30)	SW846 8260B
1,1-Dichloropropene	100	(70 - 130)			SW846 8260B
	100	(70 - 130)	0.72	(0-30)	SW846 8260B
Ethylbenzene	99	(86 - 116)			SW846 8260B
	97	(86 - 116)	2.4	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Hexachlorobutadiene	82	(70 - 130)			SW846 8260B
	85	(70 - 130)	2.8	(0-30)	SW846 8260B
Isopropylbenzene	92	(70 - 130)			SW846 8260B
	90	(70 - 130)	1.8	(0-30)	SW846 8260B
p-Isopropyltoluene	92	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.85	(0-30)	SW846 8260B
Methylene chloride	100	(78 - 118)			SW846 8260B
	97	(78 - 118)	2.3	(0-30)	SW846 8260B
Naphthalene	75	(70 - 130)			SW846 8260B
	80	(70 - 130)	6.1	(0-30)	SW846 8260B
n-Propylbenzene	95	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.080	(0-30)	SW846 8260B
Styrene	93	(85 - 117)			SW846 8260B
	92	(85 - 117)	1.2	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	93	(70 - 130)			SW846 8260B
	92	(70 - 130)	1.3	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	86	(85 - 118)			SW846 8260B
	87	(85 - 118)	0.48	(0-30)	SW846 8260B
Tetrachloroethene	94	(88 - 113)			SW846 8260B
	92	(88 - 113)	2.1	(0-30)	SW846 8260B
Toluene	**98**	**(74 - 119)**			**SW846 8260B**
	96	**(74 - 119)**	**1.4**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	90	(70 - 130)			SW846 8260B
	93	(70 - 130)	4.1	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	90	(70 - 130)			SW846 8260B
	93	(70 - 130)	3.3	(0-30)	SW846 8260B
1,1,1-Trichloroethane	92	(78 - 140)			SW846 8260B
	92	(78 - 140)	0.61	(0-30)	SW846 8260B
1,1,2-Trichloroethane	90	(83 - 122)			SW846 8260B
	89	(83 - 122)	0.54	(0-30)	SW846 8260B
Trichloroethene	**94**	**(75 - 122)**			**SW846 8260B**
	95	**(75 - 122)**	**1.1**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	82	(70 - 130)			SW846 8260B
	81	(70 - 130)	1.5	(0-30)	SW846 8260B
1,2,3-Trichloropropane	93	(70 - 130)			SW846 8260B
	96	(70 - 130)	3.5	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	95	(70 - 130)			SW846 8260B
	95	(70 - 130)	0.080	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	91	(70 - 130)			SW846 8260B
	92	(70 - 130)	1.0	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl chloride	77	(61 - 120)			SW846 8260B
	78	(61 - 120)	0.85	(0-30)	SW846 8260B
m-Xylene & p-Xylene	102	(70 - 130)			SW846 8260B
	100	(70 - 130)	2.1	(0-30)	SW846 8260B
o-Xylene	94	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.18	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
	90	(61 - 128)
Toluene-d8	103	(76 - 110)
	102	(76 - 110)
4-Bromofluorobenzene	110	(74 - 116)
	111	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0155058
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**0.46**	**SW846 8260B**
Acetone	20	16	ug/L	79		SW846 8260B
	20	16	ug/L	79	0.030	SW846 8260B
Bromobenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.5	ug/L	95	1.4	SW846 8260B
Carbon disulfide	10	11	ug/L	112		SW846 8260B
	10	11	ug/L	110	1.5	SW846 8260B
1,2-Dichloroethene (total)	20	20	ug/L	98		SW846 8260B
	20	20	ug/L	99	1.0	SW846 8260B
Bromochloromethane	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.33	SW846 8260B
2-Butanone	20	18	ug/L	88		SW846 8260B
	20	18	ug/L	90	2.7	SW846 8260B
Bromodichloromethane	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.12	SW846 8260B
Bromoform	10	9.5	ug/L	95		SW846 8260B
	10	9.3	ug/L	93	1.4	SW846 8260B
Bromomethane	10	7.6	ug/L	76		SW846 8260B
	10	7.3	ug/L	73	3.8	SW846 8260B
n-Butylbenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.1	ug/L	91	2.2	SW846 8260B
4-Methyl-2-pentanone	20	19	ug/L	95		SW846 8260B
	20	20	ug/L	99	4.3	SW846 8260B
2-Hexanone	20	17	ug/L	87		SW846 8260B
	20	18	ug/L	88	0.95	SW846 8260B
sec-Butylbenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.0	ug/L	90	1.1	SW846 8260B
tert-Butylbenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.0	ug/L	90	1.8	SW846 8260B
Xylenes (total)	30	30	ug/L	99		SW846 8260B
	30	29	ug/L	98	1.4	SW846 8260B
Carbon tetrachloride	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	1.5	SW846 8260B
Chlorobenzene	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	10	**9.2**	**ug/L**	**92**	**1.3**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dibromochloromethane	10	9.3	ug/L	93		SW846 8260B
	10	9.1	ug/L	91	2.3	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	108	0.010	SW846 8260B
Methyl acetate	10	8.9	ug/L	89		SW846 8260B
	10	8.9	ug/L	89	0.40	SW846 8260B
Chloroethane	10	8.1	ug/L	81		SW846 8260B
	10	7.9	ug/L	79	2.5	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	1.6	SW846 8260B
Cyclohexane	10	9.0	ug/L	90		SW846 8260B
	10	9.3	ug/L	93	2.8	SW846 8260B
Methylcyclohexane	10	8.4	ug/L	84		SW846 8260B
	10	8.5	ug/L	85	1.4	SW846 8260B
Chloroform	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.44	SW846 8260B
Chloromethane	10	7.4	ug/L	74		SW846 8260B
	10	7.4	ug/L	74	0.49	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	9.0	ug/L	90		SW846 8260B
	10	9.4	ug/L	94	4.8	SW846 8260B
2-Chlorotoluene	10	9.5	ug/L	95		SW846 8260B
	10	9.6	ug/L	96	1.4	SW846 8260B
Methyl tert-butyl ether	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	1.6	SW846 8260B
n-Hexane	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	113	3.8	SW846 8260B
4-Chlorotoluene	10	9.6	ug/L	96		SW846 8260B
	10	9.6	ug/L	96	0.48	SW846 8260B
2-Chloroethyl vinyl ether	10	8.0	ug/L	80		SW846 8260B
	10	8.3	ug/L	83	3.8	SW846 8260B
Acetonitrile	30	28	ug/L	94		SW846 8260B
	30	27	ug/L	89	5.5	SW846 8260B
1,2-Dibromoethane	10	9.4	ug/L	94		SW846 8260B
	10	9.1	ug/L	91	2.9	SW846 8260B
Acrolein	30	36	ug/L	119		SW846 8260B
	30	37	ug/L	123	3.3	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl acetate	10	12	ug/L	120		SW846 8260B
	10	12	ug/L	121	1.1	SW846 8260B
Acrylonitrile	30	29	ug/L	98		SW846 8260B
	30	30	ug/L	101	2.3	SW846 8260B
Dibromomethane	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.37	SW846 8260B
1,2-Dichlorobenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.1	ug/L	91	0.76	SW846 8260B
1,3-Dichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.1	ug/L	91	0.36	SW846 8260B
1,4-Dichlorobenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.0	ug/L	90	0.72	SW846 8260B
Iodomethane	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	105	1.1	SW846 8260B
Isopropyl ether	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	100	1.6	SW846 8260B
Dichlorodifluoromethane	10	5.1 a	ug/L	51		SW846 8260B
	10	5.1 a	ug/L	51	1.0	SW846 8260B
1,1-Dichloroethane	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.010	SW846 8260B
1,2-Dichloroethane	10	9.0	ug/L	90		SW846 8260B
	10	9.1	ug/L	91	1.4	SW846 8260B
cis-1,2-Dichloroethene	10	9.7	ug/L	97		SW846 8260B
	10	9.8	ug/L	98	1.1	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	101	1.0	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**108**		**SW846 8260B**
	10	**11**	**ug/L**	**107**	**0.98**	**SW846 8260B**
1,2-Dichloropropane	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.27	SW846 8260B
1,3-Dichloropropane	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	0.91	SW846 8260B
2,2-Dichloropropane	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	0.38	SW846 8260B
cis-1,3-Dichloropropene	10	9.3	ug/L	93		SW846 8260B
	10	9.7	ug/L	97	3.8	SW846 8260B
trans-1,3-Dichloropropene	10	9.4	ug/L	94		SW846 8260B
	10	9.5	ug/L	95	1.1	SW846 8260B
1,1-Dichloropropene	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	100	0.72	SW846 8260B
Ethylbenzene	10	9.9	ug/L	99		SW846 8260B
	10	9.7	ug/L	97	2.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Hexachlorobutadiene	10	8.2	ug/L	82		SW846 8260B
	10	8.5	ug/L	85	2.8	SW846 8260B
Isopropylbenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	1.8	SW846 8260B
p-Isopropyltoluene	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.85	SW846 8260B
Methylene chloride	10	10	ug/L	100		SW846 8260B
	10	9.7	ug/L	97	2.3	SW846 8260B
Naphthalene	10	7.5	ug/L	75		SW846 8260B
	10	8.0	ug/L	80	6.1	SW846 8260B
n-Propylbenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.4	ug/L	94	0.080	SW846 8260B
Styrene	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	1.2	SW846 8260B
1,1,1,2-Tetrachloroethane	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	1.3	SW846 8260B
1,1,2,2-Tetrachloroethane	10	8.6	ug/L	86		SW846 8260B
	10	8.7	ug/L	87	0.48	SW846 8260B
Tetrachloroethene	10	9.4	ug/L	94		SW846 8260B
	10	9.2	ug/L	92	2.1	SW846 8260B
Toluene	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**1.4**	**SW846 8260B**
1,2,3-Trichlorobenzene	10	9.0	ug/L	90		SW846 8260B
	10	9.3	ug/L	93	4.1	SW846 8260B
1,2,4-Trichloro-benzene	10	9.0	ug/L	90		SW846 8260B
	10	9.3	ug/L	93	3.3	SW846 8260B
1,1,1-Trichloroethane	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.61	SW846 8260B
1,1,2-Trichloroethane	10	9.0	ug/L	90		SW846 8260B
	10	8.9	ug/L	89	0.54	SW846 8260B
Trichloroethene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.5**	**ug/L**	**95**	**1.1**	**SW846 8260B**
Trichlorofluoromethane	10	8.2	ug/L	82		SW846 8260B
	10	8.1	ug/L	81	1.5	SW846 8260B
1,2,3-Trichloropropane	10	9.3	ug/L	93		SW846 8260B
	10	9.6	ug/L	96	3.5	SW846 8260B
1,2,4-Trimethylbenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.080	SW846 8260B
1,3,5-Trimethylbenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.2	ug/L	92	1.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl chloride	10	7.7	ug/L	77		SW846 8260B
	10	7.8	ug/L	78	0.85	SW846 8260B
m-Xylene & p-Xylene	20	20	ug/L	102		SW846 8260B
	20	20	ug/L	100	2.1	SW846 8260B
o-Xylene	10	9.4	ug/L	94		SW846 8260B
	10	9.4	ug/L	94	0.18	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
	90	(61 - 128)
Toluene-d8	103	(76 - 110)
	102	(76 - 110)
4-Bromofluorobenzene	110	(74 - 116)
	111	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6648.D
Report Date: 03-Jun-2010 15:38

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6648.D
Lab Smp Id: LCS
Inj Date : 03-JUN-2010 13:06
Operator : 1644 Inst ID: a3ux16.i
Smp Info : LCS
Misc Info : M00603A,8260LLUX16,,1644,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Meth Date : 03-Jun-2010 15:37 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 10 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV23

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.715	5.704	(1.000)	1592122	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1189799	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.649	(1.000)	710955	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	411025	48.1209	9.624
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	486458	45.0260	9.005
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1608686	51.4301	10.286
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	603240	55.0961	11.019
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	182715	25.2997	5.060
9 Chloromethane	50	1.790	1.790	(0.313)	416101	37.2119	7.442
10 Vinyl Chloride	62	1.920	1.909	(0.336)	436449	38.6387	7.728
11 Bromomethane	94	2.264	2.265	(0.396)	243782	38.0842	7.617
12 Chloroethane	64	2.371	2.371	(0.415)	280008	40.5452	8.109
13 Trichlorofluoromethane	101	2.620	2.608	(0.458)	400566	41.2464	8.249
14 Dichlorofluoromethane	67	Compound Not Detected.					
15 Acrolein	56	3.035	3.035	(0.531)	155768	177.841	35.568
16 Acetone	43	3.189	3.190	(0.558)	221078	79.2069	15.841
17 1,1-Dichloroethene	96	3.130	3.118	(0.548)	419329	54.1353	10.827
18 Freon-113	151	3.142	3.130	(0.550)	341662	54.0379	10.808
19 Iodomethane	142	3.284	3.273	(0.575)	778126	53.1398	10.628
20 Carbon Disulfide	76	3.343	3.332	(0.585)	1361771	55.9143	11.183

21 Methylene Chloride	84	3.592	3.581 (0.629)	529876	49.8321	9.966
22 Acetonitrile	41	3.462	3.450 (0.606)	127590	141.539	28.308

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6648.D
Report Date: 03-Jun-2010 15:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	23 Acrylonitrile	53	3.818	3.818	(0.668)	397163	147.470	29.494
	24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	592475	48.0068	9.601
	25 trans-1,2-Dichloroethene	96	3.830	3.830	(0.670)	488175	50.0744	10.015
	26 Hexane	86	4.067	4.067	(0.712)	76745	54.2718	10.854
	27 Vinyl acetate	43	4.257	4.245	(0.745)	1181634	148.303	29.661
	28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	770841	48.5102	9.702
	29 tert-Butyl Alcohol	59	3.687	3.688	(0.645)	271498	907.174	181.43
	30 2-Butanone	43	4.731	4.731	(0.828)	267690	87.6275	17.526
M	31 1,2-Dichloroethene (total)	96				969951	98.3651	19.673
	32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	481776	48.2907	9.658
	33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	391502	46.4138	9.283
	34 Bromochloromethane	128	4.932	4.933	(0.863)	236856	47.5607	9.512
	35 Chloroform	83	4.992	4.992	(0.873)	784440	46.5245	9.305
	36 Tetrahydrofuran	42	4.980	4.968	(0.871)	75858	43.5932	8.719
	37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	587606	45.9643	9.193
	38 1,1-Dichloropropene	75	5.300	5.288	(0.927)	574063	49.7574	9.951
	39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	536406	46.7180	9.344
	40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	575316	44.8267	8.965
	41 Benzene	78	5.478	5.478	(0.959)	1890505	49.8866	9.977
	42 Trichloroethene	130	6.023	6.024	(1.054)	452954	47.0192	9.404
	43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	405804	48.2595	9.652
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	6.332	6.332	(1.108)	237765	46.5549	9.311
	46 Bromodichloromethane	83	6.462	6.451	(1.131)	511118	47.6665	9.533
	47 2-Chloroethyl vinyl ether	63	6.699	6.700	(1.172)	127254	40.0059	8.001
	48 cis-1,3-Dichloropropene	75	6.854	6.842	(1.199)	503752	46.5109	9.302
	49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	477511	94.6975	18.940
	50 Toluene	91	7.150	7.150	(0.850)	1884454	48.8731	9.775
	51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	438188	47.0993	9.420
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	326873	44.9326	8.986
	54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	590383	46.2718	9.254
	55 Tetrachloroethene	164	7.648	7.636	(0.910)	371034	46.9707	9.394
	56 2-Hexanone	43	7.719	7.719	(0.918)	312778	86.9624	17.392
	57 Dibromochloromethane	129	7.873	7.874	(0.937)	338178	46.5594	9.312
	58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	306869	46.8479	9.370
	59 Chlorobenzene	112	8.443	8.443	(1.004)	1202815	46.7217	9.344
	60 1,1,1,2-Tetrachloroethane	131	8.514	8.502	(1.013)	408641	46.7311	9.346
	61 Ethylbenzene	106	8.526	8.526	(1.014)	622887	49.5681	9.914
	62 m + p-Xylene	106	8.632	8.633	(1.027)	1641994	102.208	20.442
M	63 Xylenes (total)	106				2413372	149.069	29.814
	64 Xylene-o	106	9.012	9.012	(1.072)	771378	46.8606	9.372
	65 Styrene	104	9.024	9.024	(1.073)	1282729	46.6375	9.327
	66 Bromoform	173	9.225	9.225	(1.097)	193069	47.3557	9.471
	67 Isopropylbenzene	105	9.356	9.356	(1.113)	1831496	45.7891	9.158
	68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	404457	43.2396	8.648
	69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	157249	80.4948	16.099
	70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	130676	46.5661	9.313
	71 Bromobenzene	156	9.676	9.676	(0.909)	505419	46.5785	9.316
	72 n-Propylbenzene	120	9.759	9.759	(0.916)	524155	47.2826	9.456
	73 2-Chlorotoluene	126	9.854	9.854	(0.925)	471402	47.5462	9.509
	74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1605972	45.6625	9.132

75	4-Chlorotoluene	126	9.960	9.961 (0.935)	499856	48.1298	9.626
76	tert-Butylbenzene	119	10.245	10.245 (0.962)	1218883	44.3285	8.866

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6648.D
Report Date: 03-Jun-2010 15:38

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1738665	47.5449	9.509
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	1691058	44.6772	8.935
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	1503292	45.8059	9.161
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	960216	45.5672	9.113
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	985040	44.7389	8.948
82 n-Butylbenzene	91	11.004	11.004	(1.033)	1145459	44.7312	8.946
83 1,2-Dichlorobenzene	146	11.051	11.052	(1.038)	956580	45.9222	9.184
84 1,2-Dibromo-3-chloropropane	157	11.834	11.823	(1.111)	56872	44.8477	8.970
85 1,2,4-Trichlorobenzene	180	12.652	12.653	(1.188)	451309	44.9127	8.982
86 Hexachlorobutadiene	225	12.818	12.807	(1.204)	215572	41.1598	8.232
87 Naphthalene	128	12.913	12.913	(1.213)	789632	37.6012	7.520
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	420334	44.8504	8.970
89 Ethyl Ether	59	2.905	2.905	(0.508)	374109	49.9226	9.984
91 3-Chloropropene	76	3.343	3.474	(0.585)	1361771	310.380	62.076
92 Isopropyl Ether	87	4.257	4.257	(0.745)	371491	49.4061	9.881
93 2-Chloro-1,3-butadiene	53	4.067	4.292	(0.712)	17259	1.30406	0.2608
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	4.731	4.778	(0.828)	259864	49.1443	9.829
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	5.371	5.371	(0.639)	468317	2390.20	478.04
99 n-Butanol	56	5.940	5.941	(0.707)	922	41.3684	8.274
100 Methyl Methacrylate	41	6.225	6.296	(1.089)	271566	61.9866	12.397
101 2-Nitropropane	41	6.699	6.664	(1.172)	8459	6.70389	1.341
103 Cyclohexanone	55	9.474	9.474	(0.890)	152108	619.273	123.85
98 Cyclohexane	56	5.205	5.205	(0.911)	608296	45.1542	9.031
143 Methyl Acetate	43	3.486	3.486	(0.610)	258455	44.4711	8.894
144 Methylcyclohexane	83	6.189	6.190	(1.083)	544113	41.7793	8.356
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
149 Vinyl Acetate-86	86	4.257	4.245	(0.745)	61954	60.0080	12.002
151 t-Butyl ethyl ether	59	Compound Not Detected.					
152 t-Amyl methyl ether	73	5.478	5.549	(0.959)	31322	2.71018	0.5420(a)
153 1,2,3-Trimethylbenzene	105	10.719	10.720	(1.007)	1799933	43.6647	8.733

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6648.D
Report Date: 03-Jun-2010 15:38

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

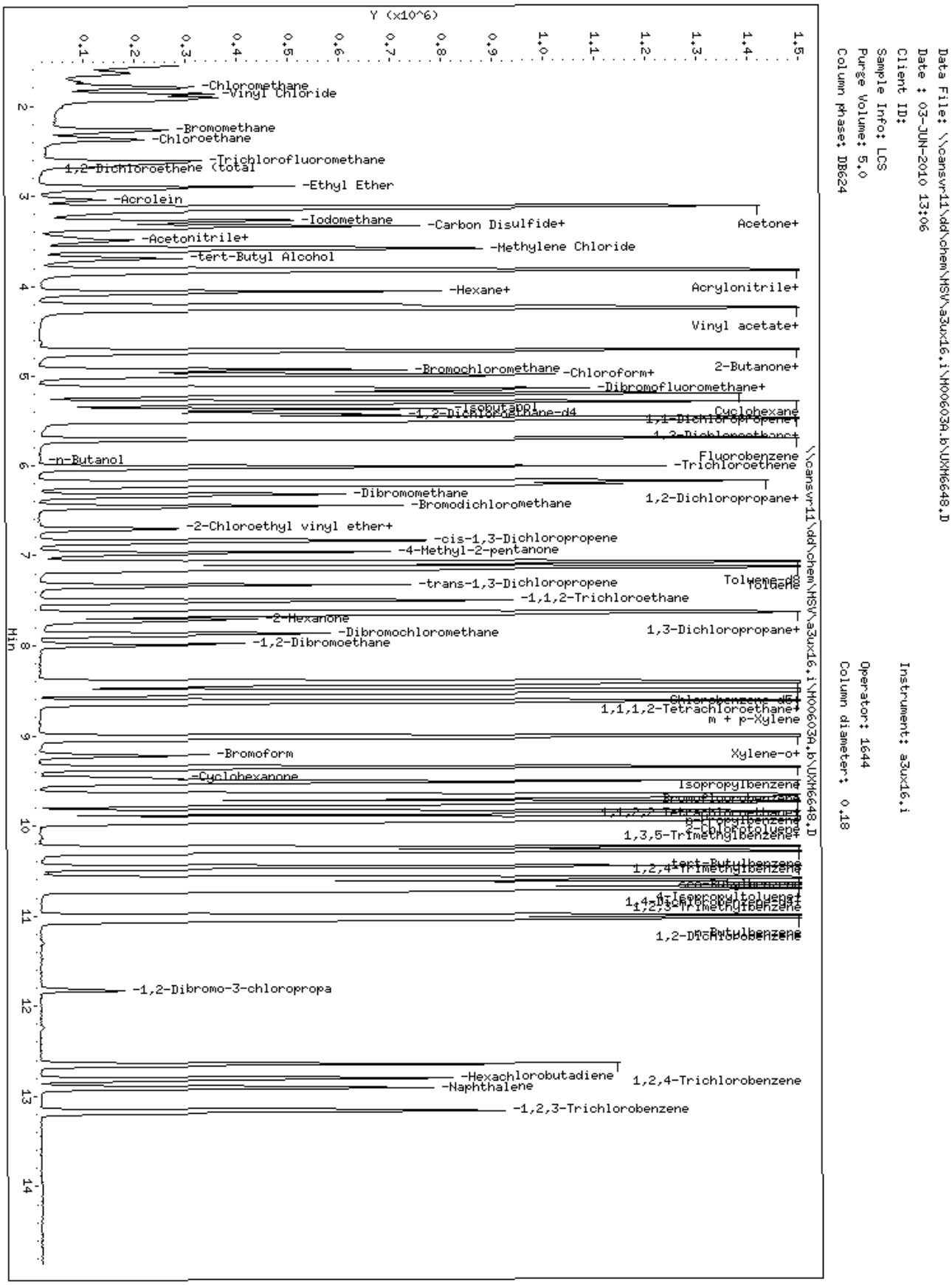
Instrument ID: a3ux16.i
Lab File ID: UXM6648.D
Lab Smp Id: LCS
Analysis Type: VOA
Quant Type: ISTD
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Misc Info: M00603A,8260LLUX16,,1644,3

Calibration Date: 03-JUN-2010
Calibration Time: 12:23
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1586383	793192	3172766	1592122	0.36
2 Chlorobenzene-d5	1214613	607307	2429226	1189799	-2.04
3 1,4-Dichlorobenze	705732	352866	1411464	710955	0.74

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.70	5.20	6.20	5.72	0.20
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	-0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6648.D
Date : 03-JUN-2010 13:06
Client ID:
Sample Info: LCS
Purge Volume: 5.0
Column Phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
1,2-Dichloroethene (total
-Ethyl Ether
-Acrolein
Acetone+
-Iodomethane
-Carbon Disulfide+
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane+
Acrylonitrile+
Vinyl acetate+
2-Butanone+
-Bromochloromethane
-Chloroform+
-Dibromofluoromethane+
-Isobutanol
-1,2-Dichloroethane-d4
Cyclohexane
1,1-Dichloropropene+
1,2-Dichloroethane+
-n-Butanol
Fluorobenzene
-Trichloroethene
-Dibromomethane
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether+
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-2-Hexanone
1,3-Dichloropropane+
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
-Cyclohexanone
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene+
1,2,3-Trimethylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene
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Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6649.D
Report Date: 03-Jun-2010 15:38

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6649.D
Lab Smp Id: LCSD
Inj Date : 03-JUN-2010 13:28
Operator : 1644 Inst ID: a3ux16.i
Smp Info : LCSD
Misc Info : M00603A,8260LLUX16,,1644,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Meth Date : 03-Jun-2010 15:37 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 11 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV23

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.715	5.704	(1.000)	1589613	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1213181	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.649	(1.000)	708009	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	419278	49.1646	9.833
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	483100	44.7857	8.957
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1633336	51.2118	10.242
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	617703	55.3297	11.066
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	184262	25.5542	5.111
9 Chloromethane	50	1.790	1.790	(0.313)	413349	37.0242	7.405
10 Vinyl Chloride	62	1.909	1.909	(0.334)	439516	38.9717	7.794
11 Bromomethane	94	2.264	2.265	(0.396)	234245	36.6521	7.330
12 Chloroethane	64	2.371	2.371	(0.415)	272541	39.5263	7.905
13 Trichlorofluoromethane	101	2.620	2.608	(0.459)	393801	40.6138	8.123
14 Dichlorofluoromethane	67	Compound Not Detected.					
15 Acrolein	56	3.035	3.035	(0.531)	160703	183.765	36.753
16 Acetone	43	3.189	3.190	(0.558)	220786	79.2285	15.846
17 1,1-Dichloroethene	96	3.130	3.118	(0.548)	414575	53.6060	10.721
18 Freon-113	151	3.142	3.130	(0.550)	341063	54.0283	10.806
19 Iodomethane	142	3.272	3.273	(0.573)	768667	52.5767	10.515
20 Carbon Disulfide	76	3.344	3.332	(0.585)	1339250	55.0764	11.015

21 Methylene Chloride	84	3.593	3.581 (0.629)	517685	48.6955	9.739
22 Acetonitrile	41	3.462	3.450 (0.606)	120533	133.922	26.784

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6649.D
Report Date: 03-Jun-2010 15:38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	23 Acrylonitrile	53	3.818	3.818	(0.668)	405676	150.869	30.174
	24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	582311	47.2577	9.452
	25 trans-1,2-Dichloroethene	96	3.830	3.830	(0.670)	492376	50.5850	10.117
	26 Hexane	86	4.067	4.067	(0.712)	79583	56.3676	11.274
	27 Vinyl acetate	43	4.257	4.245	(0.745)	1204353	151.393	30.279
	28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	769731	48.5168	9.703
	29 tert-Butyl Alcohol	59	3.687	3.688	(0.645)	279686	936.008	187.20
	30 2-Butanone	43	4.731	4.731	(0.828)	274719	90.0704	18.014
M	31 1,2-Dichloroethene (total)	96				978684	99.4069	19.881
	32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	486308	48.8219	9.764
	33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	389367	46.2335	9.247
	34 Bromochloromethane	128	4.933	4.933	(0.863)	235697	47.4027	9.480
	35 Chloroform	83	4.992	4.992	(0.873)	779747	46.3192	9.264
	36 Tetrahydrofuran	42	4.980	4.968	(0.871)	76775	44.1898	8.838
	37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	590363	46.2529	9.250
	38 1,1-Dichloropropene	75	5.300	5.288	(0.927)	577261	50.1135	10.023
	39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	527733	46.0351	9.207
	40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	582712	45.4746	9.095
	41 Benzene	78	5.478	5.478	(0.959)	1878706	49.6535	9.931
	42 Trichloroethene	130	6.024	6.024	(1.054)	457233	47.5383	9.508
	43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	406318	48.3969	9.679
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	6.332	6.332	(1.108)	238286	46.7306	9.346
	46 Bromodichloromethane	83	6.462	6.451	(1.131)	509661	47.6057	9.521
	47 2-Chloroethyl vinyl ether	63	6.700	6.700	(1.172)	132792	41.5366	8.307
	48 cis-1,3-Dichloropropene	75	6.842	6.842	(1.197)	522667	48.3334	9.667
	49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	497647	98.8465	19.769
	50 Toluene	91	7.150	7.150	(0.850)	1894343	48.1827	9.636
	51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	451657	47.6113	9.522
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	331455	44.6843	8.937
	54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	596494	45.8497	9.170
	55 Tetrachloroethene	164	7.648	7.636	(0.910)	370398	45.9865	9.197
	56 2-Hexanone	43	7.719	7.719	(0.918)	322095	87.7892	17.558
	57 Dibromochloromethane	129	7.874	7.874	(0.937)	336955	45.4969	9.099
	58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	304019	45.5183	9.104
	59 Chlorobenzene	112	8.443	8.443	(1.004)	1210254	46.1046	9.221
	60 1,1,1,2-Tetrachloroethane	131	8.514	8.502	(1.013)	411158	46.1127	9.222
	61 Ethylbenzene	106	8.526	8.526	(1.014)	620381	48.4172	9.683
	62 m + p-Xylene	106	8.632	8.633	(1.027)	1638908	100.050	20.010
M	63 Xylenes (total)	106				2426942	146.996	29.399
	64 Xylene-o	106	9.012	9.012	(1.072)	788034	46.9464	9.389
	65 Styrene	104	9.024	9.024	(1.073)	1292106	46.0985	9.220
	66 Bromoform	173	9.225	9.225	(1.097)	194178	46.7098	9.342
	67 Isopropylbenzene	105	9.356	9.356	(1.113)	1833490	44.9911	8.998
	68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	404748	43.4507	8.690
	69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	159953	82.2197	16.444
	70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	134717	48.2059	9.641
	71 Bromobenzene	156	9.676	9.676	(0.909)	510660	47.2574	9.451
	72 n-Propylbenzene	120	9.759	9.759	(0.916)	521488	47.2396	9.448
	73 2-Chlorotoluene	126	9.854	9.854	(0.925)	475910	48.2007	9.640
	74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1616089	46.1209	9.224

75	4-Chlorotoluene	126	9.961	9.961 (0.935)	495379	47.8972	9.579
76	tert-Butylbenzene	119	10.245	10.245 (0.962)	1236607	45.1274	9.025

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6649.D
Report Date: 03-Jun-2010 15:38

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1732945	47.5839	9.517
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	1702893	45.1571	9.031
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	1510531	46.1984	9.240
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	959706	45.7325	9.146
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	988135	45.0662	9.013
82 n-Butylbenzene	91	11.004	11.004	(1.033)	1167575	45.7420	9.148
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	945268	45.5680	9.114
84 1,2-Dibromo-3-chloropropane	157	11.822	11.823	(1.110)	59424	47.0552	9.411
85 1,2,4-Trichlorobenzene	180	12.652	12.653	(1.188)	464536	46.4213	9.284
86 Hexachlorobutadiene	225	12.819	12.807	(1.204)	220806	42.3346	8.467
87 Naphthalene	128	12.913	12.913	(1.213)	840935	39.9749	7.995
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	435979	46.7133	9.343
89 Ethyl Ether	59	2.905	2.905	(0.508)	380503	50.8560	10.171
91 3-Chloropropene	76	3.344	3.474	(0.585)	1339250	305.728	61.146
92 Isopropyl Ether	87	4.257	4.257	(0.745)	376932	50.2089	10.042
93 2-Chloro-1,3-butadiene	53	4.067	4.292	(0.712)	17279	1.30763	0.2615
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	4.731	4.778	(0.828)	268550	50.8671	10.173
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	5.371	5.371	(0.639)	451824	2261.58	452.32
99 n-Butanol	56	5.703	5.941	(0.678)	8821	106.089	21.218
100 Methyl Methacrylate	41	6.225	6.296	(1.089)	340803	77.9132	15.583
101 2-Nitropropane	41	6.700	6.664	(1.172)	8408	6.67399	1.335
103 Cyclohexanone	55	9.474	9.474	(0.890)	153181	625.874	125.17
98 Cyclohexane	56	5.205	5.205	(0.911)	624938	46.4627	9.292
143 Methyl Acetate	43	3.486	3.486	(0.610)	257003	44.2910	8.858
144 Methylcyclohexane	83	6.190	6.190	(1.083)	551239	42.3546	8.471
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
149 Vinyl Acetate-86	86	4.257	4.245	(0.745)	62589	60.6862	12.137
151 t-Butyl ethyl ether	59	Compound Not Detected.					
152 t-Amyl methyl ether	73	5.478	5.549	(0.959)	32585	2.82392	0.5648(a)
153 1,2,3-Trimethylbenzene	105	10.720	10.720	(1.007)	1800864	43.8523	8.770

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6649.D
Report Date: 03-Jun-2010 15:38

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

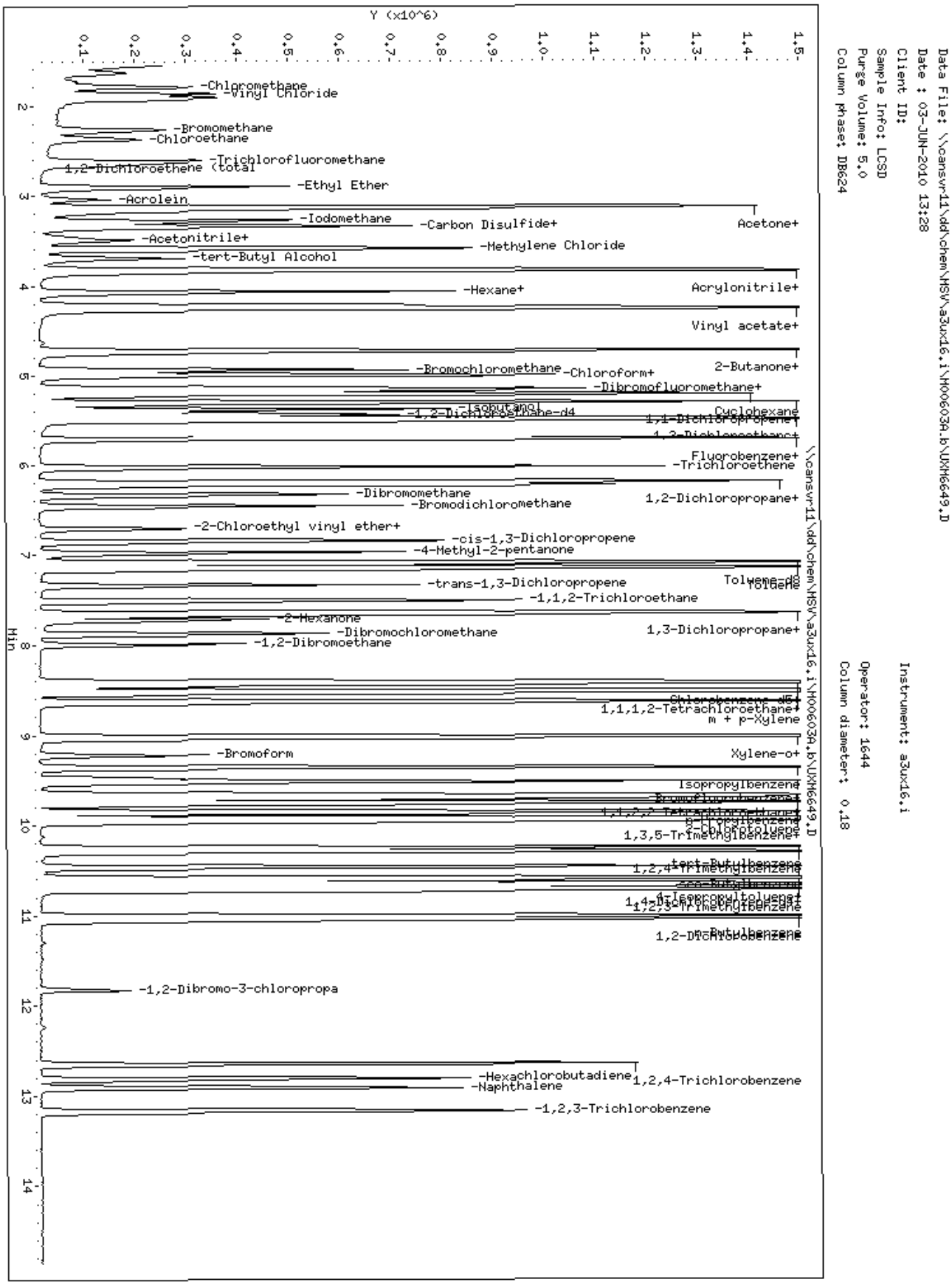
Instrument ID: a3ux16.i
Lab File ID: UXM6649.D
Lab Smp Id: LCSD
Analysis Type: VOA
Quant Type: ISTD
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Misc Info: M00603A,8260LLUX16,,1644,3

Calibration Date: 03-JUN-2010
Calibration Time: 12:23
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1586383	793192	3172766	1589613	0.20
2 Chlorobenzene-d5	1214613	607307	2429226	1213181	-0.12
3 1,4-Dichlorobenze	705732	352866	1411464	708009	0.32

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.70	5.20	6.20	5.72	0.21
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	-0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6649.D
Date : 03-JUN-2010 13:28
Client ID:
Sample Info: LCSD
Purge Volume: 5.0
Column Phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
1,2-Dichloroethene (total
-Ethyl Ether
-Acrolein
Acetone+
-Iodomethane
-Carbon Disulfide+
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane+
Acrylonitrile+
Vinyl acetate+
2-Butanone+
-Bromochloromethane
-Chloroform+
-Dibromofluoromethane+
-Isobutanol
Cyclohexane
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene+
-Trichloroethene
-Dibromomethane
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether+
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-2-Hexanone
1,3-Dichloropropane+
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene+
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene+
1,2,3-Trimethylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6649.D

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD
Prep Date.....: 06/01/10 **Analysis Date..:** 06/01/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**101**	**(80 - 116)**			**SW846 8260B**
	99	**(80 - 116)**	**2.1**	**(0-20)**	**SW846 8260B**
Acetone	83	(22 - 200)			SW846 8260B
	87	(22 - 200)	4.1	(0-95)	SW846 8260B
Bromobenzene	97	(70 - 130)			SW846 8260B
	92	(70 - 130)	4.8	(0-30)	SW846 8260B
Carbon disulfide	112	(73 - 139)			SW846 8260B
	112	(73 - 139)	0.66	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	100	(82 - 116)			SW846 8260B
	100	(82 - 116)	0.13	(0-30)	SW846 8260B
Bromochloromethane	97	(70 - 130)			SW846 8260B
	96	(70 - 130)	1.7	(0-30)	SW846 8260B
2-Butanone	95	(28 - 237)			SW846 8260B
	97	(28 - 237)	2.4	(0-65)	SW846 8260B
Bromodichloromethane	96	(87 - 130)			SW846 8260B
	95	(87 - 130)	1.5	(0-30)	SW846 8260B
Bromoform	97	(76 - 150)			SW846 8260B
	97	(76 - 150)	0.50	(0-30)	SW846 8260B
Bromomethane	71	(64 - 129)			SW846 8260B
	81	(64 - 129)	14	(0-30)	SW846 8260B
n-Butylbenzene	88	(70 - 130)			SW846 8260B
	86	(70 - 130)	2.4	(0-30)	SW846 8260B
4-Methyl-2-pentanone	101	(78 - 141)			SW846 8260B
	107	(78 - 141)	6.0	(0-32)	SW846 8260B
2-Hexanone	94	(35 - 200)			SW846 8260B
	95	(35 - 200)	1.5	(0-52)	SW846 8260B
sec-Butylbenzene	90	(70 - 130)			SW846 8260B
	85	(70 - 130)	5.1	(0-30)	SW846 8260B
tert-Butylbenzene	90	(70 - 130)			SW846 8260B
	86	(70 - 130)	4.9	(0-30)	SW846 8260B
Xylenes (total)	99	(87 - 116)			SW846 8260B
	96	(87 - 116)	2.8	(0-30)	SW846 8260B
Carbon tetrachloride	92	(75 - 149)			SW846 8260B
	92	(75 - 149)	0.26	(0-30)	SW846 8260B
Chlorobenzene	**94**	**(76 - 117)**			**SW846 8260B**
	92	**(76 - 117)**	**2.8**	**(0-20)**	**SW846 8260B**

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromochloromethane	95	(81 - 138)			SW846 8260B
	92	(81 - 138)	3.3	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	107	(70 - 130)			SW846 8260B
	106	(70 - 130)	0.11	(0-30)	SW846 8260B
Methyl acetate	94	(70 - 130)			SW846 8260B
	95	(70 - 130)	0.86	(0-30)	SW846 8260B
Chloroethane	77	(66 - 126)			SW846 8260B
	85	(66 - 126)	9.4	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	88	(70 - 130)			SW846 8260B
	100	(70 - 130)	12	(0-30)	SW846 8260B
Cyclohexane	88	(70 - 130)			SW846 8260B
	89	(70 - 130)	1.6	(0-30)	SW846 8260B
Methylcyclohexane	80	(70 - 130)			SW846 8260B
	79	(70 - 130)	0.11	(0-30)	SW846 8260B
Chloroform	95	(84 - 128)			SW846 8260B
	93	(84 - 128)	1.7	(0-30)	SW846 8260B
Chloromethane	81	(48 - 123)			SW846 8260B
	82	(48 - 123)	0.47	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	97	(70 - 130)			SW846 8260B
	97	(70 - 130)	0.26	(0-30)	SW846 8260B
2-Chlorotoluene	97	(70 - 130)			SW846 8260B
	93	(70 - 130)	4.5	(0-30)	SW846 8260B
Methyl tert-butyl ether	88	(70 - 130)			SW846 8260B
	100	(70 - 130)	12	(0-30)	SW846 8260B
n-Hexane	106	(70 - 130)			SW846 8260B
	105	(70 - 130)	0.72	(0-30)	SW846 8260B
4-Chlorotoluene	98	(70 - 130)			SW846 8260B
	95	(70 - 130)	3.4	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	82	(70 - 130)			SW846 8260B
	86	(70 - 130)	4.2	(0-30)	SW846 8260B
Acetonitrile	96	(50 - 130)			SW846 8260B
	101	(50 - 130)	4.7	(0-30)	SW846 8260B
1,2-Dibromoethane	96	(70 - 130)			SW846 8260B
	94	(70 - 130)	2.1	(0-30)	SW846 8260B
Acrolein	136 a	(50 - 130)			SW846 8260B
	143 a	(50 - 130)	4.9	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	121	(70 - 130)			SW846 8260B
	120	(70 - 130)	0.72	(0-30)	SW846 8260B
Acrylonitrile	104	(50 - 130)			SW846 8260B
	106	(50 - 130)	1.9	(0-30)	SW846 8260B
Dibromomethane	97	(70 - 130)			SW846 8260B
	97	(70 - 130)	0.31	(0-30)	SW846 8260B
1,2-Dichlorobenzene	93	(70 - 130)			SW846 8260B
	90	(70 - 130)	2.9	(0-30)	SW846 8260B
1,3-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.5	(0-30)	SW846 8260B
1,4-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.6	(0-30)	SW846 8260B
Iodomethane	106	(70 - 130)			SW846 8260B
	107	(70 - 130)	1.1	(0-30)	SW846 8260B
Isopropyl ether	101	(70 - 130)			SW846 8260B
	100	(70 - 130)	0.57	(0-30)	SW846 8260B
Dichlorodifluoromethane	61 a	(70 - 130)			SW846 8260B
	64 a	(70 - 130)	5.3	(0-30)	SW846 8260B
1,1-Dichloroethane	99	(86 - 123)			SW846 8260B
	99	(86 - 123)	0.43	(0-30)	SW846 8260B
1,2-Dichloroethane	93	(79 - 136)			SW846 8260B
	92	(79 - 136)	1.2	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	98	(85 - 113)			SW846 8260B
	98	(85 - 113)	0.25	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	102	(80 - 120)			SW846 8260B
	102	(80 - 120)	0.48	(0-30)	SW846 8260B
1,1-Dichloroethene	**110**	**(63 - 130)**			**SW846 8260B**
	110	**(63 - 130)**	**0.69**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	98	(82 - 115)			SW846 8260B
	97	(82 - 115)	0.88	(0-30)	SW846 8260B
1,3-Dichloropropane	96	(70 - 130)			SW846 8260B
	94	(70 - 130)	2.4	(0-30)	SW846 8260B
2,2-Dichloropropane	85	(70 - 130)			SW846 8260B
	87	(70 - 130)	1.9	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(84 - 130)			SW846 8260B
	93	(84 - 130)	0.0	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	96	(84 - 130)			SW846 8260B
	93	(84 - 130)	2.8	(0-30)	SW846 8260B
1,1-Dichloropropene	102	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.5	(0-30)	SW846 8260B
Ethylbenzene	100	(86 - 116)			SW846 8260B
	96	(86 - 116)	3.6	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Hexachlorobutadiene	80	(70 - 130)			SW846 8260B
	80	(70 - 130)	0.22	(0-30)	SW846 8260B
Isopropylbenzene	90	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.1	(0-30)	SW846 8260B
p-Isopropyltoluene	92	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.2	(0-30)	SW846 8260B
Methylene chloride	102	(78 - 118)			SW846 8260B
	100	(78 - 118)	2.2	(0-30)	SW846 8260B
Naphthalene	80	(70 - 130)			SW846 8260B
	85	(70 - 130)	6.3	(0-30)	SW846 8260B
n-Propylbenzene	96	(70 - 130)			SW846 8260B
	91	(70 - 130)	5.1	(0-30)	SW846 8260B
Styrene	94	(85 - 117)			SW846 8260B
	91	(85 - 117)	3.5	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	93	(70 - 130)			SW846 8260B
	89	(70 - 130)	4.2	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	92	(85 - 118)			SW846 8260B
	92	(85 - 118)	0.93	(0-30)	SW846 8260B
Tetrachloroethene	94	(88 - 113)			SW846 8260B
	91	(88 - 113)	3.2	(0-30)	SW846 8260B
Toluene	**100**	**(74 - 119)**			**SW846 8260B**
	97	**(74 - 119)**	**3.8**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	91	(70 - 130)			SW846 8260B
	94	(70 - 130)	3.2	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	92	(70 - 130)			SW846 8260B
	91	(70 - 130)	1.1	(0-30)	SW846 8260B
1,1,1-Trichloroethane	92	(78 - 140)			SW846 8260B
	94	(78 - 140)	2.3	(0-30)	SW846 8260B
1,1,2-Trichloroethane	95	(83 - 122)			SW846 8260B
	92	(83 - 122)	2.5	(0-30)	SW846 8260B
Trichloroethene	**96**	**(75 - 122)**			**SW846 8260B**
	93	**(75 - 122)**	**2.4**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	78	(70 - 130)			SW846 8260B
	84	(70 - 130)	6.9	(0-30)	SW846 8260B
1,2,3-Trichloropropane	99	(70 - 130)			SW846 8260B
	101	(70 - 130)	2.2	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	96	(70 - 130)			SW846 8260B
	92	(70 - 130)	3.9	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	92	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.5	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl chloride	83	(61 - 120)			SW846 8260B
	85	(61 - 120)	2.6	(0-30)	SW846 8260B
m-Xylene & p-Xylene	102	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.9	(0-30)	SW846 8260B
o-Xylene	94	(70 - 130)			SW846 8260B
	92	(70 - 130)	2.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
	97	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
	92	(61 - 128)
Toluene-d8	104	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	111	(74 - 116)
	108	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD
Prep Date.....: 06/01/10 **Analysis Date..:** 06/01/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**2.1**	**SW846 8260B**
Acetone	20	17	ug/L	83		SW846 8260B
	20	17	ug/L	87	4.1	SW846 8260B
Bromobenzene	10	9.7	ug/L	97		SW846 8260B
	10	9.2	ug/L	92	4.8	SW846 8260B
Carbon disulfide	10	11	ug/L	112		SW846 8260B
	10	11	ug/L	112	0.66	SW846 8260B
1,2-Dichloroethene (total)	20	20	ug/L	100		SW846 8260B
	20	20	ug/L	100	0.13	SW846 8260B
Bromochloromethane	10	9.7	ug/L	97		SW846 8260B
	10	9.6	ug/L	96	1.7	SW846 8260B
2-Butanone	20	19	ug/L	95		SW846 8260B
	20	19	ug/L	97	2.4	SW846 8260B
Bromodichloromethane	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	1.5	SW846 8260B
Bromoform	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.50	SW846 8260B
Bromomethane	10	7.1	ug/L	71		SW846 8260B
	10	8.1	ug/L	81	14	SW846 8260B
n-Butylbenzene	10	8.8	ug/L	88		SW846 8260B
	10	8.6	ug/L	86	2.4	SW846 8260B
4-Methyl-2-pentanone	20	20	ug/L	101		SW846 8260B
	20	21	ug/L	107	6.0	SW846 8260B
2-Hexanone	20	19	ug/L	94		SW846 8260B
	20	19	ug/L	95	1.5	SW846 8260B
sec-Butylbenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.5	ug/L	85	5.1	SW846 8260B
tert-Butylbenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.6	ug/L	86	4.9	SW846 8260B
Xylenes (total)	30	30	ug/L	99		SW846 8260B
	30	29	ug/L	96	2.8	SW846 8260B
Carbon tetrachloride	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.26	SW846 8260B
Chlorobenzene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.2**	**ug/L**	**92**	**2.8**	**SW846 8260B**

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dibromochloromethane	10	9.5	ug/L	95		SW846 8260B
	10	9.2	ug/L	92	3.3	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	11	ug/L	107		SW846 8260B
	10	11	ug/L	106	0.11	SW846 8260B
Methyl acetate	10	9.4	ug/L	94		SW846 8260B
	10	9.5	ug/L	95	0.86	SW846 8260B
Chloroethane	10	7.7	ug/L	77		SW846 8260B
	10	8.5	ug/L	85	9.4	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	8.8	ug/L	88		SW846 8260B
	10	10	ug/L	100	12	SW846 8260B
Cyclohexane	10	8.8	ug/L	88		SW846 8260B
	10	8.9	ug/L	89	1.6	SW846 8260B
Methylcyclohexane	10	8.0	ug/L	80		SW846 8260B
	10	7.9	ug/L	79	0.11	SW846 8260B
Chloroform	10	9.5	ug/L	95		SW846 8260B
	10	9.3	ug/L	93	1.7	SW846 8260B
Chloromethane	10	8.1	ug/L	81		SW846 8260B
	10	8.2	ug/L	82	0.47	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.26	SW846 8260B
2-Chlorotoluene	10	9.7	ug/L	97		SW846 8260B
	10	9.3	ug/L	93	4.5	SW846 8260B
Methyl tert-butyl ether	10	8.8	ug/L	88		SW846 8260B
	10	10	ug/L	100	12	SW846 8260B
n-Hexane	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	105	0.72	SW846 8260B
4-Chlorotoluene	10	9.8	ug/L	98		SW846 8260B
	10	9.5	ug/L	95	3.4	SW846 8260B
2-Chloroethyl vinyl ether	10	8.2	ug/L	82		SW846 8260B
	10	8.6	ug/L	86	4.2	SW846 8260B
Acetonitrile	30	29	ug/L	96		SW846 8260B
	30	30	ug/L	101	4.7	SW846 8260B
1,2-Dibromoethane	10	9.6	ug/L	96		SW846 8260B
	10	9.4	ug/L	94	2.1	SW846 8260B
Acrolein	30	41 a	ug/L	136		SW846 8260B
	30	43 a	ug/L	143	4.9	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl acetate	10	12	ug/L	121		SW846 8260B
	10	12	ug/L	120	0.72	SW846 8260B
Acrylonitrile	30	31	ug/L	104		SW846 8260B
	30	32	ug/L	106	1.9	SW846 8260B
Dibromomethane	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.31	SW846 8260B
1,2-Dichlorobenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.0	ug/L	90	2.9	SW846 8260B
1,3-Dichlorobenzene	10	9.2	ug/L	92		SW846 8260B
	10	8.9	ug/L	89	3.5	SW846 8260B
1,4-Dichlorobenzene	10	9.2	ug/L	92		SW846 8260B
	10	8.9	ug/L	89	3.6	SW846 8260B
Iodomethane	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	107	1.1	SW846 8260B
Isopropyl ether	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	100	0.57	SW846 8260B
Dichlorodifluoromethane	10	6.1 a	ug/L	61		SW846 8260B
	10	6.4 a	ug/L	64	5.3	SW846 8260B
1,1-Dichloroethane	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.43	SW846 8260B
1,2-Dichloroethane	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	1.2	SW846 8260B
cis-1,2-Dichloroethene	10	9.8	ug/L	98		SW846 8260B
	10	9.8	ug/L	98	0.25	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	102	0.48	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**110**		**SW846 8260B**
	10	**11**	**ug/L**	**110**	**0.69**	**SW846 8260B**
1,2-Dichloropropane	10	9.8	ug/L	98		SW846 8260B
	10	9.7	ug/L	97	0.88	SW846 8260B
1,3-Dichloropropane	10	9.6	ug/L	96		SW846 8260B
	10	9.4	ug/L	94	2.4	SW846 8260B
2,2-Dichloropropane	10	8.5	ug/L	85		SW846 8260B
	10	8.7	ug/L	87	1.9	SW846 8260B
cis-1,3-Dichloropropene	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.0	SW846 8260B
trans-1,3-Dichloropropene	10	9.6	ug/L	96		SW846 8260B
	10	9.3	ug/L	93	2.8	SW846 8260B
1,1-Dichloropropene	10	10	ug/L	102		SW846 8260B
	10	9.9	ug/L	99	2.5	SW846 8260B
Ethylbenzene	10	10	ug/L	100		SW846 8260B
	10	9.6	ug/L	96	3.6	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Hexachlorobutadiene	10	8.0	ug/L	80		SW846 8260B
	10	8.0	ug/L	80	0.22	SW846 8260B
Isopropylbenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.8	ug/L	88	2.1	SW846 8260B
p-Isopropyltoluene	10	9.2	ug/L	92		SW846 8260B
	10	8.9	ug/L	89	3.2	SW846 8260B
Methylene chloride	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	100	2.2	SW846 8260B
Naphthalene	10	8.0	ug/L	80		SW846 8260B
	10	8.5	ug/L	85	6.3	SW846 8260B
n-Propylbenzene	10	9.6	ug/L	96		SW846 8260B
	10	9.1	ug/L	91	5.1	SW846 8260B
Styrene	10	9.4	ug/L	94		SW846 8260B
	10	9.1	ug/L	91	3.5	SW846 8260B
1,1,1,2-Tetrachloroethane	10	9.3	ug/L	93		SW846 8260B
	10	8.9	ug/L	89	4.2	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.93	SW846 8260B
Tetrachloroethene	10	9.4	ug/L	94		SW846 8260B
	10	9.1	ug/L	91	3.2	SW846 8260B
Toluene	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**3.8**	**SW846 8260B**
1,2,3-Trichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.4	ug/L	94	3.2	SW846 8260B
1,2,4-Trichloro-benzene	10	9.2	ug/L	92		SW846 8260B
	10	9.1	ug/L	91	1.1	SW846 8260B
1,1,1-Trichloroethane	10	9.2	ug/L	92		SW846 8260B
	10	9.4	ug/L	94	2.3	SW846 8260B
1,1,2-Trichloroethane	10	9.5	ug/L	95		SW846 8260B
	10	9.2	ug/L	92	2.5	SW846 8260B
Trichloroethene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**2.4**	**SW846 8260B**
Trichlorofluoromethane	10	7.8	ug/L	78		SW846 8260B
	10	8.4	ug/L	84	6.9	SW846 8260B
1,2,3-Trichloropropane	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	101	2.2	SW846 8260B
1,2,4-Trimethylbenzene	10	9.6	ug/L	96		SW846 8260B
	10	9.2	ug/L	92	3.9	SW846 8260B
1,3,5-Trimethylbenzene	10	9.2	ug/L	92		SW846 8260B
	10	8.9	ug/L	89	3.5	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl chloride	10	8.3	ug/L	83		SW846 8260B
	10	8.5	ug/L	85	2.6	SW846 8260B
m-Xylene & p-Xylene	20	20	ug/L	102		SW846 8260B
	20	20	ug/L	99	2.9	SW846 8260B
o-Xylene	10	9.4	ug/L	94		SW846 8260B
	10	9.2	ug/L	92	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
	97	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
	92	(61 - 128)
Toluene-d8	104	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	111	(74 - 116)
	108	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6593.D
Report Date: 02-Jun-2010 10:10

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6593.D
Lab Smp Id: LCS
Inj Date : 01-JUN-2010 23:26
Operator : 1644 Inst ID: a3ux16.i
Smp Info : LCS
Misc Info : M00601B,8260LLUX16,,1644,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Meth Date : 02-Jun-2010 10:09 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 32 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV23

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1611524	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1202607	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	707418	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	422460	48.8642	9.773
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	513137	46.9235	9.385
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1649346	52.1685	10.434
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	616184	55.6790	11.136
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	221502	30.3012	6.060
9 Chloromethane	50	1.790	1.790	(0.313)	460979	40.7291	8.146
10 Vinyl Chloride	62	1.921	1.920	(0.336)	474513	41.5028	8.300
11 Bromomethane	94	2.265	2.264	(0.396)	229999	35.4984	7.100
12 Chloroethane	64	2.371	2.371	(0.415)	269625	38.5717	7.714
13 Trichlorofluoromethane	101	2.620	2.620	(0.459)	384287	39.0937	7.819
14 Dichlorofluoromethane	67	Compound Not Detected.					
15 Acrolein	56	3.035	3.035	(0.531)	181251	204.444	40.889
16 Acetone	43	3.189	3.189	(0.558)	234690	83.3237	16.665
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	429357	54.7625	10.952
18 Freon-113	151	3.142	3.130	(0.550)	340965	53.2784	10.656
19 Iodomethane	142	3.284	3.272	(0.575)	781826	52.7497	10.550
20 Carbon Disulfide	76	3.344	3.332	(0.585)	1377211	55.8675	11.173

21 Methylene Chloride	84	3.593	3.581 (0.629)	548465	51.0298	10.206
22 Acetonitrile	41	3.462	3.462 (0.606)	131908	144.567	28.913

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Report Date: 02-Jun-2010 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	23 Acrylonitrile	53	3.818	3.818	(0.668)	426813	156.571	31.314
	24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	552662	44.2417	8.848
	25 trans-1,2-Dichloroethene	96	3.842	3.830	(0.672)	503103	50.9843	10.197
	26 Hexane	86	4.067	4.067	(0.712)	75821	52.9729	10.594
	27 Vinyl acetate	43	4.257	4.245	(0.745)	1206418	149.591	29.918
	28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	797360	49.5750	9.915
	29 tert-Butyl Alcohol	59	3.688	3.687	(0.645)	285553	942.649	188.53
	30 2-Butanone	43	4.731	4.731	(0.828)	292485	94.5914	18.918
M	31 1,2-Dichloroethene (total)	96				999912	100.182	20.036
	32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	496809	49.1980	9.840
	33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	364672	42.7125	8.542
	34 Bromochloromethane	128	4.933	4.933	(0.863)	245007	48.6051	9.721
	35 Chloroform	83	4.992	4.992	(0.873)	809811	47.4510	9.490
	36 Tetrahydrofuran	42	4.980	4.968	(0.871)	82528	46.8552	9.371
	37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	594733	45.9617	9.192
	38 1,1-Dichloropropene	75	5.300	5.288	(0.927)	595226	50.9706	10.194
	39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	536644	46.1760	9.235
	40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	606188	46.6635	9.333
	41 Benzene	78	5.478	5.478	(0.959)	1940599	50.5919	10.118
	42 Trichloroethene	130	6.024	6.023	(1.054)	465887	47.7795	9.556
	43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	418379	49.1560	9.831
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	6.332	6.332	(1.108)	250855	48.5266	9.705
	46 Bromodichloromethane	83	6.462	6.462	(1.131)	523623	48.2448	9.649
	47 2-Chloroethyl vinyl ether	63	6.711	6.699	(1.174)	133347	41.2010	8.240
	48 cis-1,3-Dichloropropene	75	6.854	6.842	(1.199)	507936	46.3326	9.266
	49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	514448	100.794	20.159
	50 Toluene	91	7.150	7.150	(0.850)	1953462	50.1233	10.025
	51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	449350	47.7846	9.557
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	348235	47.3593	9.472
	54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	617810	47.9057	9.581
	55 Tetrachloroethene	164	7.648	7.636	(0.910)	375920	47.0824	9.416
	56 2-Hexanone	43	7.719	7.719	(0.918)	341659	93.6752	18.735
	57 Dibromochloromethane	129	7.874	7.873	(0.937)	350385	47.7262	9.545
	58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	319210	48.2129	9.642
	59 Chlorobenzene	112	8.443	8.443	(1.004)	1227501	47.1728	9.434
	60 1,1,1,2-Tetrachloroethane	131	8.514	8.502	(1.013)	411873	46.5991	9.320
	61 Ethylbenzene	106	8.526	8.526	(1.014)	632194	49.7730	9.954
	62 m + p-Xylene	106	8.633	8.632	(1.027)	1650892	101.667	20.333
M	63 Xylenes (total)	106				2436215	148.854	29.771
	64 Xylene-o	106	9.012	9.012	(1.072)	785323	47.1868	9.437
	65 Styrene	104	9.024	9.024	(1.073)	1305692	46.9518	9.390
	66 Bromoform	173	9.225	9.225	(1.097)	200432	48.6381	9.728
	67 Isopropylbenzene	105	9.356	9.356	(1.113)	1814679	44.9241	8.985
	68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	426092	45.7803	9.156
	69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	182548	93.9125	18.782
	70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	138087	49.4531	9.891
	71 Bromobenzene	156	9.676	9.676	(0.909)	521067	48.2607	9.652
	72 n-Propylbenzene	120	9.759	9.759	(0.916)	530238	48.0386	9.608
	73 2-Chlorotoluene	126	9.854	9.854	(0.925)	480326	48.6886	9.738
	74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1613065	46.0751	9.215

75	4-Chlorotoluene	126	9.961	9.961 (0.935)	505877	48.9531	9.791
76	tert-Butylbenzene	119	10.245	10.245 (0.962)	1236222	45.1502	9.030

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Report Date: 02-Jun-2010 10:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1744658	47.9297	9.586
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	1687321	44.7964	8.959
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	1496543	45.8272	9.165
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	965967	46.0693	9.214
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	1006285	45.9323	9.186
82 n-Butylbenzene	91	11.004	11.004	(1.033)	1122455	44.0795	8.816
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	962985	46.4609	9.292
84 1,2-Dibromo-3-chloropropane	157	11.822	11.822	(1.110)	61121	48.4394	9.688
85 1,2,4-Trichlorobenzene	180	12.653	12.652	(1.188)	459174	45.9238	9.185
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	207367	39.7912	7.958
87 Naphthalene	128	12.913	12.913	(1.213)	841093	40.0123	8.002
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	424917	45.5661	9.113
89 Ethyl Ether	59	2.905	2.905	(0.508)	396855	52.3203	10.464
91 3-Chloropropene	76	3.344	3.474	(0.585)	1377211	310.119	62.024
92 Isopropyl Ether	87	4.257	4.257	(0.745)	382957	50.3178	10.064
93 2-Chloro-1,3-butadiene	53	4.067	4.292	(0.712)	18671	1.39376	0.2788
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	4.731	4.778	(0.828)	291245	54.4158	10.883
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	5.371	5.371	(0.639)	525138	2651.66	530.33
99 n-Butanol	56	5.953	5.940	(0.708)	1771	48.3198	9.664
100 Methyl Methacrylate	41	6.225	6.296	(1.089)	359035	80.9653	16.193
101 2-Nitropropane	41	6.711	6.664	(1.174)	8755	6.85494	1.371
103 Cyclohexanone	55	9.474	9.474	(0.890)	148100	606.663	121.33
98 Cyclohexane	56	5.205	5.205	(0.911)	596889	43.7740	8.755
143 Methyl Acetate	43	3.498	3.486	(0.612)	277941	47.2481	9.450
144 Methylcyclohexane	83	6.190	6.190	(1.083)	522311	39.7583	7.952
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
149 Vinyl Acetate-86	86	4.257	4.245	(0.745)	63376	60.6170	12.123
151 t-Butyl ethyl ether	59	Compound Not Detected.					
152 t-Amyl methyl ether	73	5.478	5.549	(0.959)	31922	2.72884	0.5458(a)
153 1,2,3-Trimethylbenzene	105	10.720	10.719	(1.007)	1797533	43.8114	8.762

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6593.D
Report Date: 02-Jun-2010 10:10

TestAmerica North Canton

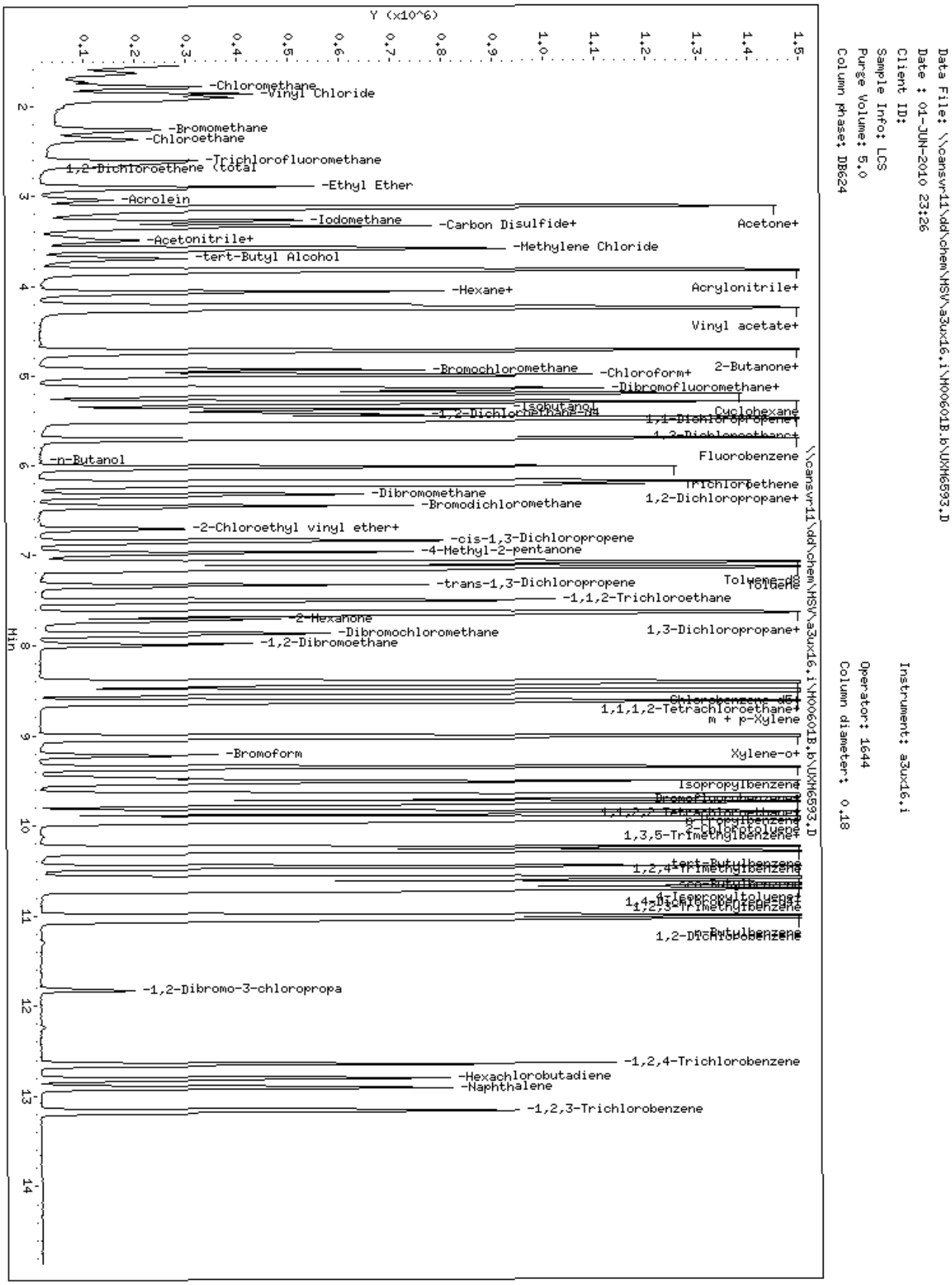
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Calibration Date: 01-JUN-2010
Lab File ID: UXM6593.D
Calibration Time: 22:42
Lab Smp Id: LCS
Analysis Type: VOA
Level: LOW
Quant Type: ISTD
Sample Type: WATER
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Misc Info: M00601B,8260LLUX16,,1644,3

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1663323	831662	3326646	1611524	-3.11
2 Chlorobenzene-d5	1268717	634359	2537434	1202607	-5.21
3 1,4-Dichlorobenze	732741	366371	1465482	707418	-3.46

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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Date : 01-JUN-2010 23:26
Client ID:
Sample Info: LCS
Purge Volume: 5.0
Column Phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
1,2-Dichloroethene (total
-Ethyl Ether
-Acrolein
-Iodomethane
-Carbon Disulfide+
Acetone+
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane+
Acrylonitrile+
Vinyl acetate+
-Bromochloromethane
-Chloroform+
2-Butanone+
-Dibromofluoromethane+
-Isobutanol
Cyclohexane
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
1,2-Dichloroethane+
-n-Butanol
Fluorobenzene
Trichloroethene
-Dibromomethane
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether+
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene+
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene+
1,2,3-Trimethylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6593.D

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6594.D
Report Date: 02-Jun-2010 10:10

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6594.D
Lab Smp Id: LCSD
Inj Date : 01-JUN-2010 23:47
Operator : 1644 Inst ID: a3ux16.i
Smp Info : LCSD
Misc Info : M00601B,8260LLUX16,,1644,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Meth Date : 02-Jun-2010 10:09 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 33 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV23

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1593252	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1208093	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	711522	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	415386	48.5970	9.719
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	496450	45.9182	9.184
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1634282	51.4573	10.291
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	599847	53.9566	10.791
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	230868	31.9446	6.389
9 Chloromethane	50	1.790	1.790	(0.313)	457932	40.9238	8.185
10 Vinyl Chloride	62	1.909	1.920	(0.334)	481415	42.5893	8.518
11 Bromomethane	94	2.264	2.264	(0.396)	260431	40.6563	8.131
12 Chloroethane	64	2.371	2.371	(0.415)	292945	42.3884	8.478
13 Trichlorofluoromethane	101	2.620	2.620	(0.459)	407203	41.9001	8.380
14 Dichlorofluoromethane	67	Compound Not Detected.					
15 Acrolein	56	3.035	3.035	(0.531)	188253	214.777	42.955
16 Acetone	43	3.189	3.189	(0.558)	241156	86.8046	17.361
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	427398	55.1378	11.028
18 Freon-113	151	3.142	3.130	(0.550)	336721	53.2187	10.644
19 Iodomethane	142	3.284	3.272	(0.575)	781411	53.3263	10.665
20 Carbon Disulfide	76	3.344	3.332	(0.585)	1370703	56.2411	11.248

21 Methylene Chloride	84	3.593	3.581 (0.629)	531343	49.9410	9.988
22 Acetonitrile	41	3.462	3.462 (0.606)	136680	151.515	30.303

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6594.D
Report Date: 02-Jun-2010 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	23 Acrylonitrile	53	3.818	3.818	(0.668)	430043	159.565	31.913
	24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	616959	49.9553	9.991
	25 trans-1,2-Dichloroethene	96	3.842	3.830	(0.672)	499863	51.2369	10.247
	26 Hexane	86	4.067	4.067	(0.712)	74420	52.5903	10.518
	27 Vinyl acetate	43	4.257	4.245	(0.745)	1201404	150.678	30.136
	28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	784879	49.3586	9.872
	29 tert-Butyl Alcohol	59	3.688	3.687	(0.645)	318949	1064.97	212.99
	30 2-Butanone	43	4.731	4.731	(0.828)	296309	96.9271	19.385
M	31 1,2-Dichloroethene (total)	96				989832	100.314	20.063
	32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	489969	49.0771	9.815
	33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	367563	43.5448	8.709
	34 Bromochloromethane	128	4.933	4.933	(0.863)	238044	47.7654	9.553
	35 Chloroform	83	4.992	4.992	(0.873)	787236	46.6572	9.331
	36 Tetrahydrofuran	42	4.980	4.968	(0.871)	87094	50.0147	10.003
	37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	601757	47.0379	9.408
	38 1,1-Dichloropropene	75	5.300	5.288	(0.927)	573692	49.6899	9.938
	39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	529173	46.0553	9.211
	40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	592429	46.1273	9.225
	41 Benzene	78	5.478	5.478	(0.959)	1879208	49.5533	9.911
	42 Trichloroethene	130	6.024	6.023	(1.054)	449874	46.6663	9.333
	43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	409990	48.7228	9.744
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	6.332	6.332	(1.108)	247226	48.3731	9.675
	46 Bromodichloromethane	83	6.462	6.462	(1.131)	509803	47.5102	9.502
	47 2-Chloroethyl vinyl ether	63	6.700	6.699	(1.172)	138568	42.9929	8.598
	48 cis-1,3-Dichloropropene	75	6.854	6.842	(1.199)	502173	46.3322	9.266
	49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	540365	107.086	21.417
	50 Toluene	91	7.150	7.150	(0.850)	1889278	48.2563	9.651
	51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	438795	46.4503	9.290
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	341173	46.1882	9.238
	54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	606021	46.7782	9.356
	55 Tetrachloroethene	164	7.648	7.636	(0.910)	365707	45.5953	9.119
	56 2-Hexanone	43	7.719	7.719	(0.918)	348517	95.0632	19.013
	57 Dibromochloromethane	129	7.874	7.873	(0.937)	340662	46.1911	9.238
	58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	314065	47.2204	9.444
	59 Chlorobenzene	112	8.443	8.443	(1.004)	1198497	45.8491	9.170
	60 1,1,1,2-Tetrachloroethane	131	8.514	8.502	(1.013)	396915	44.7028	8.940
	61 Ethylbenzene	106	8.526	8.526	(1.014)	612680	48.0176	9.604
	62 m + p-Xylene	106	8.633	8.632	(1.027)	1610828	98.7497	19.750
M	63 Xylenes (total)	106				2379095	144.748	28.950
	64 Xylene-o	106	9.012	9.012	(1.072)	768267	45.9988	9.200
	65 Styrene	104	9.024	9.024	(1.073)	1264733	45.3480	9.070
	66 Bromoform	173	9.225	9.225	(1.097)	200344	48.3960	9.679
	67 Isopropylbenzene	105	9.356	9.356	(1.113)	1783663	43.9979	8.800
	68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	432594	46.2108	9.242
	69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	182014	93.0976	18.620
	70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	142010	50.5647	10.113
	71 Bromobenzene	156	9.676	9.676	(0.909)	499261	45.9744	9.195
	72 n-Propylbenzene	120	9.759	9.759	(0.916)	505702	45.6504	9.130
	73 2-Chlorotoluene	126	9.854	9.854	(0.925)	462032	46.5640	9.313
	74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1564719	44.5055	8.901

75	4-Chlorotoluene	126	9.961	9.961 (0.935)	491680	47.3048	9.461
76	tert-Butylbenzene	119	10.245	10.245 (0.962)	1181135	42.9769	8.595

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6594.D
Report Date: 02-Jun-2010 10:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1683721	46.0731	9.215
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	1609167	42.5676	8.514
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	1455325	44.3801	8.876
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	937810	44.4684	8.894
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	976328	44.3079	8.862
82 n-Butylbenzene	91	11.004	11.004	(1.033)	1101310	43.0440	8.609
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	940977	45.1372	9.027
84 1,2-Dibromo-3-chloropropane	157	11.834	11.822	(1.111)	61641	48.5697	9.714
85 1,2,4-Trichlorobenzene	180	12.653	12.652	(1.188)	456975	45.4403	9.088
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	209034	39.8797	7.976
87 Naphthalene	128	12.913	12.913	(1.213)	906011	42.6107	8.522
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	441278	47.0476	9.410
89 Ethyl Ether	59	2.905	2.905	(0.508)	391187	52.1645	10.433
91 3-Chloropropene	76	3.344	3.474	(0.585)	1370703	312.194	62.439
92 Isopropyl Ether	87	4.257	4.257	(0.745)	376457	50.0310	10.006
93 2-Chloro-1,3-butadiene	53	4.067	4.292	(0.712)	18365	1.38664	0.2773
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	4.731	4.778	(0.828)	295380	55.8213	11.164
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	5.371	5.371	(0.639)	548225	2755.67	551.13
99 n-Butanol	56	5.703	5.940	(0.678)	8535	104.035	20.807
100 Methyl Methacrylate	41	6.225	6.296	(1.089)	344047	78.4752	15.695
101 2-Nitropropane	41	6.711	6.664	(1.174)	10607	8.40025	1.680
103 Cyclohexanone	55	9.474	9.474	(0.890)	160750	652.131	130.43
98 Cyclohexane	56	5.205	5.205	(0.911)	599481	44.4683	8.894
143 Methyl Acetate	43	3.498	3.486	(0.612)	277179	47.6590	9.532
144 Methylcyclohexane	83	6.190	6.190	(1.083)	515759	39.7131	7.943
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
149 Vinyl Acetate-86	86	4.257	4.245	(0.745)	62186	60.1816	12.036
151 t-Butyl ethyl ether	59	Compound Not Detected.					
152 t-Amyl methyl ether	73	5.478	5.549	(0.959)	31152	2.69356	0.5387(a)
153 1,2,3-Trimethylbenzene	105	10.720	10.719	(1.007)	1760490	42.7550	8.551

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6594.D
Report Date: 02-Jun-2010 10:10

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

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Lab File ID: UXM6594.D
Lab Smp Id: LCSD
Analysis Type: VOA
Quant Type: ISTD
Operator: 1644
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Misc Info: M00601B,8260LLUX16,,1644,3

Calibration Date: 01-JUN-2010
Calibration Time: 22:42
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1663323	831662	3326646	1593252	-4.21
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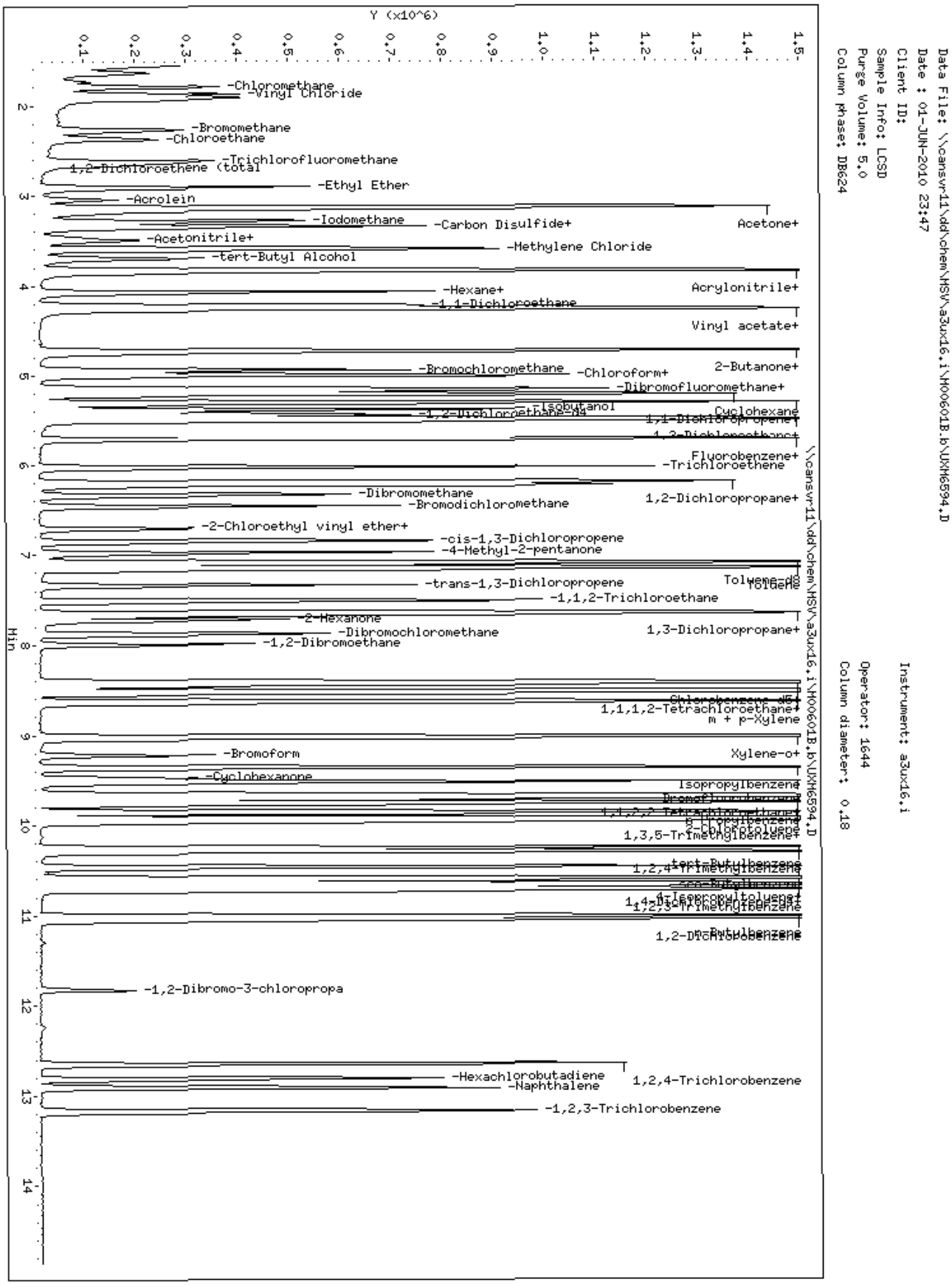
3 1,4-Dichlorobenze	732741	366371	1465482	711522	-2.90

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6594.D
Date : 01-JUN-2010 23:47
Client ID:
Sample Info: LCSD
Purge Volume: 5.0
Column Phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
1,2-Dichloroethene (total
-Ethyl Ether
-Acrolein
Acetone+
-Iodomethane
-Carbon Disulfide+
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane+
Acrylonitrile+
-1,1-Dichloroethane
Vinyl acetate+
2-Butanone+
-Bromochloromethane
-Chloroform+
-Dibromofluoromethane+
-Isobutanol
Cyclohexane
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene+
-Trichloroethene
-Dibromomethane
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether+
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
-Cyclohexanone
Isopropylbenzene
Bromofluorobenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene+
1,2,3-Trimethylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
1,2,4-Trichlorobenzene
-Naphthalene
-1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6594.D

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AA **Matrix.....:** WATER
MB Lot-Sample #: A0F040000-058

Prep Date.....: 06/03/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/03/10 **Prep Batch #...:** 0155058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

NOTE(S):

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

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D
Report Date: 04-Jun-2010 08:46

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D
Lab Smp Id: VBLK
Inj Date : 03-JUN-2010 13:50
Operator : 1644 Inst ID: a3ux16.i
Smp Info : VBLK,5ML/5ML
Misc Info : M00603A,8260LLUX16,,1644,3,,BLANK,,0
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Meth Date : 03-Jun-2010 15:37 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 12 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.715	5.704	(1.000)	1467850	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1126461	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.649	(1.000)	555837	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	406005	51.5575	10.311
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	478309	48.0199	9.604
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1407766	47.5373	9.507
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	454894	43.8832	8.777
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D
Report Date: 04-Jun-2010 08:46

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76 tert-Butylbenzene	119	10.245	10.245 (0.962)	2091	1.84153	0.3683
77 1,2,4-Trimethylbenzene	105	Compound Not Detected.				

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D
Report Date: 04-Jun-2010 08:46

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	11.004	11.004	(1.033)	4864	2.04199	0.4084
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	12.818	12.807	(1.204)	9771	2.38624	0.4772
87 Naphthalene	128	12.913	12.913	(1.213)	9815	3.94326	0.7886
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	8794	1.20020	0.2400
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	6.201	6.190	(1.085)	1179	2.72451	0.5449
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
149 Vinyl Acetate-86	86	Compound Not Detected.					
151 t-Butyl ethyl ether	59	Compound Not Detected.					
152 t-Amyl methyl ether	73	Compound Not Detected.					
153 1,2,3-Trimethylbenzene	105	10.719	10.720	(1.007)	2480	3.64569	0.7291(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D
Report Date: 04-Jun-2010 08:46

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Calibration Date: 03-JUN-2010
Lab File ID: UXM6650.D
Calibration Time: 12:23
Lab Smp Id: VBLK
Analysis Type: VOA
Level: LOW
Quant Type: ISTD
Sample Type: WATER
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\8260LLUX16.m
Misc Info: M00603A,8260LLUX16,,1644,3,,BLANK,,0

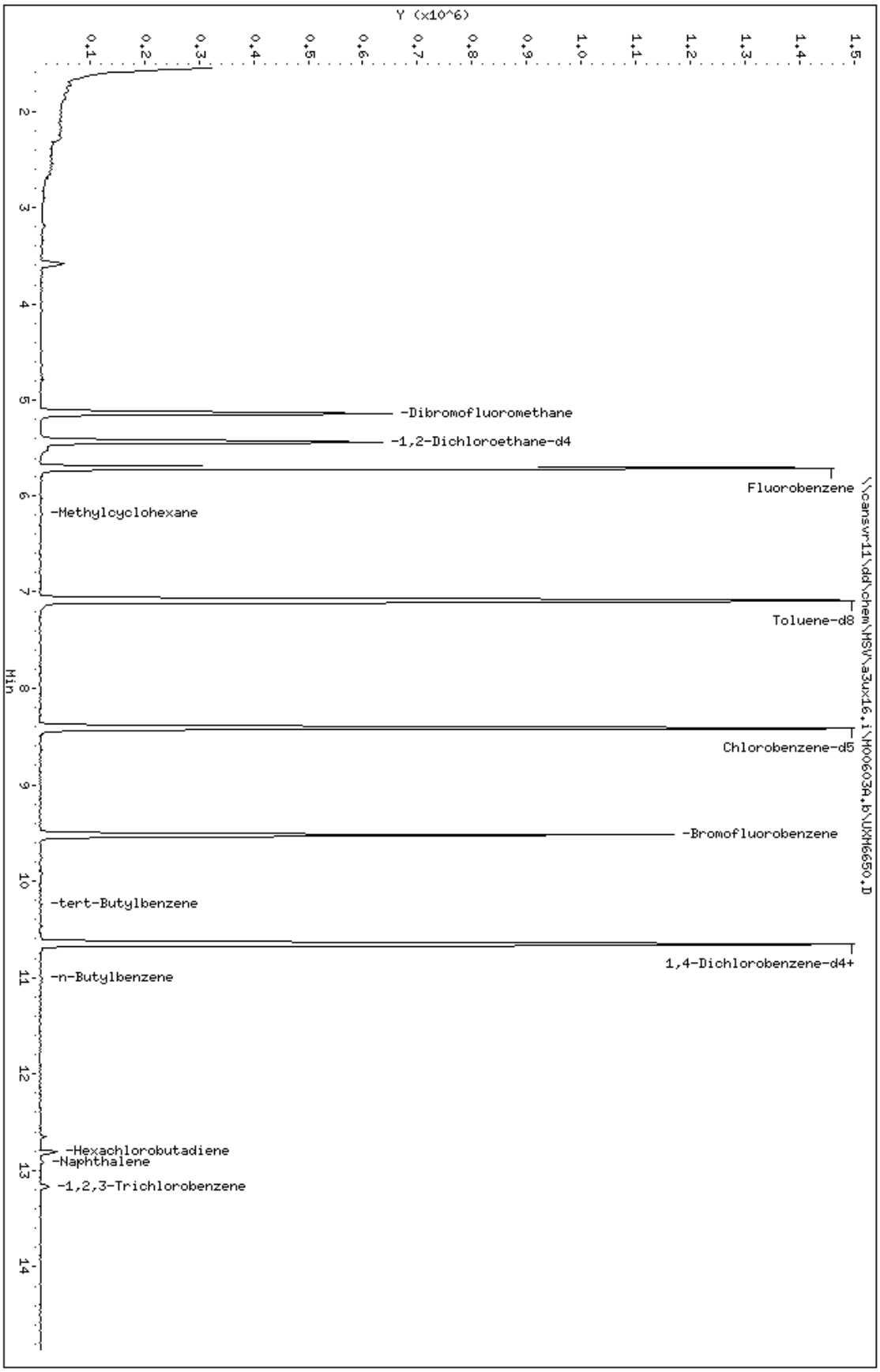
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1586383	793192	3172766	1467850	-7.47
2 Chlorobenzene-d5	1214613	607307	2429226	1126461	-7.26
3 1,4-Dichlorobenze	705732	352866	1411464	555837	-21.24

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.70	5.20	6.20	5.72	0.20
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	-0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D
Date : 03-JUN-2010 13:50
Client ID:
Sample Info: VBLK,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D

Date : 03-JUN-2010 13:50

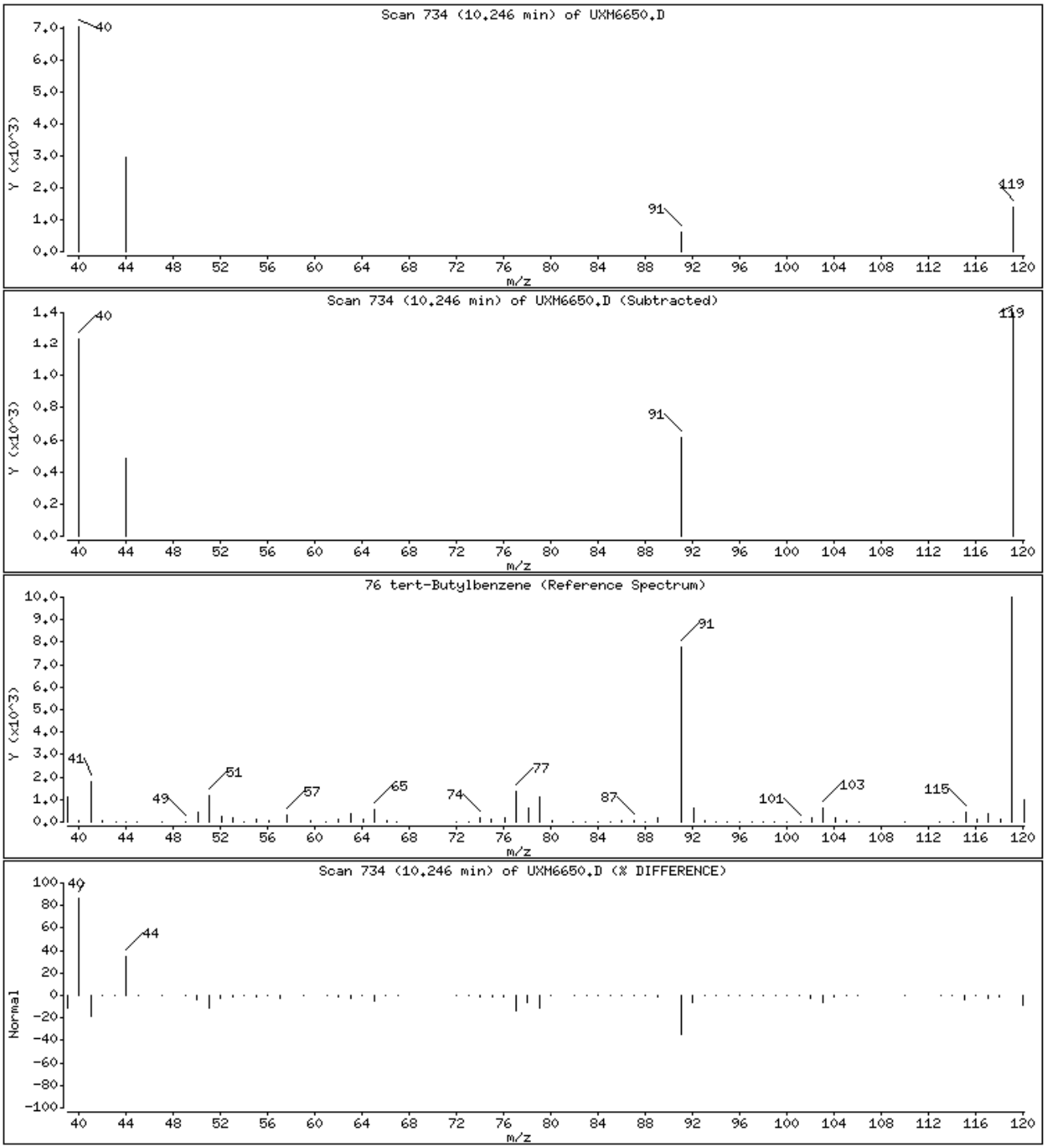
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

76 tert-Butylbenzene Concentration: 0.3683 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D

Date : 03-JUN-2010 13:50

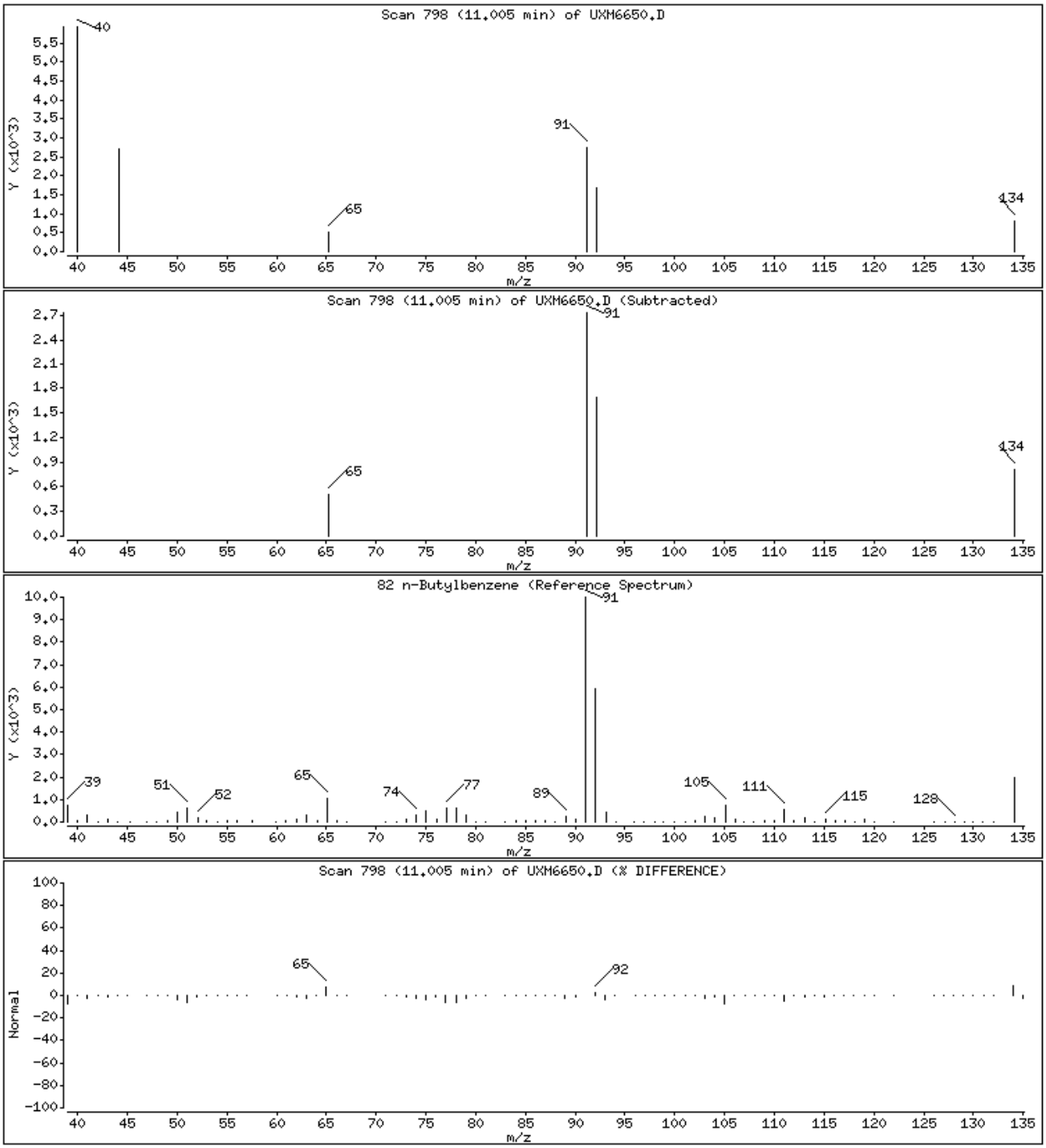
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

82 n-Butylbenzene Concentration: 0.4084 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D

Date : 03-JUN-2010 13:50

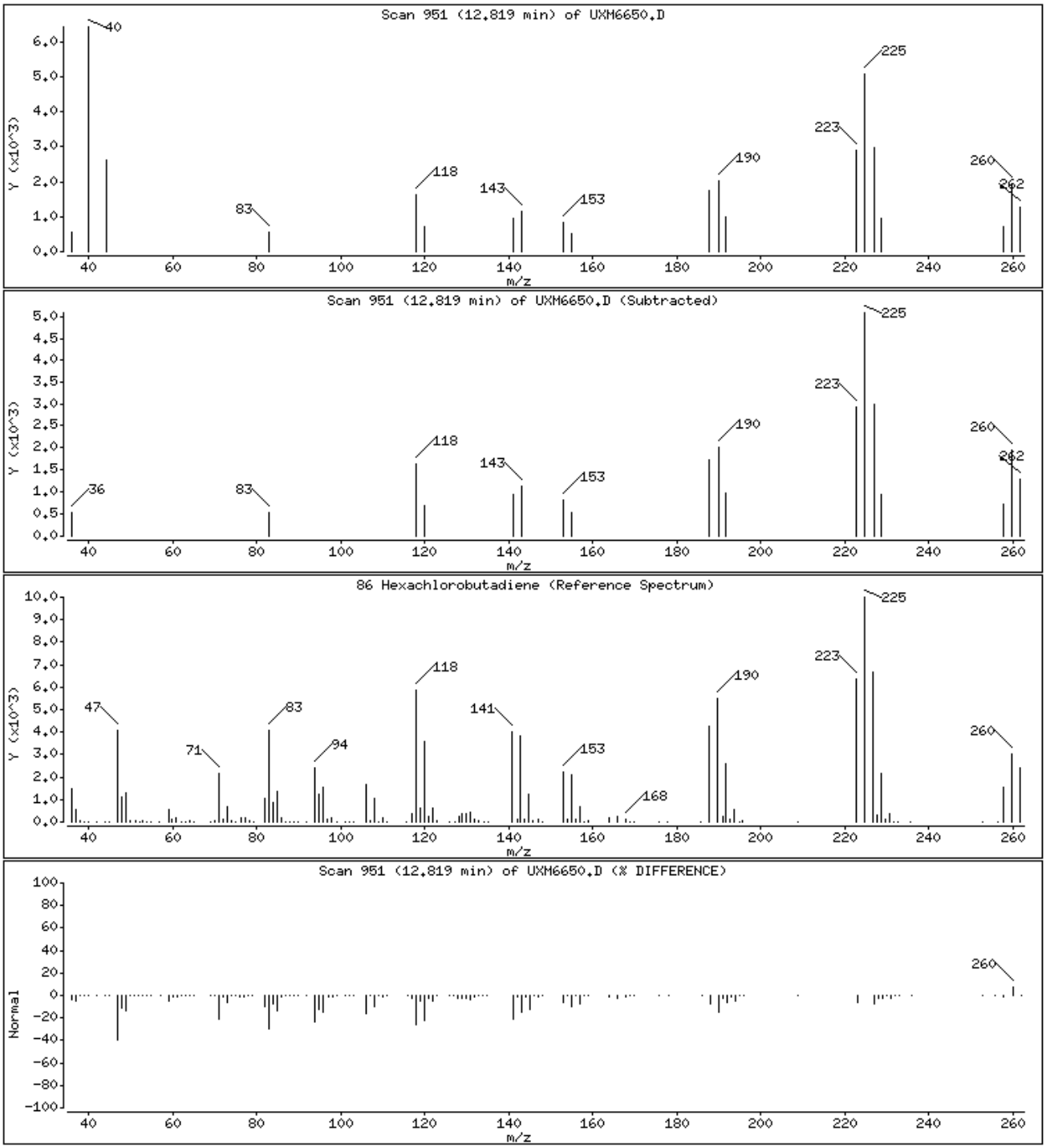
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

86 Hexachlorobutadiene Concentration: 0.4772 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D

Date : 03-JUN-2010 13:50

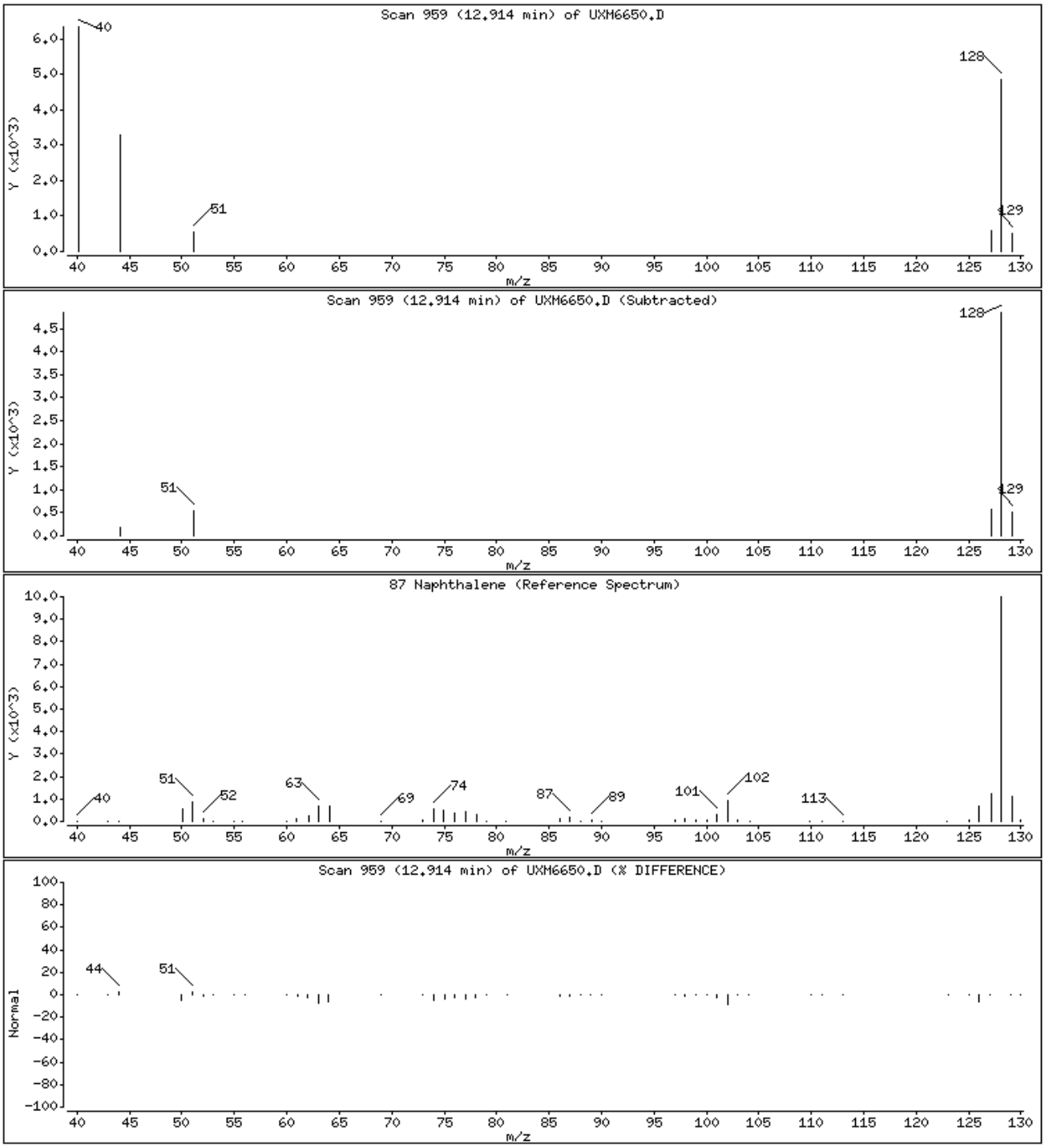
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

87 Naphthalene Concentration: 0.7886 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D

Date : 03-JUN-2010 13:50

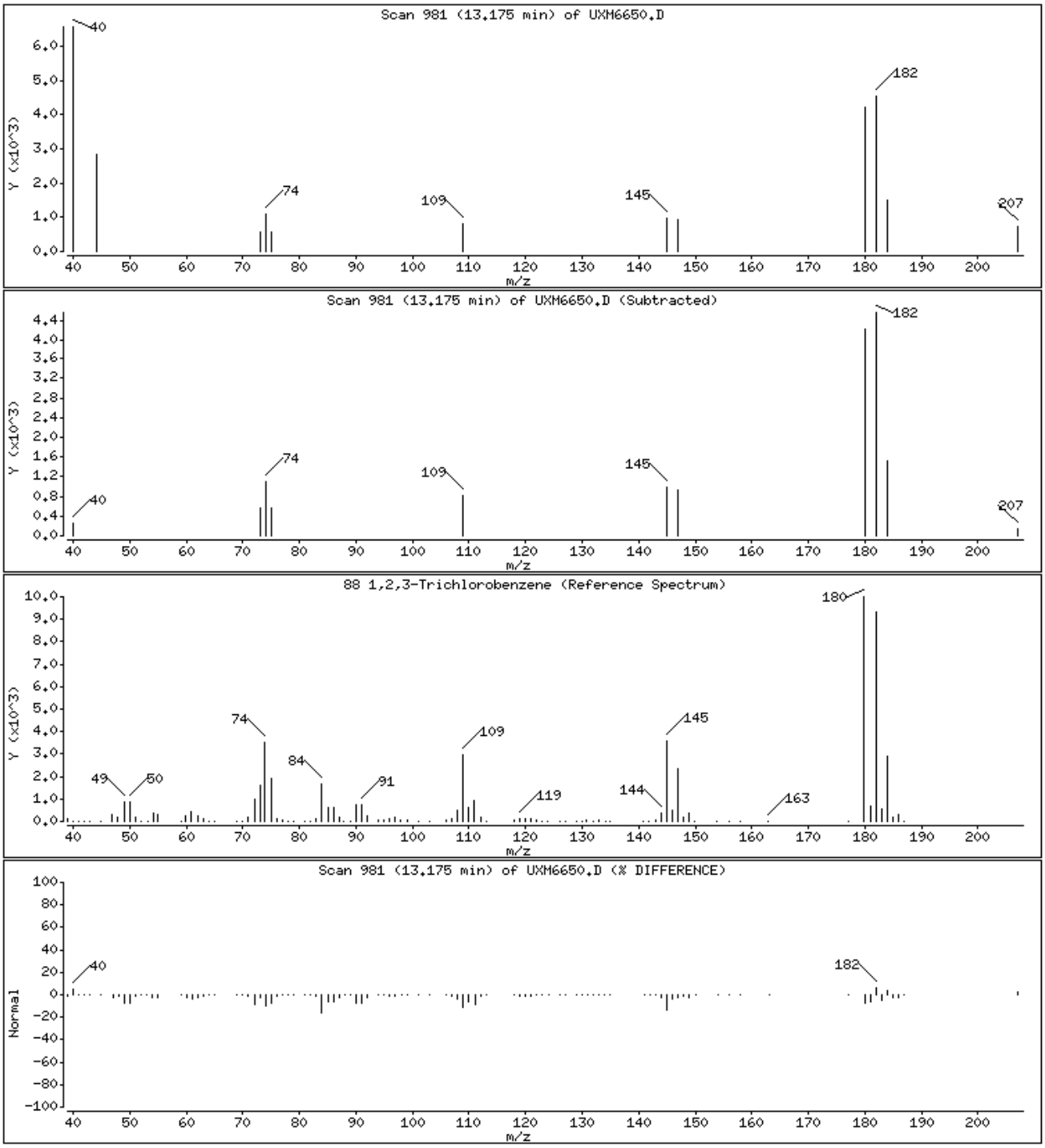
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

88 1,2,3-Trichlorobenzene Concentration: 0.2400 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D

Date : 03-JUN-2010 13:50

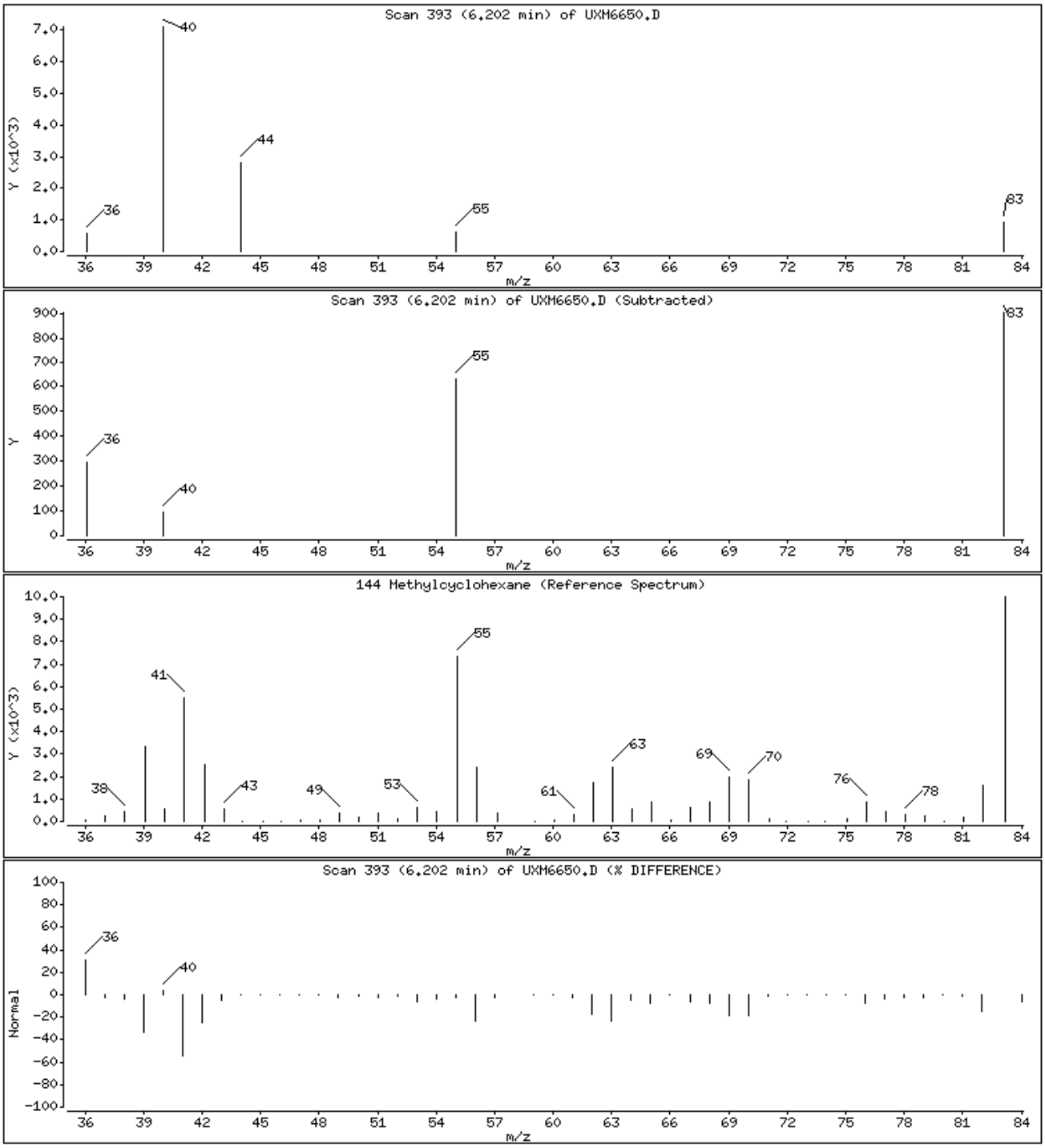
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

144 Methylcyclohexane Concentration: 0.5449 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00603A.b\UXM6650.D

Date : 03-JUN-2010 13:50

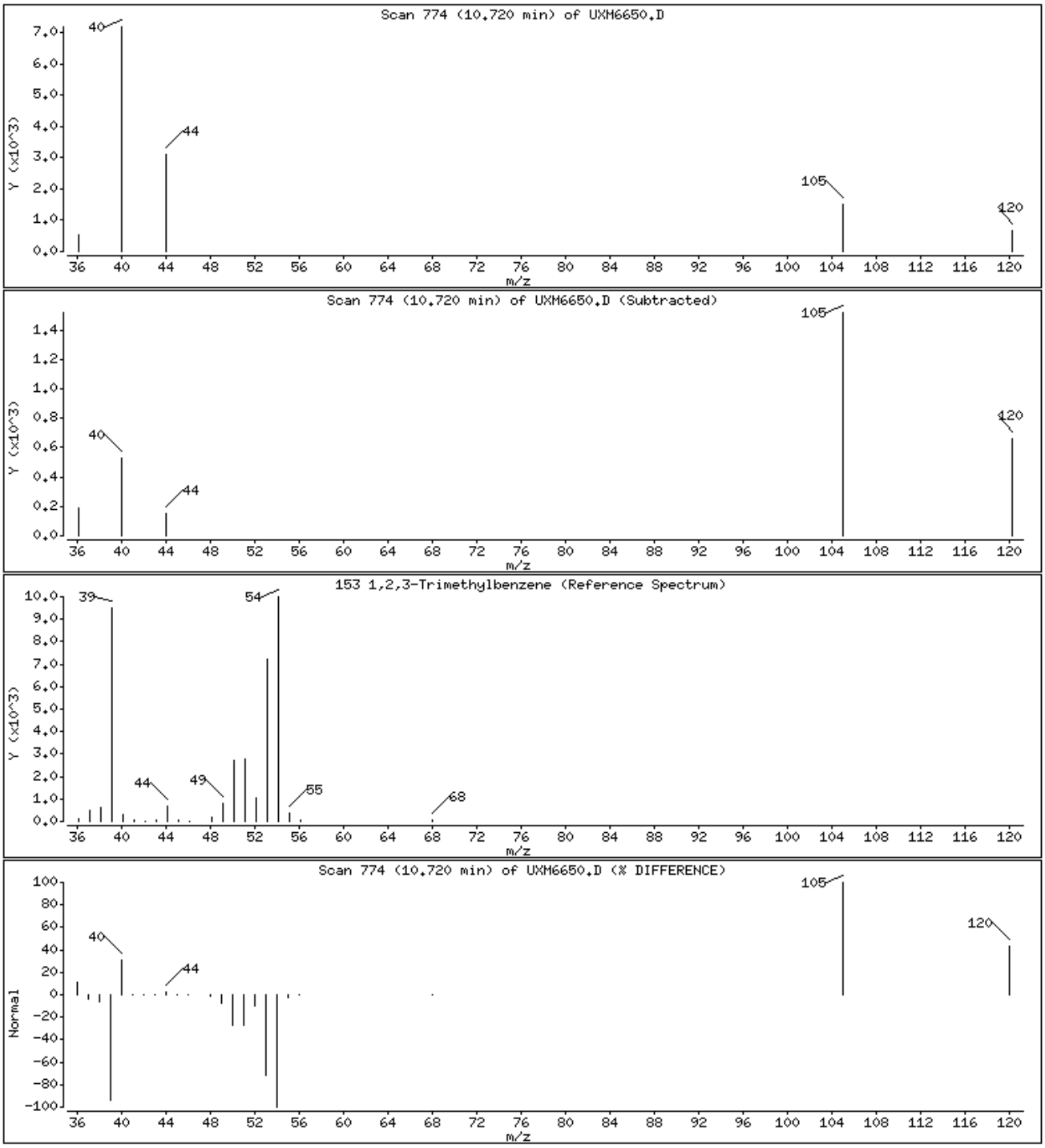
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

153 1,2,3-Trimethylbenzene Concentration: 0.7291 ug/L



METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AA **Matrix.....:** WATER
MB Lot-Sample #: A0F040000-200

Prep Date.....: 06/02/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/02/10 **Prep Batch #...:** 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 122)
1,2-Dichloroethane-d4	99	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)

NOTE(S):

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

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D
Report Date: 04-Jun-2010 12:15

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D
Lab Smp Id: VBLK
Inj Date : 02-JUN-2010 00:09
Operator : 1644 Inst ID: a3ux16.i
Smp Info : VBLK,5ML/5ML
Misc Info : M00601B,8260LLUX16,,1644,3,,BLANK,,0
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Meth Date : 02-Jun-2010 10:09 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 34 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1391129	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1066817	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	508517	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	387882	51.9726	10.394
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	469584	49.7439	9.949
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1335113	47.6045	9.521
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	409628	41.7258	8.345
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D
Report Date: 04-Jun-2010 12:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76 tert-Butylbenzene	119	10.245	10.245 (0.962)	1503	1.82150	0.3643
77 1,2,4-Trimethylbenzene	105	10.293	10.293 (0.967)	1316	2.12783	0.4256
78 sec-Butylbenzene	105	Compound Not Detected.				

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D
Report Date: 04-Jun-2010 12:15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	11.004	11.004	(1.033)	4446	2.04179	0.4084
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	9007	2.40435	0.4809
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	8367	1.24818	0.2496
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
99 n-Butanol	56	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
103 Cyclohexanone	55	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
149 Vinyl Acetate-86	86	Compound Not Detected.					
151 t-Butyl ethyl ether	59	Compound Not Detected.					
152 t-Amyl methyl ether	73	Compound Not Detected.					
153 1,2,3-Trimethylbenzene	105	10.720	10.719	(1.007)	2308	3.64691	0.7294(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D
Report Date: 04-Jun-2010 12:15

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux16.i
Calibration Date: 01-JUN-2010
Lab File ID: UXM6595.D
Calibration Time: 22:42
Lab Smp Id: VBLK
Analysis Type: VOA
Level: LOW
Quant Type: ISTD
Sample Type: WATER
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Misc Info: M00601B,8260LLUX16,,1644,3,,BLANK,,0

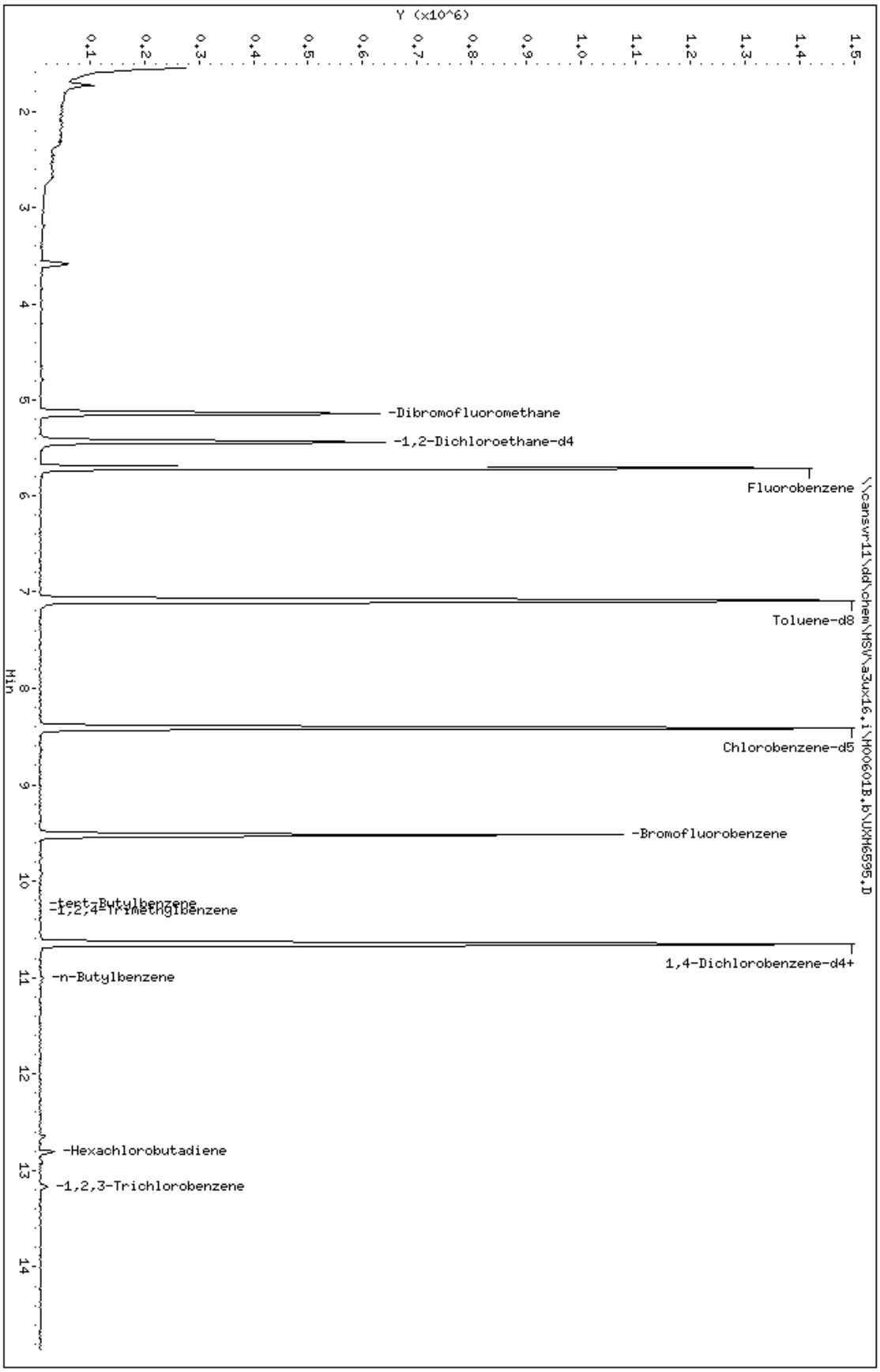
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1663323	831662	3326646	1391129	-16.36
2 Chlorobenzene-d5	1268717	634359	2537434	1066817	-15.91
3 1,4-Dichlorobenze	732741	366371	1465482	508517	-30.60

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D
Date : 02-JUN-2010 00:09
Client ID:
Sample Info: VBLK,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D

Date : 02-JUN-2010 00:09

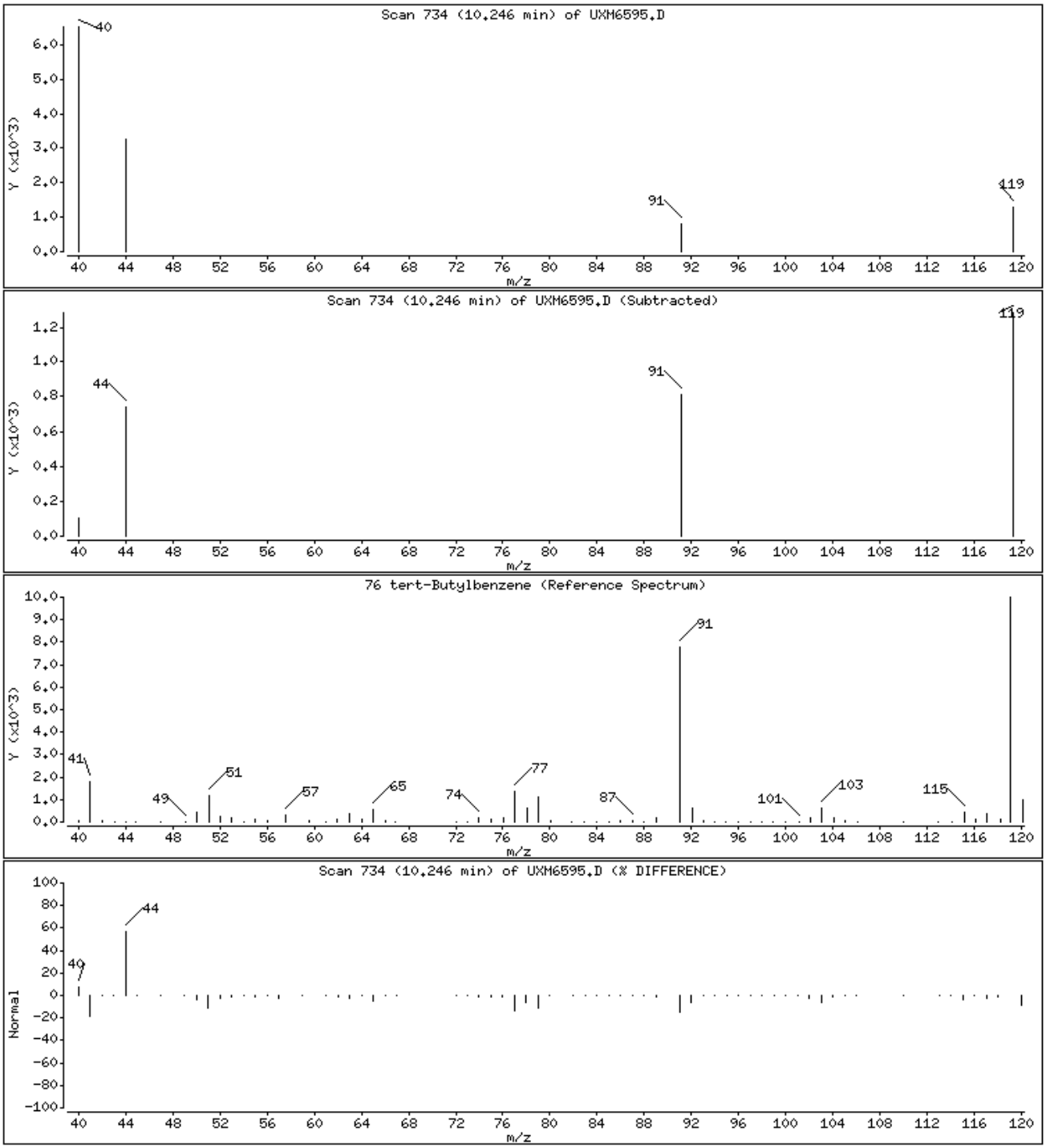
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

76 tert-Butylbenzene Concentration: 0.3643 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D

Date : 02-JUN-2010 00:09

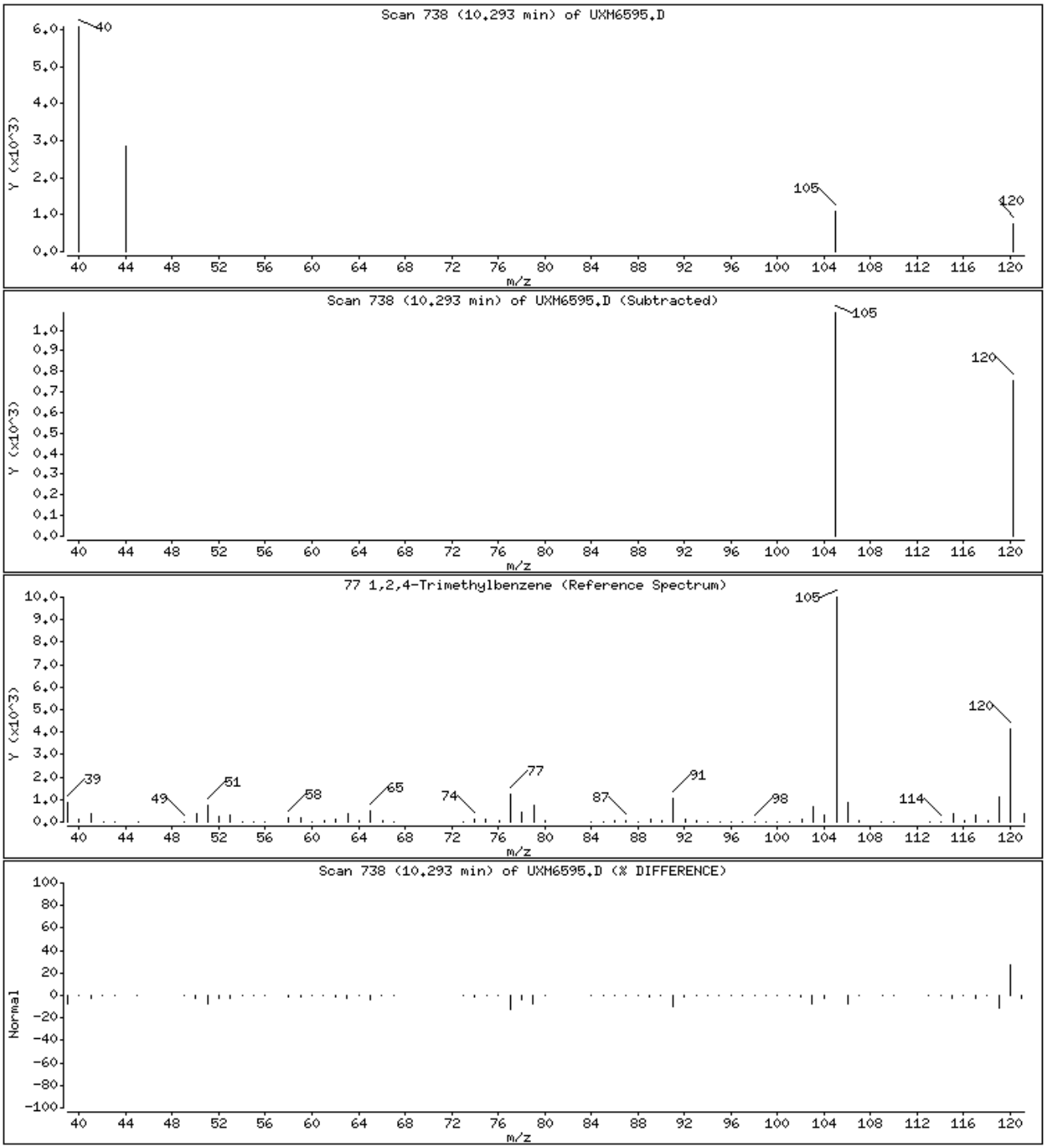
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

77 1,2,4-Trimethylbenzene Concentration: 0.4256 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D

Date : 02-JUN-2010 00:09

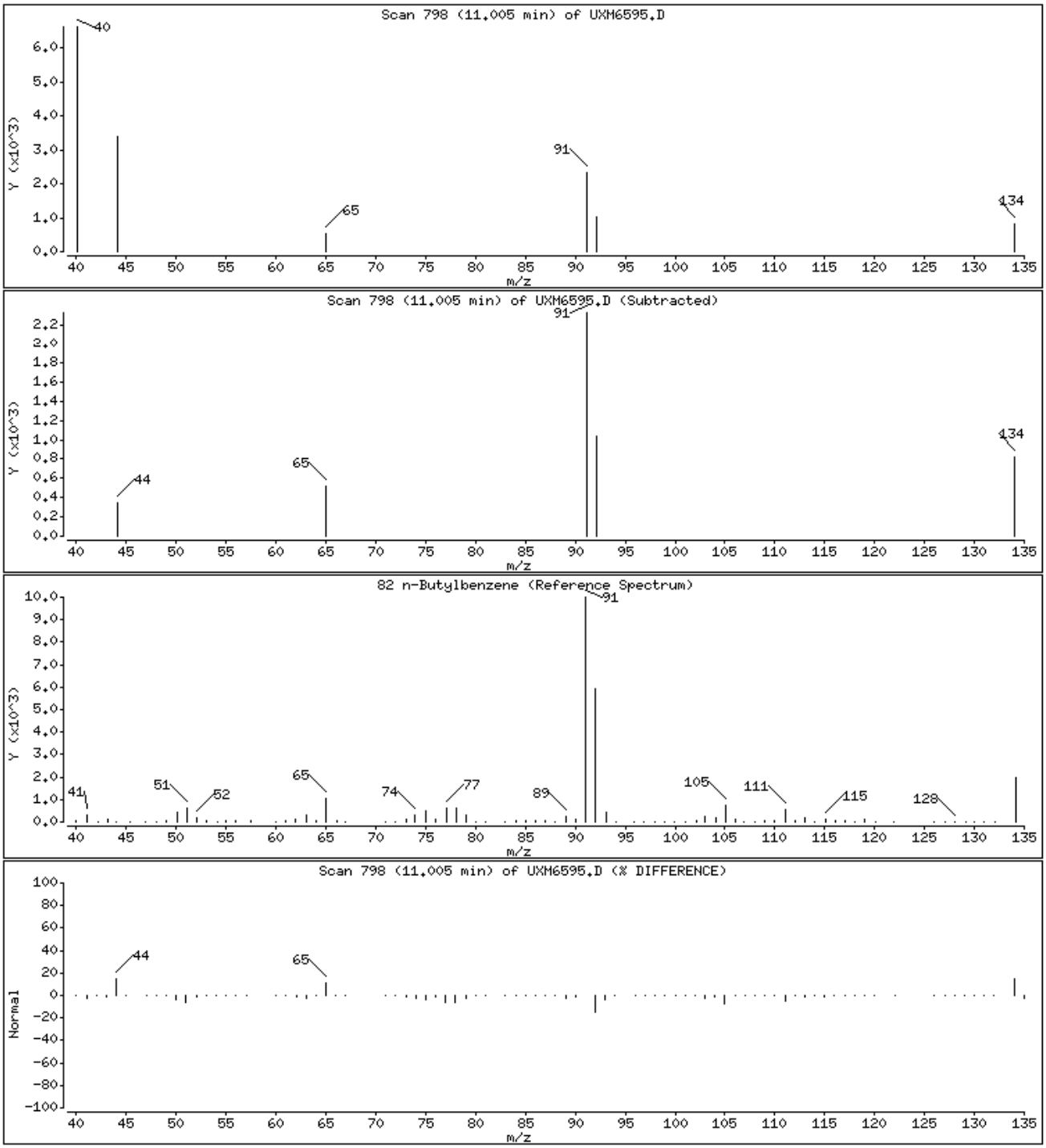
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

82 n-Butylbenzene Concentration: 0.4084 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D

Date : 02-JUN-2010 00:09

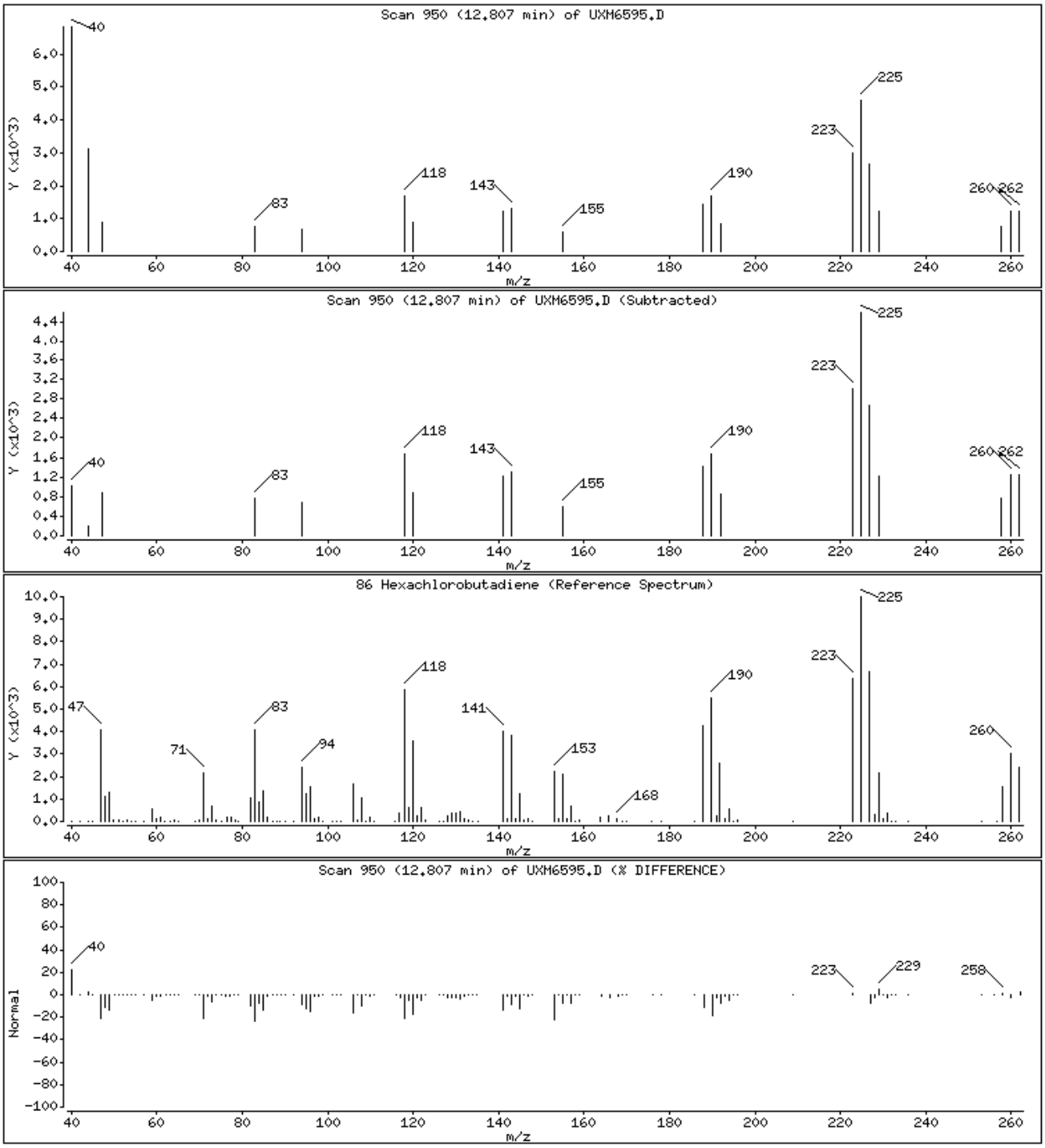
Client ID: | Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 | Operator: 1644

Column phase: DB624 | Column diameter: 0.18

86 Hexachlorobutadiene | Concentration: 0.4809 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D

Date : 02-JUN-2010 00:09

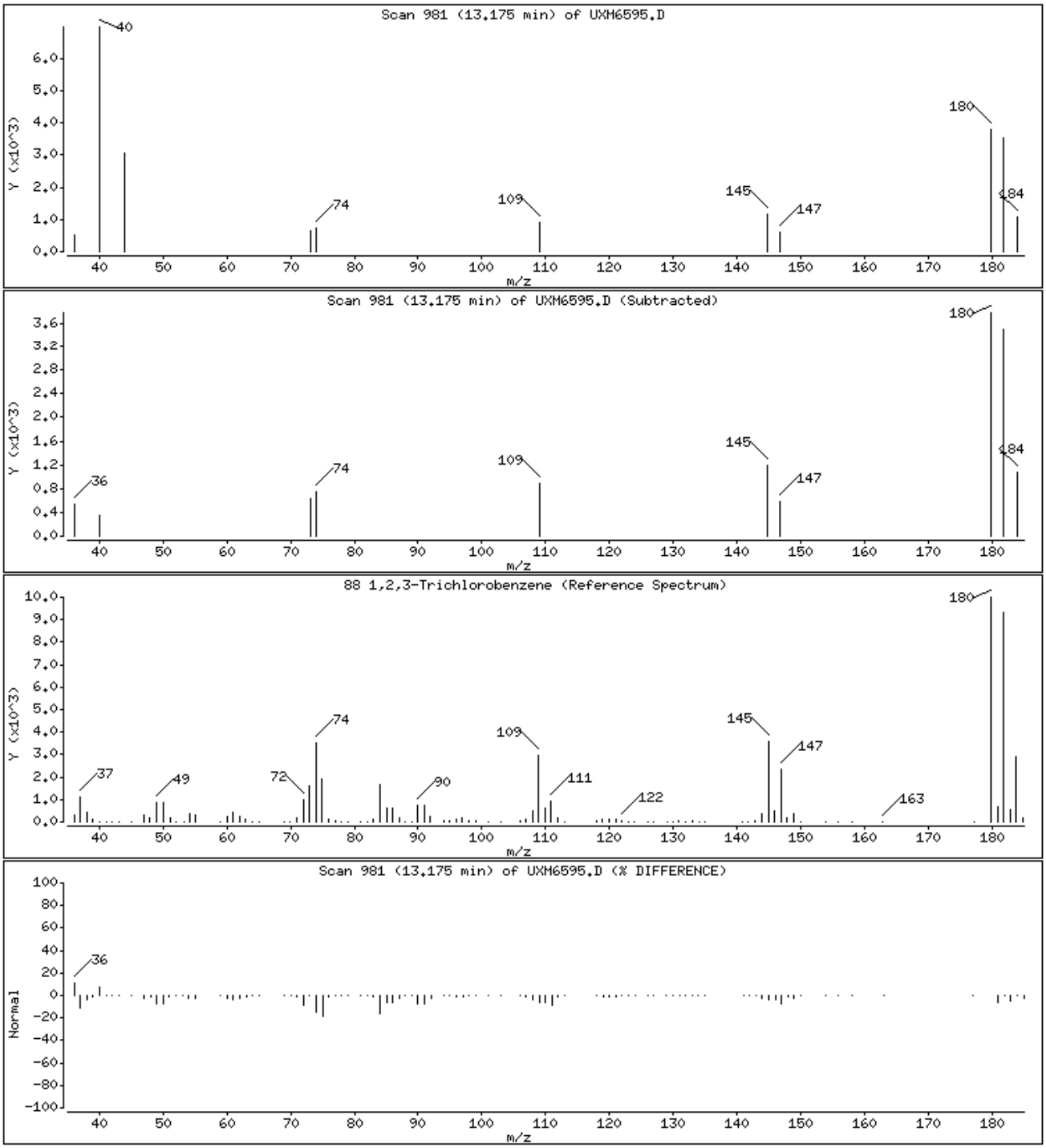
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

88 1,2,3-Trichlorobenzene Concentration: 0.2496 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6595.D

Date : 02-JUN-2010 00:09

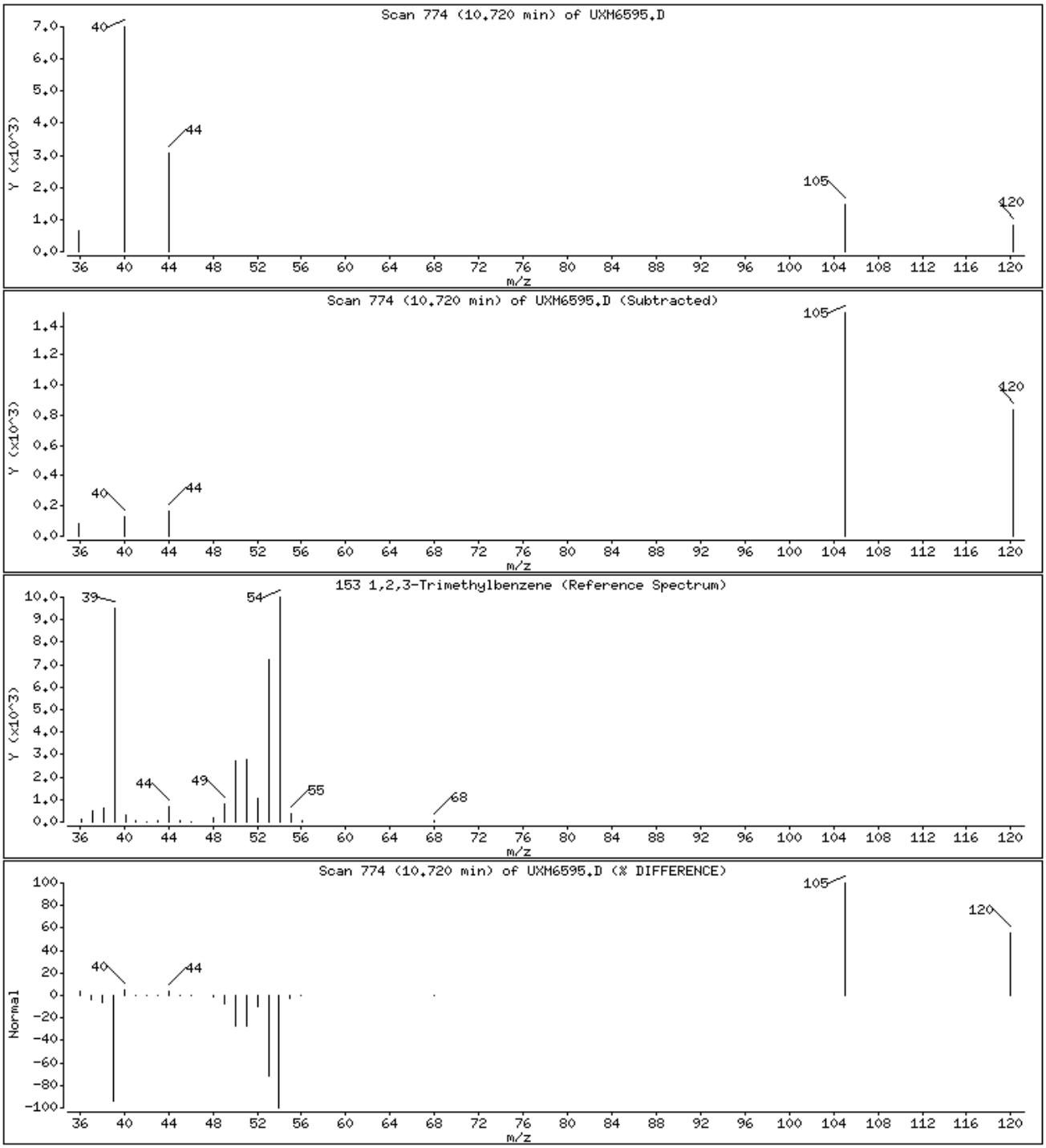
Client ID: Instrument: a3ux16.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1644

Column phase: DB624 Column diameter: 0.18

153 1,2,3-Trimethylbenzene Concentration: 0.7294 ug/L



MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(78 - 118)**			**SW846 8260B**
	101	**(78 - 118)**	**4.1**	**(0-20)**	**SW846 8260B**
Bromobenzene	87	(70 - 130)			SW846 8260B
	92	(70 - 130)	5.8	(0-30)	SW846 8260B
Acetone	85	(45 - 128)			SW846 8260B
	84	(45 - 128)	1.4	(0-30)	SW846 8260B
Carbon disulfide	112	(69 - 138)			SW846 8260B
	115	(69 - 138)	3.1	(0-41)	SW846 8260B
Bromochloromethane	96	(70 - 130)			SW846 8260B
	98	(70 - 130)	2.2	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	97	(86 - 115)			SW846 8260B
	100	(86 - 115)	3.4	(0-30)	SW846 8260B
Bromodichloromethane	93	(80 - 146)			SW846 8260B
	96	(80 - 146)	2.9	(0-30)	SW846 8260B
2-Butanone	91	(71 - 123)			SW846 8260B
	97	(71 - 123)	6.2	(0-30)	SW846 8260B
Bromoform	94	(58 - 176)			SW846 8260B
	94	(58 - 176)	0.05	(0-30)	SW846 8260B
Bromomethane	68	(55 - 145)			SW846 8260B
	76	(55 - 145)	12	(0-30)	SW846 8260B
n-Butylbenzene	72	(70 - 130)			SW846 8260B
	84	(70 - 130)	15	(0-30)	SW846 8260B
4-Methyl-2-pentanone	93	(82 - 135)			SW846 8260B
	101	(82 - 135)	7.9	(0-30)	SW846 8260B
sec-Butylbenzene	76	(70 - 130)			SW846 8260B
	86	(70 - 130)	13	(0-30)	SW846 8260B
2-Hexanone	89	(81 - 128)			SW846 8260B
	95	(81 - 128)	7.0	(0-30)	SW846 8260B
tert-Butylbenzene	77	(70 - 130)			SW846 8260B
	86	(70 - 130)	11	(0-30)	SW846 8260B
Carbon tetrachloride	90	(63 - 176)			SW846 8260B
	93	(63 - 176)	2.5	(0-30)	SW846 8260B
Xylenes (total)	92	(89 - 121)			SW846 8260B
	98	(89 - 121)	5.9	(0-30)	SW846 8260B
Chlorobenzene	**89**	**(76 - 117)**			**SW846 8260B**
	93	**(76 - 117)**	**4.6**	**(0-20)**	**SW846 8260B**
Dibromochloromethane	91	(71 - 158)			SW846 8260B
	94	(71 - 158)	2.5	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	100	(70 - 130)			SW846 8260B
	99	(70 - 130)	0.78	(0-30)	SW846 8260B
Methyl acetate	75	(70 - 130)			SW846 8260B
	78	(70 - 130)	4.0	(0-30)	SW846 8260B
Chloroethane	79	(59 - 142)			SW846 8260B
	85	(59 - 142)	7.0	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	79	(70 - 130)			SW846 8260B
	95	(70 - 130)	18	(0-30)	SW846 8260B
Cyclohexane	81	(70 - 130)			SW846 8260B
	85	(70 - 130)	4.3	(0-30)	SW846 8260B
Methylcyclohexane	68 a	(70 - 130)			SW846 8260B
	72	(70 - 130)	6.1	(0-30)	SW846 8260B
Chloroform	92	(83 - 141)			SW846 8260B
	94	(83 - 141)	1.8	(0-30)	SW846 8260B
Chloromethane	74	(40 - 137)			SW846 8260B
	76	(40 - 137)	2.7	(0-39)	SW846 8260B
1,2-Dibromo-3-chloro-propane	91	(70 - 130)			SW846 8260B
	99	(70 - 130)	9.1	(0-30)	SW846 8260B
2-Chlorotoluene	86	(70 - 130)			SW846 8260B
	95	(70 - 130)	9.2	(0-30)	SW846 8260B
Methyl tert-butyl ether	79	(70 - 130)			SW846 8260B
	95	(70 - 130)	18	(0-30)	SW846 8260B
n-Hexane	84	(70 - 130)			SW846 8260B
	89	(70 - 130)	6.4	(0-30)	SW846 8260B
4-Chlorotoluene	87	(70 - 130)			SW846 8260B
	93	(70 - 130)	6.4	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	0.0 a	(70 - 130)			SW846 8260B
	0.0 a	(70 - 130)	0.0	(0-30)	SW846 8260B
Acetonitrile	93	(50 - 130)			SW846 8260B
	102	(50 - 130)	8.7	(0-30)	SW846 8260B
1,2-Dibromoethane	92	(70 - 130)			SW846 8260B
	96	(70 - 130)	4.3	(0-30)	SW846 8260B
Acrolein	121	(50 - 130)			SW846 8260B
	127	(50 - 130)	4.7	(0-30)	SW846 8260B
Acrylonitrile	102	(50 - 130)			SW846 8260B
	106	(50 - 130)	3.4	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	95	(70 - 130)			SW846 8260B
	101	(70 - 130)	6.1	(0-30)	SW846 8260B
Dibromomethane	95	(70 - 130)			SW846 8260B
	98	(70 - 130)	3.5	(0-30)	SW846 8260B
1,2-Dichlorobenzene	85	(70 - 130)			SW846 8260B
	91	(70 - 130)	6.4	(0-30)	SW846 8260B
1,3-Dichlorobenzene	83	(70 - 130)			SW846 8260B
	89	(70 - 130)	7.5	(0-30)	SW846 8260B
1,4-Dichlorobenzene	83	(70 - 130)			SW846 8260B
	89	(70 - 130)	6.6	(0-30)	SW846 8260B
Iodomethane	103	(70 - 130)			SW846 8260B
	107	(70 - 130)	4.5	(0-30)	SW846 8260B
Isopropyl ether	91	(70 - 130)			SW846 8260B
	97	(70 - 130)	6.3	(0-30)	SW846 8260B
Dichlorodifluoromethane	58 a	(70 - 130)			SW846 8260B
	58 a	(70 - 130)	0.41	(0-30)	SW846 8260B
1,1-Dichloroethane	96	(88 - 127)			SW846 8260B
	98	(88 - 127)	2.6	(0-30)	SW846 8260B
1,2-Dichloroethane	91	(71 - 160)			SW846 8260B
	94	(71 - 160)	3.1	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	94	(87 - 114)			SW846 8260B
	97	(87 - 114)	4.0	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	100	(85 - 116)			SW846 8260B
	102	(85 - 116)	2.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**108**	**(62 - 130)**			**SW846 8260B**
	113	**(62 - 130)**	**4.1**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	93	(87 - 114)			SW846 8260B
	95	(87 - 114)	2.2	(0-30)	SW846 8260B
1,3-Dichloropropane	91	(70 - 130)			SW846 8260B
	96	(70 - 130)	4.9	(0-30)	SW846 8260B
2,2-Dichloropropane	70	(70 - 130)			SW846 8260B
	76	(70 - 130)	8.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	77 a	(82 - 130)			SW846 8260B
	82	(82 - 130)	5.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	84	(73 - 147)			SW846 8260B
	89	(73 - 147)	4.8	(0-30)	SW846 8260B
1,1-Dichloropropene	96	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.7	(0-30)	SW846 8260B
Ethylbenzene	92	(86 - 132)			SW846 8260B
	97	(86 - 132)	6.2	(0-30)	SW846 8260B
Hexachlorobutadiene	66 a	(70 - 130)			SW846 8260B
	78	(70 - 130)	16	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Isopropylbenzene	81	(70 - 130)			SW846 8260B
	88	(70 - 130)	7.6	(0-30)	SW846 8260B
p-Isopropyltoluene	77	(70 - 130)			SW846 8260B
	88	(70 - 130)	14	(0-30)	SW846 8260B
Methylene chloride	95	(82 - 115)			SW846 8260B
	97	(82 - 115)	2.3	(0-30)	SW846 8260B
Naphthalene	70	(70 - 130)			SW846 8260B
	82	(70 - 130)	16	(0-30)	SW846 8260B
n-Propylbenzene	82	(70 - 130)			SW846 8260B
	90	(70 - 130)	9.2	(0-30)	SW846 8260B
Styrene	84	(83 - 120)			SW846 8260B
	88	(83 - 120)	4.4	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	90	(70 - 130)			SW846 8260B
	92	(70 - 130)	2.6	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	87 a	(88 - 116)			SW846 8260B
	91	(88 - 116)	5.3	(0-30)	SW846 8260B
Tetrachloroethene	87	(85 - 121)			SW846 8260B
	93	(85 - 121)	7.5	(0-30)	SW846 8260B
Toluene	**94**	**(70 - 119)**			**SW846 8260B**
	99	**(70 - 119)**	**4.8**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	83	(70 - 130)			SW846 8260B
	93	(70 - 130)	12	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	76	(70 - 130)			SW846 8260B
	88	(70 - 130)	14	(0-30)	SW846 8260B
1,1,1-Trichloroethane	88	(71 - 162)			SW846 8260B
	93	(71 - 162)	6.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	92	(86 - 129)			SW846 8260B
	95	(86 - 129)	3.4	(0-30)	SW846 8260B
Trichloroethene	**90**	**(62 - 130)**			**SW846 8260B**
	92	**(62 - 130)**	**2.7**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	73	(70 - 130)			SW846 8260B
	81	(70 - 130)	10	(0-30)	SW846 8260B
1,2,3-Trichloropropane	93	(70 - 130)			SW846 8260B
	97	(70 - 130)	3.8	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	85	(70 - 130)			SW846 8260B
	93	(70 - 130)	9.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	81	(70 - 130)			SW846 8260B
	89	(70 - 130)	9.3	(0-30)	SW846 8260B
Vinyl chloride	83 a	(88 - 126)			SW846 8260B
	85 a	(88 - 126)	2.5	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
m-Xylene & p-Xylene	95	(70 - 130)			SW846 8260B
	100	(70 - 130)	5.2	(0-30)	SW846 8260B
o-Xylene	86	(70 - 130)			SW846 8260B
	93	(70 - 130)	7.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	95	(61 - 128)
	95	(61 - 128)
Toluene-d8	104	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	111	(74 - 116)
	109	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**101**	**4.1**	**SW846 8260B**
Bromobenzene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.2	ug/L	92	5.8	SW846 8260B
Acetone	ND	20	17	ug/L	85		SW846 8260B
	ND	20	17	ug/L	84	1.4	SW846 8260B
Carbon disulfide	ND	10	11	ug/L	112		SW846 8260B
	ND	10	12	ug/L	115	3.1	SW846 8260B
Bromochloromethane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.8	ug/L	98	2.2	SW846 8260B
1,2-Dichloroethene (total)	ND	20	19	ug/L	97		SW846 8260B
	ND	20	20	ug/L	100	3.4	SW846 8260B
Bromodichloromethane	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.6	ug/L	96	2.9	SW846 8260B
2-Butanone	ND	20	18	ug/L	91		SW846 8260B
	ND	20	19	ug/L	97	6.2	SW846 8260B
Bromoform	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.4	ug/L	94	0.05	SW846 8260B
Bromomethane	ND	10	6.8	ug/L	68		SW846 8260B
	ND	10	7.6	ug/L	76	12	SW846 8260B
n-Butylbenzene	ND	10	7.2	ug/L	72		SW846 8260B
	ND	10	8.4	ug/L	84	15	SW846 8260B
4-Methyl-2-pentanone	ND	20	19	ug/L	93		SW846 8260B
	ND	20	20	ug/L	101	7.9	SW846 8260B
sec-Butylbenzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.6	ug/L	86	13	SW846 8260B
2-Hexanone	ND	20	18	ug/L	89		SW846 8260B
	ND	20	19	ug/L	95	7.0	SW846 8260B
tert-Butylbenzene	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.6	ug/L	86	11	SW846 8260B
Carbon tetrachloride	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.3	ug/L	93	2.5	SW846 8260B
Xylenes (total)	ND	30	28	ug/L	92		SW846 8260B
	ND	30	29	ug/L	98	5.9	SW846 8260B
Chlorobenzene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.3**	**ug/L**	**93**	**4.6**	**SW846 8260B**
Dibromochloromethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	2.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	10	ug/L	100		SW846 8260B
	ND	10	9.9	ug/L	99	0.78	SW846 8260B
Methyl acetate	ND	10	7.5	ug/L	75		SW846 8260B
	ND	10	7.8	ug/L	78	4.0	SW846 8260B
Chloroethane	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	8.5	ug/L	85	7.0	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	9.5	ug/L	95	18	SW846 8260B
Cyclohexane	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.5	ug/L	85	4.3	SW846 8260B
Methylcyclohexane	ND	10	6.8	ug/L	68 a		SW846 8260B
	ND	10	7.2	ug/L	72	6.1	SW846 8260B
Chloroform	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.4	ug/L	94	1.8	SW846 8260B
Chloromethane	ND	10	7.4	ug/L	74		SW846 8260B
	ND	10	7.6	ug/L	76	2.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.9	ug/L	99	9.1	SW846 8260B
2-Chlorotoluene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.5	ug/L	95	9.2	SW846 8260B
Methyl tert-butyl ether	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	9.5	ug/L	95	18	SW846 8260B
n-Hexane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.9	ug/L	89	6.4	SW846 8260B
4-Chlorotoluene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.3	ug/L	93	6.4	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	0.0	ug/L	0.0 a		SW846 8260B
	ND	10	0.0	ug/L	0.0 a	0.0	SW846 8260B
Acetonitrile	ND	30	28	ug/L	93		SW846 8260B
	ND	30	31	ug/L	102	8.7	SW846 8260B
1,2-Dibromoethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.6	ug/L	96	4.3	SW846 8260B
Acrolein	ND	30	36	ug/L	121		SW846 8260B
	ND	30	38	ug/L	127	4.7	SW846 8260B
Acrylonitrile	ND	30	31	ug/L	102		SW846 8260B
	ND	30	32	ug/L	106	3.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Vinyl acetate	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	10	ug/L	101	6.1	SW846 8260B
Dibromomethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.8	ug/L	98	3.5	SW846 8260B
1,2-Dichlorobenzene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	9.1	ug/L	91	6.4	SW846 8260B
1,3-Dichlorobenzene	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	8.9	ug/L	89	7.5	SW846 8260B
1,4-Dichlorobenzene	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	8.9	ug/L	89	6.6	SW846 8260B
Iodomethane	ND	10	10	ug/L	103		SW846 8260B
	ND	10	11	ug/L	107	4.5	SW846 8260B
Isopropyl ether	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.7	ug/L	97	6.3	SW846 8260B
Dichlorodifluoromethane	ND	10	5.8	ug/L	58 a		SW846 8260B
	ND	10	5.8	ug/L	58 a	0.41	SW846 8260B
1,1-Dichloroethane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.8	ug/L	98	2.6	SW846 8260B
1,2-Dichloroethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	3.1	SW846 8260B
cis-1,2-Dichloroethene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.7	ug/L	97	4.0	SW846 8260B
trans-1,2-Dichloroethene	ND	10	10	ug/L	100		SW846 8260B
	ND	10	10	ug/L	102	2.8	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**11**	**ug/L**	**108**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**113**	**4.1**	**SW846 8260B**
1,2-Dichloropropane	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.5	ug/L	95	2.2	SW846 8260B
1,3-Dichloropropane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.6	ug/L	96	4.9	SW846 8260B
2,2-Dichloropropane	ND	10	7.0	ug/L	70		SW846 8260B
	ND	10	7.6	ug/L	76	8.8	SW846 8260B
cis-1,3-Dichloropropene	ND	10	7.7	ug/L	77 a		SW846 8260B
	ND	10	8.2	ug/L	82	5.8	SW846 8260B
trans-1,3-Dichloropropene	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.9	ug/L	89	4.8	SW846 8260B
1,1-Dichloropropene	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.9	ug/L	99	2.7	SW846 8260B
Ethylbenzene	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.7	ug/L	97	6.2	SW846 8260B
Hexachlorobutadiene	ND	10	6.6	ug/L	66 a		SW846 8260B
	ND	10	7.8	ug/L	78	16	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Isopropylbenzene	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.8	ug/L	88	7.6	SW846 8260B
p-Isopropyltoluene	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.8	ug/L	88	14	SW846 8260B
Methylene chloride	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.7	ug/L	97	2.3	SW846 8260B
Naphthalene	ND	10	7.0	ug/L	70		SW846 8260B
	ND	10	8.2	ug/L	82	16	SW846 8260B
n-Propylbenzene	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	9.0	ug/L	90	9.2	SW846 8260B
Styrene	ND	10	8.8	ug/L	84		SW846 8260B
	ND	10	9.2	ug/L	88	4.4	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.2	ug/L	92	2.6	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	8.7	ug/L	87 a		SW846 8260B
	ND	10	9.1	ug/L	91	5.3	SW846 8260B
Tetrachloroethene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.3	ug/L	93	7.5	SW846 8260B
Toluene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.9**	**ug/L**	**99**	**4.8**	**SW846 8260B**
1,2,3-Trichlorobenzene	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	9.3	ug/L	93	12	SW846 8260B
1,2,4-Trichloro-benzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.8	ug/L	88	14	SW846 8260B
1,1,1-Trichloroethane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.3	ug/L	93	6.0	SW846 8260B
1,1,2-Trichloroethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.5	ug/L	95	3.4	SW846 8260B
Trichloroethene	**1.0**	**10**	**10**	**ug/L**	**90**		**SW846 8260B**
	1.0	**10**	**10**	**ug/L**	**92**	**2.7**	**SW846 8260B**
Trichlorofluoromethane	ND	10	7.5	ug/L	73		SW846 8260B
	ND	10	8.3	ug/L	81	10	SW846 8260B
1,2,3-Trichloropropane	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.7	ug/L	97	3.8	SW846 8260B
1,2,4-Trimethylbenzene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	9.3	ug/L	93	9.0	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.9	ug/L	89	9.3	SW846 8260B
Vinyl chloride	ND	10	8.3	ug/L	83 a		SW846 8260B
	ND	10	8.5	ug/L	85 a	2.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
m-Xylene & p-Xylene	ND	20	19	ug/L	95		SW846 8260B
	ND	20	20	ug/L	100	5.2	SW846 8260B
o-Xylene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.3	ug/L	93	7.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	95	(61 - 128)
	95	(61 - 128)
Toluene-d8	104	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	111	(74 - 116)
	109	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6616.D
Report Date: 02-Jun-2010 10:11

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6616.D
Lab Smp Id: L179V1AC Client Smp ID: SW-LJ01-20100527080
Inj Date : 02-JUN-2010 07:49
Operator : 1644 Inst ID: a3ux16.i
Smp Info : L179V1AC,5ML/5ML
Misc Info : M00601B,8260LLUX16,,1644,3,,MS
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Meth Date : 02-Jun-2010 10:09 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 55 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV23

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1541335	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1154410	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	706876	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	415991	50.3071	10.061
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	498879	47.6971	9.539
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1578259	52.0042	10.401
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	591236	55.6551	11.131
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	203475	29.1026	5.820
9 Chloromethane	50	1.790	1.790	(0.313)	399413	36.8965	7.379
10 Vinyl Chloride	62	1.909	1.920	(0.334)	451743	41.3105	8.262
11 Bromomethane	94	2.265	2.264	(0.396)	209626	33.8274	6.765
12 Chloroethane	64	2.371	2.371	(0.415)	264286	39.5296	7.906
13 Trichlorofluoromethane	101	2.620	2.620	(0.459)	352157	37.4565	7.491
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	41090	2.70863	0.5417
15 Acrolein	56	3.035	3.035	(0.531)	154301	181.971	36.394
16 Acetone	43	3.189	3.189	(0.558)	229265	85.2147	17.043
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	404878	53.9919	10.798
18 Freon-113	151	3.142	3.130	(0.550)	306664	50.1007	10.020
19 Iodomethane	142	3.284	3.272	(0.575)	726837	51.2727	10.254
20 Carbon Disulfide	76	3.344	3.332	(0.585)	1316816	55.8500	11.170

21 Methylene Chloride	84	3.593	3.581 (0.629)	489862	47.4465	9.489
22 Acetonitrile	41	3.462	3.462 (0.606)	122001	139.798	27.960

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6616.D
Report Date: 02-Jun-2010 10:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	23 Acrylonitrile	53	3.818	3.818	(0.668)	399148	153.091	30.618
	24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	473089	39.5963	7.919
	25 trans-1,2-Dichloroethene	96	3.842	3.830	(0.672)	469857	49.7835	9.957
	26 Hexane	86	4.067	4.067	(0.712)	57156	41.7509	8.350
	27 Vinyl acetate	43	4.257	4.245	(0.745)	1000216	129.670	25.934
	28 1,1-Dichloroethane	63	4.209	4.209	(0.737)	736988	47.9080	9.582
	29 tert-Butyl Alcohol	59	3.699	3.687	(0.647)	262989	907.697	181.54
	30 2-Butanone	43	4.731	4.731	(0.828)	270343	91.4119	18.282
M	31 1,2-Dichloroethene (total)	96				921489	96.5443	19.309
	32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	451632	46.7608	9.352
	33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	284241	34.8080	6.962
	34 Bromochloromethane	128	4.933	4.933	(0.863)	230878	47.8879	9.578
	35 Chloroform	83	4.992	4.992	(0.873)	753497	46.1618	9.232
	36 Tetrahydrofuran	42	4.980	4.968	(0.871)	76348	45.3205	9.064
	37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	543397	43.9067	8.781
	38 1,1-Dichloropropene	75	5.300	5.288	(0.927)	535657	47.9583	9.592
	39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	501626	45.1284	9.026
	40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	568041	45.7182	9.144
	41 Benzene	78	5.478	5.478	(0.959)	1770082	48.2479	9.650
	42 Trichloroethene	130	6.024	6.023	(1.054)	465884	49.9549	9.991
	43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	379993	46.6790	9.336
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	6.332	6.332	(1.108)	234618	47.4524	9.490
	46 Bromodichloromethane	83	6.462	6.462	(1.131)	483608	46.5870	9.317
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	6.854	6.842	(1.199)	405051	38.6302	7.726
	49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	453151	92.8277	18.566
	50 Toluene	91	7.150	7.150	(0.850)	1763284	47.1325	9.426
	51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	381379	42.2497	8.450
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	322914	45.7492	9.150
	54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	564990	45.6391	9.128
	55 Tetrachloroethene	164	7.648	7.636	(0.910)	331528	43.2561	8.651
	56 2-Hexanone	43	7.719	7.719	(0.918)	310688	88.9394	17.788
	57 Dibromochloromethane	129	7.874	7.873	(0.937)	321970	45.6868	9.137
	58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	291046	45.7944	9.159
	59 Chlorobenzene	112	8.443	8.443	(1.004)	1109728	44.4273	8.885
	60 1,1,1,2-Tetrachloroethane	131	8.514	8.502	(1.013)	380799	44.8821	8.976
	61 Ethylbenzene	106	8.526	8.526	(1.014)	558277	45.7885	9.158
	62 m + p-Xylene	106	8.633	8.632	(1.027)	1485414	95.2960	19.059
M	63 Xylenes (total)	106				2171977	138.429	27.686
	64 Xylene-o	106	9.012	9.012	(1.072)	686563	43.1334	8.627
	65 Styrene	104	9.024	9.024	(1.073)	1175235	44.1568	8.831
	66 Bromoform	173	9.225	9.225	(1.097)	186047	47.0323	9.406
	67 Isopropylbenzene	105	9.356	9.356	(1.113)	1565195	40.5641	8.113
	68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	402986	43.3309	8.666
	69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	97889	50.3979	10.080
	70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	129785	46.5155	9.303
	71 Bromobenzene	156	9.676	9.676	(0.909)	466724	43.2607	8.652
	72 n-Propylbenzene	120	9.759	9.759	(0.916)	448996	41.0010	8.200
	73 2-Chlorotoluene	126	9.854	9.854	(0.925)	425074	43.1209	8.624
	74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1409505	40.5356	8.107

75	4-Chlorotoluene	126	9.961	9.961 (0.935)	451116	43.6874	8.737
76	tert-Butylbenzene	119	10.245	10.245 (0.962)	1044983	38.4641	7.693

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6616.D
Report Date: 02-Jun-2010 10:11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1535470	42.4632	8.493
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	1414615	37.8724	7.574
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	1243109	38.4628	7.692
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	868305	41.4433	8.289
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	907266	41.4443	8.289
82 n-Butylbenzene	91	11.004	11.004	(1.033)	907290	36.0028	7.200
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	880025	42.4909	8.498
84 1,2-Dibromo-3-chloropropane	157	11.822	11.822	(1.110)	57059	45.2548	9.051
85 1,2,4-Trichlorobenzene	180	12.653	12.652	(1.188)	381690	38.2036	7.641
86 Hexachlorobutadiene	225	12.807	12.807	(1.203)	172955	33.2134	6.643
87 Naphthalene	128	12.913	12.913	(1.213)	728384	35.1304	7.026
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	387436	41.5787	8.316
89 Ethyl Ether	59	2.905	2.905	(0.508)	371452	51.2013	10.240
91 3-Chloropropene	76	3.344	3.474	(0.585)	1316816	310.023	62.004
92 Isopropyl Ether	87	4.257	4.257	(0.745)	331139	45.4906	9.098
93 2-Chloro-1,3-butadiene	53	4.067	4.292	(0.712)	16188	1.26344	0.2527
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	4.731	4.778	(0.828)	270343	52.8107	10.562
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	5.371	5.371	(0.639)	508365	2674.14	534.83
99 n-Butanol	56	5.715	5.940	(0.680)	10103	120.841	24.168
100 Methyl Methacrylate	41	6.225	6.296	(1.089)	320726	75.6199	15.124
101 2-Nitropropane	41	6.842	6.664	(1.197)	3060	2.50500	0.5010
103 Cyclohexanone	55	9.475	9.474	(0.890)	138024	567.993	113.60
98 Cyclohexane	56	5.205	5.205	(0.911)	528522	40.5252	8.105
143 Methyl Acetate	43	3.498	3.486	(0.612)	211013	37.5043	7.501
144 Methylcyclohexane	83	6.190	6.190	(1.083)	422814	34.0547	6.811
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
149 Vinyl Acetate-86	86	4.257	4.245	(0.745)	47084	47.6987	9.540
151 t-Butyl ethyl ether	59	Compound Not Detected.					
152 t-Amyl methyl ether	73	5.715	5.549	(1.000)	19264	1.72177	0.3444(a)
153 1,2,3-Trimethylbenzene	105	10.720	10.719	(1.007)	1626406	40.0088	8.002

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6616.D
Report Date: 02-Jun-2010 10:11

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

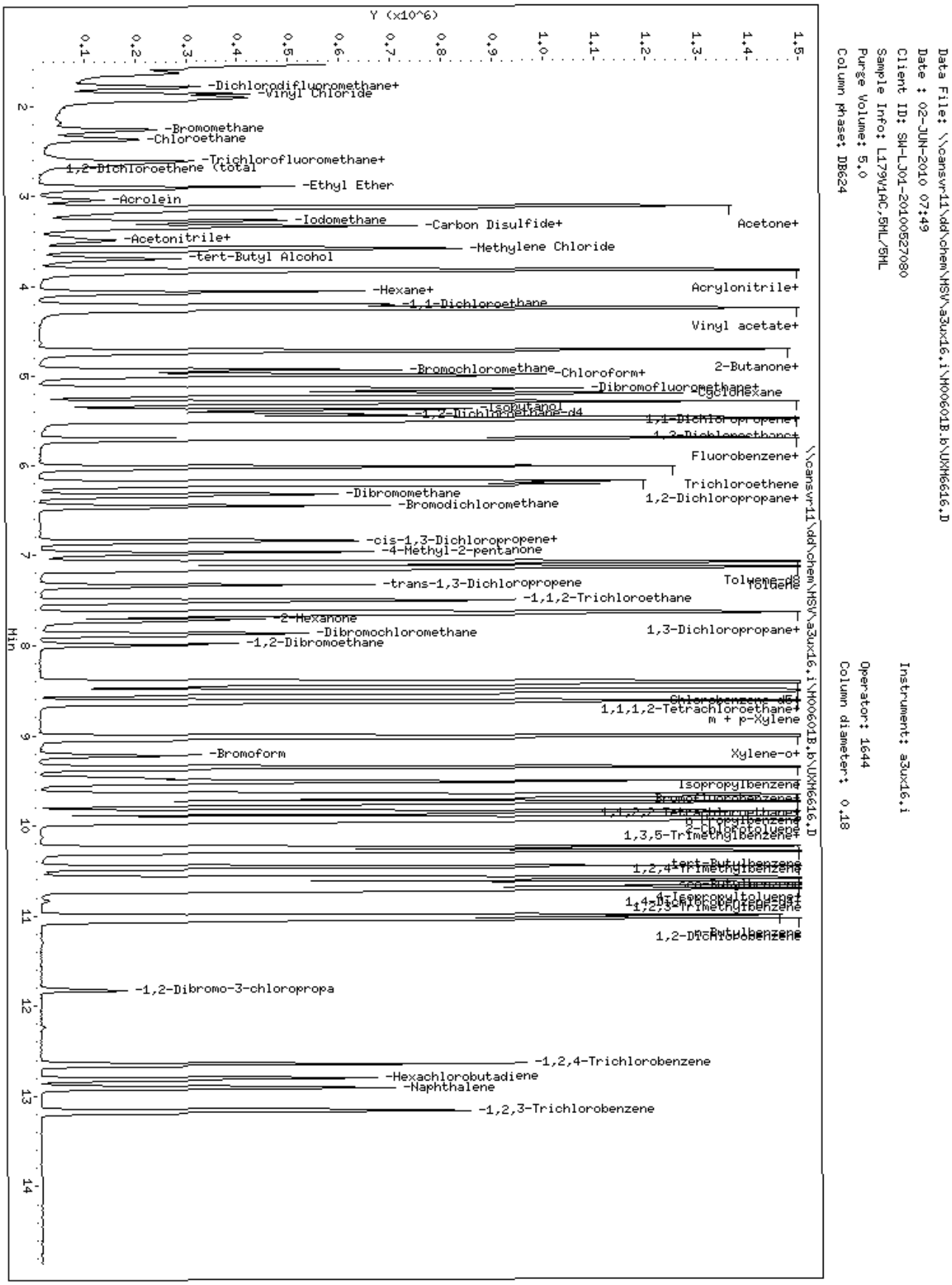
Instrument ID: a3ux16.i
Lab File ID: UXM6616.D
Lab Smp Id: L179V1AC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Misc Info: M00601B,8260LLUX16,,1644,3,,MS

Calibration Date: 01-JUN-2010
Calibration Time: 22:42
Client Smp ID: SW-LJ01-20100527080
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1663323	831662	3326646	1541335	-7.33
2 Chlorobenzene-d5	1268717	634359	2537434	1154410	-9.01
3 1,4-Dichlorobenze	732741	366371	1465482	706876	-3.53

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6616.D
Date : 02-JUN-2010 07:49
Client ID: SW-LJ01-20100527080
Sample Info: L179V1AC,5ML/5ML
Purge Volume: 5.0
Column Phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane+
1,2-Dichloroethene (total
-Ethyl Ether
-Acrolein
Acetone+
-Iodomethane
-Carbon Disulfide+
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane+
Acrylonitrile+
-1,1-Dichloroethane
Vinyl acetate+
2-Butanone+
-Bromochloromethane
-Chloroform+
-Dibromofluoromethane+
Cyclohexane
-Isobutanol
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene+
Trichloroethene
-Dibromomethane
1,2-Dichloropropane+
-Bromodichloromethane
-cis-1,3-Dichloropropene+
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-2-Hexanone
1,3-Dichloropropane+
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene+
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene+
1,2,3-Trimethylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6616.D

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6617.D
Report Date: 02-Jun-2010 10:11

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6617.D
Lab Smp Id: L179V1AD Client Smp ID: SW-LJ01-20100527080
Inj Date : 02-JUN-2010 08:10
Operator : 1644 Inst ID: a3ux16.i
Smp Info : L179V1AD,5ML/5ML
Misc Info : M00601B,8260LLUX16,,1644,3,,MSD
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Meth Date : 02-Jun-2010 10:09 a3ux16.i Quant Type: ISTD
Cal Date : 25-MAY-2010 14:23 Cal File: UXM6409.D
Als bottle: 56 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV23

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	5.715	5.715	(1.000)	1576273	50.0000	
* 2 Chlorobenzene-d5	117	8.407	8.407	(1.000)	1175792	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	10.648	10.648	(1.000)	704387	50.0000	
$ 4 Dibromofluoromethane	113	5.134	5.134	(0.898)	417470	49.3669	9.873
$ 5 1,2-Dichloroethane-d4	65	5.431	5.431	(0.950)	505724	47.2799	9.456
$ 6 Toluene-d8	98	7.091	7.091	(0.843)	1590248	51.4463	10.289
$ 7 Bromofluorobenzene	95	9.522	9.522	(1.133)	589013	54.4376	10.888
8 Dichlorodifluoromethane	85	1.636	1.636	(0.286)	208939	29.2218	5.844
9 Chloromethane	50	1.790	1.790	(0.313)	419811	37.9212	7.584
10 Vinyl Chloride	62	1.921	1.920	(0.336)	473869	42.3733	8.475
11 Bromomethane	94	2.265	2.264	(0.396)	241697	38.1382	7.628
12 Chloroethane	64	2.371	2.371	(0.415)	290003	42.4147	8.483
13 Trichlorofluoromethane	101	2.620	2.620	(0.459)	398993	41.4975	8.300
14 Dichlorofluoromethane	67	2.573	2.573	(0.450)	42704	2.75263	0.5505
15 Acrolein	56	3.035	3.035	(0.531)	165358	190.688	38.138
16 Acetone	43	3.189	3.189	(0.558)	231423	84.0433	16.809
17 1,1-Dichloroethene	96	3.130	3.130	(0.548)	431447	56.2597	11.252
18 Freon-113	151	3.142	3.130	(0.550)	311180	49.7117	9.942
19 Iodomethane	142	3.284	3.272	(0.575)	777783	53.6505	10.730
20 Carbon Disulfide	76	3.344	3.332	(0.585)	1388732	57.5947	11.519

21 Methylene Chloride	84	3.593	3.581 (0.629)	511883	48.5484	9.710
22 Acetonitrile	41	3.462	3.462 (0.606)	136154	152.558	30.512

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6617.D
Report Date: 02-Jun-2010 10:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	23 Acrylonitrile	53	3.818	3.818	(0.668)	422403	158.419	31.684
	24 Methyl tert-butyl ether	73	3.830	3.830	(0.670)	578618	47.3554	9.471
	25 trans-1,2-Dichloroethene	96	3.842	3.830	(0.672)	494217	51.2039	10.241
	26 Hexane	86	4.067	4.067	(0.712)	62326	44.5183	8.904
	27 Vinyl acetate	43	4.257	4.245	(0.745)	1091126	138.321	27.664
	28 1,1-Dichloroethane	63	4.221	4.209	(0.739)	773381	49.1594	9.832
	29 tert-Butyl Alcohol	59	3.688	3.687	(0.645)	303320	1023.69	204.74
	30 2-Butanone	43	4.731	4.731	(0.828)	294038	97.2202	19.444
M	31 1,2-Dichloroethene (total)	96				975158	99.8956	19.979
	32 cis-1,2-dichloroethene	96	4.719	4.719	(0.826)	480941	48.6917	9.738
	33 2,2-Dichloropropane	77	4.719	4.719	(0.826)	317322	37.9978	7.600
	34 Bromochloromethane	128	4.933	4.933	(0.863)	241396	48.9597	9.792
	35 Chloroform	83	4.992	4.992	(0.873)	784695	47.0076	9.402
	36 Tetrahydrofuran	42	4.980	4.968	(0.871)	84556	49.0802	9.816
	37 1,1,1-Trichloroethane	97	5.158	5.158	(0.902)	589911	46.6086	9.322
	38 1,1-Dichloropropene	75	5.300	5.288	(0.927)	562793	49.2710	9.854
	39 Carbon Tetrachloride	117	5.300	5.300	(0.927)	526222	46.2918	9.258
	40 1,2-Dichloroethane	62	5.490	5.490	(0.961)	599353	47.1691	9.434
	41 Benzene	78	5.478	5.478	(0.959)	1885563	50.2565	10.051
	42 Trichloroethene	130	6.024	6.023	(1.054)	489459	51.3195	10.264
	43 1,2-Dichloropropane	63	6.225	6.225	(1.089)	397347	47.7289	9.546
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	6.332	6.332	(1.108)	248479	49.1420	9.828
	46 Bromodichloromethane	83	6.462	6.462	(1.131)	509303	47.9748	9.595
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	6.854	6.842	(1.199)	438909	40.9314	8.186
	49 4-Methyl-2-pentanone	43	6.972	6.972	(1.220)	501762	100.507	20.101
	50 Toluene	91	7.150	7.150	(0.850)	1884008	49.4436	9.889
	51 trans-1,3-Dichloropropene	75	7.340	7.340	(0.873)	407453	44.3174	8.863
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	7.506	7.506	(0.893)	340402	47.3498	9.470
	54 1,3-Dichloropropane	76	7.660	7.660	(0.911)	604391	47.9340	9.587
	55 Tetrachloroethene	164	7.648	7.636	(0.910)	363883	46.6142	9.323
	56 2-Hexanone	43	7.719	7.719	(0.918)	340246	95.3451	19.069
	57 Dibromochloromethane	129	7.874	7.873	(0.937)	336289	46.8508	9.370
	58 1,2-Dibromoethane	107	7.992	7.992	(0.951)	309506	47.8134	9.563
	59 Chlorobenzene	112	8.443	8.443	(1.004)	1183509	46.5195	9.304
	60 1,1,1,2-Tetrachloroethane	131	8.514	8.502	(1.013)	397982	46.0544	9.211
	61 Ethylbenzene	106	8.526	8.526	(1.014)	605321	48.7441	9.749
	62 m + p-Xylene	106	8.633	8.632	(1.027)	1593989	100.402	20.080
M	63 Xylenes (total)	106				2350023	146.892	29.378
	64 Xylene-o	106	9.012	9.012	(1.072)	756034	46.4902	9.298
	65 Styrene	104	9.024	9.024	(1.073)	1253286	46.1337	9.227
	66 Bromoform	173	9.225	9.225	(1.097)	189387	47.0060	9.401
	67 Isopropylbenzene	105	9.368	9.356	(1.114)	1727002	43.7807	8.756
	68 1,1,2,2-Tetrachloroethane	83	9.652	9.652	(0.906)	423416	45.6885	9.138
	69 1,4-Dichloro-2-butene	53	9.700	9.700	(0.911)	107474	55.5283	11.106
	70 1,2,3-Trichloropropane	110	9.700	9.700	(0.911)	134274	48.2944	9.659
	71 Bromobenzene	156	9.676	9.676	(0.909)	493129	45.8697	9.174
	72 n-Propylbenzene	120	9.759	9.759	(0.916)	492450	44.9356	8.987
	73 2-Chlorotoluene	126	9.854	9.854	(0.925)	464677	47.3050	9.461
	74 1,3,5-Trimethylbenzene	105	9.925	9.925	(0.932)	1547906	44.4747	8.895

75	4-Chlorotoluene	126	9.961	9.961 (0.935)	479034	46.5550	9.311
76	tert-Butylbenzene	119	10.245	10.245 (0.962)	1169999	43.0019	8.600

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6617.D
Report Date: 02-Jun-2010 10:11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
77 1,2,4-Trimethylbenzene	105	10.293	10.293	(0.967)	1682037	46.4743	9.295
78 sec-Butylbenzene	105	10.459	10.459	(0.982)	1607174	42.9296	8.586
79 4-Isopropyltoluene	119	10.601	10.601	(0.996)	1428992	44.0362	8.807
80 1,3-Dichlorobenzene	146	10.589	10.589	(0.994)	932528	44.6659	8.933
81 1,4-Dichlorobenzene	146	10.672	10.672	(1.002)	966332	44.2985	8.860
82 n-Butylbenzene	91	11.004	11.004	(1.033)	1060888	41.9328	8.386
83 1,2-Dichlorobenzene	146	11.052	11.052	(1.038)	935065	45.3079	9.062
84 1,2-Dibromo-3-chloropropane	157	11.822	11.822	(1.110)	62260	49.5544	9.911
85 1,2,4-Trichlorobenzene	180	12.653	12.652	(1.188)	439825	44.1779	8.836
86 Hexachlorobutadiene	225	12.819	12.807	(1.204)	201571	38.8454	7.769
87 Naphthalene	128	12.913	12.913	(1.213)	861082	41.0437	8.209
88 1,2,3-Trichlorobenzene	180	13.174	13.174	(1.237)	433843	46.7235	9.345
89 Ethyl Ether	59	2.905	2.905	(0.508)	388256	52.3314	10.466
91 3-Chloropropene	76	3.344	3.474	(0.585)	1388732	319.707	63.941
92 Isopropyl Ether	87	4.257	4.257	(0.745)	360532	48.4307	9.686
93 2-Chloro-1,3-butadiene	53	4.067	4.292	(0.712)	16769	1.27978	0.2560
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	4.731	4.778	(0.828)	294038	56.1663	11.233
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	5.371	5.371	(0.639)	551423	2847.89	569.58
99 n-Butanol	56	5.715	5.940	(0.680)	9992	118.315	23.663
100 Methyl Methacrylate	41	6.225	6.296	(1.089)	338080	77.9448	15.589
101 2-Nitropropane	41	6.854	6.664	(1.199)	3437	2.75126	0.5502
103 Cyclohexanone	55	9.474	9.474	(0.890)	151501	622.382	124.48
98 Cyclohexane	56	5.205	5.205	(0.911)	564044	42.2903	8.458
143 Methyl Acetate	43	3.498	3.486	(0.612)	224557	39.0269	7.805
144 Methylcyclohexane	83	6.190	6.190	(1.083)	461903	36.1988	7.240
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
149 Vinyl Acetate-86	86	4.257	4.245	(0.745)	51364	50.6978	10.140
151 t-Butyl ethyl ether	59	Compound Not Detected.					
152 t-Amyl methyl ether	73	5.715	5.549	(1.000)	19584	1.71157	0.3423(a)
153 1,2,3-Trimethylbenzene	105	10.720	10.719	(1.007)	1759486	43.1293	8.626

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6617.D
Report Date: 02-Jun-2010 10:11

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

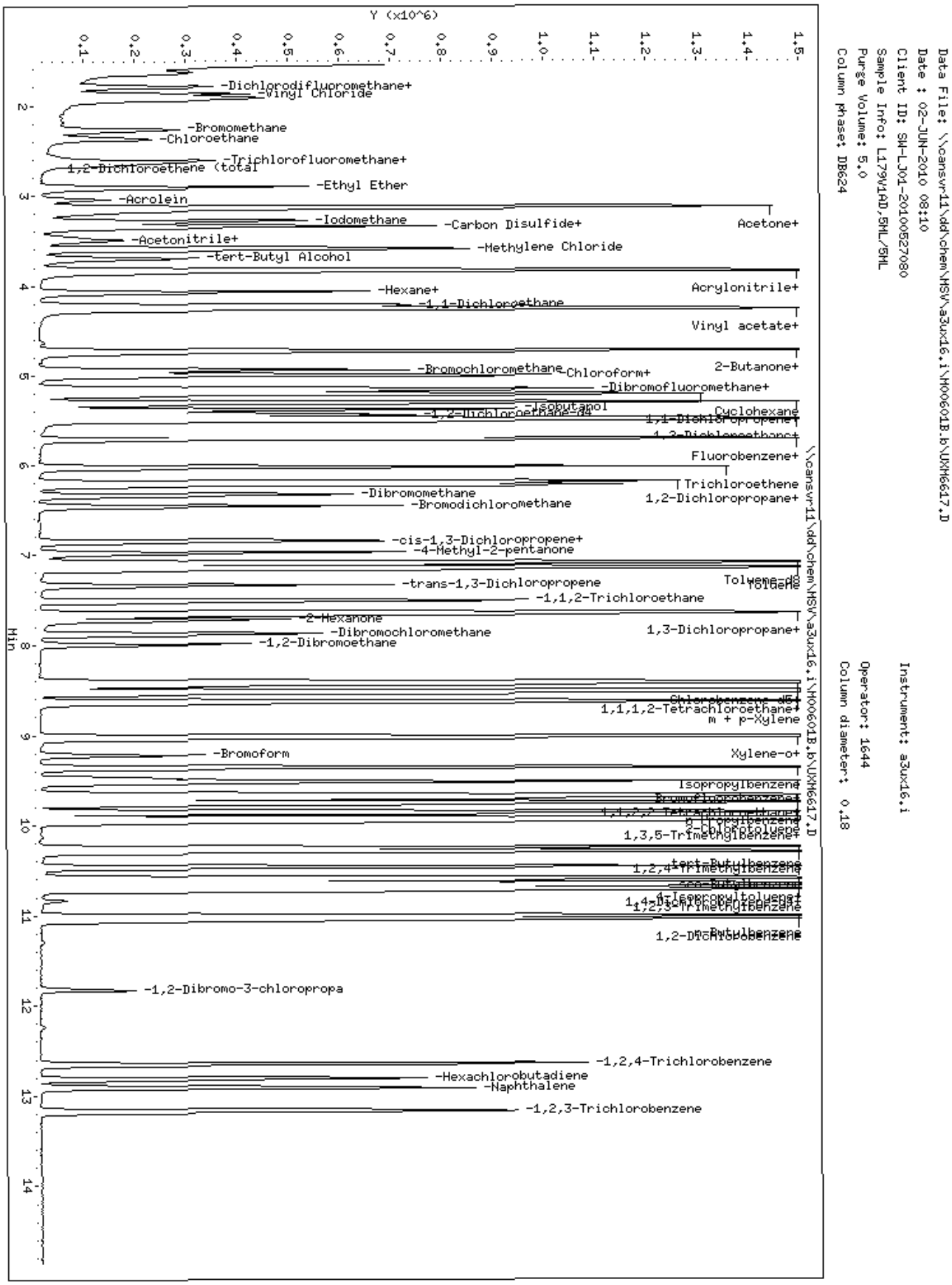
Instrument ID: a3ux16.i
Lab File ID: UXM6617.D
Lab Smp Id: L179V1AD
Analysis Type: VOA
Quant Type: ISTD
Operator: 1644
Method File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\8260LLUX16.m
Misc Info: M00601B,8260LLUX16,,1644,3,,MSD

Calibration Date: 01-JUN-2010
Calibration Time: 22:42
Client Smp ID: SW-LJ01-20100527080
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1663323	831662	3326646	1576273	-5.23
2 Chlorobenzene-d5	1268717	634359	2537434	1175792	-7.32
3 1,4-Dichlorobenze	732741	366371	1465482	704387	-3.87

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	5.72	5.22	6.22	5.72	0.00
2 Chlorobenzene-d5	8.41	7.91	8.91	8.41	0.00
3 1,4-Dichlorobenze	10.65	10.15	11.15	10.65	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6617.D
Date : 02-JUN-2010 08:10
Client ID: SW-LJ01-20100527080
Sample Info: L179V1AD,5ML/5ML
Purge Volume: 5.0
Column Phase: DB624
Instrument: a3ux16.i
Operator: 1644
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorodifluoromethane+
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane+
1,2-Dichloroethene (total
-Ethyl Ether
-Acrolein
Acetone+
-Iodomethane
-Carbon Disulfide+
-Acetonitrile+
-Methylene Chloride
-tert-Butyl Alcohol
-Hexane+
Acrylonitrile+
-1,1-Dichloroethane
Vinyl acetate+
2-Butanone+
-Bromochloromethane
Chloroform+
-Dibromofluoromethane+
-Isobutanol
Cyclohexane
-1,2-Dichloroethane-d4
1,1-Dichloropropene+
1,2-Dichloroethane+
Fluorobenzene+
Trichloroethene
-Dibromomethane
1,2-Dichloropropane+
-Bromodichloromethane
-cis-1,3-Dichloropropene+
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-2-Hexanone
-Dibromochloromethane
1,3-Dichloropropane+
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromofluorobenzene+
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
tert-Butylbenzene
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene+
1,2,3-Trimethylbenzene
n-Butylbenzene
1,2-Dichlorobenzene
-1,2-Dibromo-3-chloropropa
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux16.i\M00601B.b\UXM6617.D

MISCELLANEOUS DATA

UX16
Batch # _____

TestAmerica-North Canton
GC/MS VOA Run Log

Date: 5-25-10

Method: (8260B) SIM

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	40 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @240 C
Flow Rate 0.4ml/min		Hold 3 min	Bake: 5 min @ 250 C
	IS # V8709 SS # V8771		Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
	BFB		BFB 1460	50ng	V8758	1039	ok
	8260 STD		UXM6400	200ng	V8755,60,70,72		ok
			01	100ng			ok
			02	50ng		M00525	ok
			03	25ng			ok
			04	10ng			ok
			05	5ng			ok
	ICU		06	50ng	V8768,70		ok
	APP. IX STD		07	200ng	V8762,73		ok
			08	100ng			ok
			09	50ng		M00525-AS	ok
			10	25ng			ok
			11	10ng			ok
			12	5ng			ok
	LCS		13	50ng	V8768,70		ok
	BLANK		14	5ml	~~V8770~~ RA 5-20-10		ok
	BENCH ADDED SURR's		15	5ml	V8770		ok
			16				ok
			17				ok
			18				ok
			19				ok
	ARCON ADDED SURR's		20	5ml			ok
			21				ok
			22				ok
			23				ok
			UXM6424				ok
						RA 5-20-10	

Analyst: RA
Level 2 review: [illegible] Date 5-28

PDF Made: _____

UX16
Batch # 0155-200

TestAmerica-North Canton
GC/MS VOA Run Log

Date: 6·1·10

Method (8260B) SIM

Column
Type: DB624
Length 20 M
I.D. 0.18 mm
Flow Rate 0.4ml/min

BFB
100 C for 0.1 min
to 200 C @ 20 C/min
Hold -- min

Analysis
40 C for 2 min
to 200 C @ 15 C/min
to -- C @ -- C/min
Hold 3 min

6/9

Purge & Trap
Trap: #10
Purge: 11
Desorb: 1 min @240 C
Bake: 5 min @ 250 C
Heated purge: Yes (No)

IS # U8709 SS # U8775

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
	BFB		BFB1468	50ng	V8538	(Purged) (R)	—
	BFB		BFB1468A		~~V8776, 8781~~ ~~V8777~~ V8781, 8787	V8538 22:00	OK
1	8260		UXM6591		V8777	M005 25	OK
2	A9		UXM6592		V8773		OK
3	LCS		UXM6593		V8783	L2G71AC	OK
4	LCSD		UXM6594			1AD	OK
5	BLANK		UXM6595	5ml		1AA	OK
6	L15X71AA		96				OK
7	L150E1AA		97				OK
8	L150F1AA		98				OK
9	L150H1AA		99				OK
10	L150L1AA		6600				OK
11	L150P1AA		01				OK
12	L150V1AA		02				OK
13	L1500 1AA		03				OK
14	L1508 1AA		04				OK
15	L151J1AA		05				OK
16	L152K1AC		06				OK
17	L153P1AN		07				OK
18	L153R1AN		08				OK
19	L153U1AN		09				OK
20	L1532 1AC		10				OK
21	L1543 1AA		11				OK
22	L179K1AA		12				OK
23	L179M1AA		13				OK
24	L1796 1AE		14				OK
25	L179V1AA		15				OK
26	L179V1AC	MS	16		+50ng		OK
27	L179V1AD	MSD	17				OK
					V8713	6.2.10	

Analyst: LW
Level 2 review: TB Date 6/9/10
PDF Made: ✓

1663323

UX16
Batch # 0155-058

TestAmerica-North Canton
GC/MS VOA Run Log

Date: 6.3.10

Method: 8260B SIM

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 0.1 min	40 C for 2 min	Trap: #10
Length 20 M	to 200 C @ 20 C/min	to 200 C @ 15 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to -- C @ -- C/min	Desorb: 1 min @240 C
Flow Rate 0.4ml/min		Hold 3 min	Bake: 5 min @ 250 C
	IS # V8709 SS # V8775	6/4	Heated purge: Yes No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
	BFB		BFB1470	50ng	V8538	(Purged) 11:42	OK
1	8260		UXM6646		V8795, 8781, V8787	M00525	OK
2	A9		47		V8790		OK
3	LCS	L2FVP	48		V8783	L2FVP1AC	OK
4	LCSD		49			1AD	OK
5	BLANK		50	5ml		1AA	OK
6	L1798IAE		51				OK
7	L18AAIAE		52				OK
8	L18AUIAA		53				OK
9	L2C20IAA		54	2ml/5ml			OK
10	L2C24IAA		55	5ml			OK
11	L2C27IAA		56				OK
12	L2C3AIAA		57				OK
13	L2C3CIAA		58				OK
14	L2C3DIAA		59				OK
15	L2C3EIAA		60				OK
16	L2C3FIAA		61				OK
17	L2C3GIAA		62	2.5ml/5ml			OK
18	L2C3JIAA		63				OK
19	L2C3KIAA		64	0.625ml/5ml			OK
20	L2C3LIAA		65	5ml			OK
21	L2C3MIAA		66				OK
22	L2C3NIAA		67				OK
23	L2D5KIAA		68	0.625ml/5ml			OK
24	L2D5LIAA		69	0.1ml/5ml			OK
25	L2D5NIAA		70	5ml			OK
26	L2C3NIAC	MS	71		+50ng		OK
27	L2C3NIAD	MSD	UXM6672				OK

V0TO
6.4.10

Analyst:
Level 2 review: / Date 6/4/10

PDF Made:

1586383

780509
080453
080430

Lot: A0E280509

A0E280509

Sample	Work Order	SAC	Client Sample ID	pH	Free Chlorine
1	L179K-1AA	XX I 25 QK 01	SW-CH01-201005261550	<2	ND
2	L179M-1AA	XX I 25 QK 01	SW-TC01-201005261740	<2	ND
3	L179V-1AA	XX I 25 QK 01	SW-LJ01-201005270800	<2	ND
4	L1796-1AE	XX I 25 QK 01	SW-LJ02-201005270850	<2	ND
5	L1798-1AE	XX I 25 QK 01	SW-LJ03-201005270920	<2	ND
6	L18AA-1AE	XX I 25 QK 01	EB01-20100527	<2	ND
7	L18AV-1AA	XX I 25 QK 01	TB01-20100526	<2	ND

Lot/SDG Number: **A0E280509**

Sample Control Chain of Custody - TAL North Canton
GC/MS Volatiles

Lot Number	Sample	Work Order	Analysis Type	Analysis Date	Analyst
A0E280509	1	L179K1AA	Volatile Organics, GC/MS (8260B)	06/02/10	Larry Williams
A0E280509	2	L179M1AA	Volatile Organics, GC/MS (8260B)	06/02/10	Larry Williams
A0E280509	3	L179V1AA	Volatile Organics, GC/MS (8260B)	06/02/10	Larry Williams
A0E280509	4	L17961AE	Volatile Organics, GC/MS (8260B)	06/02/10	Larry Williams
A0E280509	5	L17981AE	Volatile Organics, GC/MS (8260B)	06/03/10	Larry Williams
A0E280509	6	L18AA1AE	Volatile Organics, GC/MS (8260B)	06/03/10	Larry Williams
A0E280509	7	L18AV1AA	Volatile Organics, GC/MS (8260B)	06/03/10	Larry Williams

METALS DATA

FORMS DATA

TRW Automotive

Client Sample ID: SW-LJ01-201005270800

DISSOLVED Metals

Lot-Sample #...: A0E280509-003 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L179V1AL
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L179V1AP
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**30300**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1AT**
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1AE
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L179V1AW
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L179V1A1
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**16900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1A4**
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1A7
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**8800**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1CA**
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1CE
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-LJ01-201005270800

DISSOLVED Metals

Lot-Sample #...: A0E280509-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1AH
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**54.6**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L179V1D1**
		Dilution Factor: 1		Analysis Time..: 20:23	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1CH
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L179V1CL
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**10100**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L179V1CP**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: SW-LJ02-201005270850

DISSOLVED Metals

Lot-Sample #...: A0E280509-004 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:50 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17961AH
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17961AJ
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**29500**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17961AK**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AF
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L17961AL
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17961AA
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17961AC**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AD
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17961AQ
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AR
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-LJ02-201005270850

DISSOLVED Metals

Lot-Sample #...: A0E280509-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AG
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**56.2**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L17961A7**
		Dilution Factor: 1		Analysis Time..: 20:48	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AT
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L17961AU
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**11500**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L17961AV**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: SW-LJ03-201005270920

DISSOLVED Metals

Lot-Sample #...: A0E280509-005 **Matrix.....:** WG
Date Sampled...: 05/27/10 09:20 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17981AH
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17981AJ
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**30000**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AK**
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AF
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L17981AL
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17981AA
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**16600**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AC**
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AD
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**8860**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AQ**
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AR
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-LJ03-201005270920

DISSOLVED Metals

Lot-Sample #...: A0E280509-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AG
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**54.1**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L17981A7**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AT
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L17981AU
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**10100**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L17981AV**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: EB01-20100527

DISSOLVED Metals

Lot-Sample #...: A0E280509-006 **Matrix.....:** WQ
Date Sampled...: 05/27/10 11:30 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AH
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AJ
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AK
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AF
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AL
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AA
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AC
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AD
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AQ
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AR
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: EB01-20100527

DISSOLVED Metals

Lot-Sample #...: A0E280509-006 **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AG
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/02/10	L18AA1A7
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AT
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L18AA1AU
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L18AA1AV
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0F010000-030 **Prep Batch #...:** 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/03/10	L195W1AD
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/03/10	L195W1AE
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AF
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AA
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/03/10	L195W1AG
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AC
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AJ
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AK
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AM
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AH
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AL
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/02/10	L195W1AP
		Dilution Factor: 1				
		Analysis Time..: 18:55		Analyst ID.....: 001576	Instrument ID..: I8	
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AN
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	

MB Lot-Sample #: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AA
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AC
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-030 **Prep Batch #...:** 0152030					
Chromium	90	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AQ
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Lead	91	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AR
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Barium	89	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AT
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Boron	83	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AU
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Calcium	91	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AV
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Iron	88	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AW
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Potassium	91	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AX
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Magnesium	89	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A0
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Manganese	94	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A1
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Sodium	88	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A2
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	95	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A3
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Zinc	97	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A4
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Strontium	91	(80 - 120)	SW846 6020	06/01-06/02/10	L195W1A5
		Dilution Factor: 1	Analysis Time..: 18:59	Analyst ID.....: 001576	
		Instrument ID..: I8			

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	102	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AD
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			
Silica	98	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AE
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-030 **Prep Batch #...:** 0152030							
Chromium	200	180	ug/L	90	SW846 6010B	06/01-06/03/10	L195W1AQ
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Lead	500	456	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AR
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Barium	2000	1790	ug/L	89	SW846 6010B	06/01-06/03/10	L195W1AT
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Boron	1000	826	ug/L	83	SW846 6010B	06/01-06/03/10	L195W1AU
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Calcium	50000	45400	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AV
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Iron	1000	881	ug/L	88	SW846 6010B	06/01-06/03/10	L195W1AW
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Potassium	50000	45600	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AX
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Magnesium	50000	44700	ug/L	89	SW846 6010B	06/01-06/03/10	L195W1A0
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Manganese	500	470	ug/L	94	SW846 6010B	06/01-06/03/10	L195W1A1
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Sodium	50000	44100	ug/L	88	SW846 6010B	06/01-06/03/10	L195W1A2
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	500	474	ug/L	95	SW846 6010B	06/01-06/03/10	L195W1A3
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Zinc	500	483	ug/L	97	SW846 6010B	06/01-06/03/10	L195W1A4
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Strontium	100	91.4	ug/L	91	SW846 6020	06/01-06/02/10	L195W1A5
			Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 001576	
			Instrument ID..: I8				

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	1000	1020	ug/L	102	SW846 6010B	06/03-06/04/10	L2DVH1AD
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				
Silica	21400	20900	ug/L	98	SW846 6010B	06/03-06/04/10	L2DVH1AE
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0152030

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium	100	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AM
	97	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AN
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Boron	96	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AQ
	94	(75 - 125)	3.1	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AR
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Calcium	98	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AU
	92	(75 - 125)	3.7	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AV
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Chromium	101	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AF
	98	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AG
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Iron	99	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AX
	95	(75 - 125)	3.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A0
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Lead	102	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AJ
	99	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AK
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Magnesium	99	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A5
	94	(75 - 125)	3.4	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A6
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Manganese	105	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A8
	102	(75 - 125)	3.0	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A9
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	104	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CF
	101	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CG
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Potassium	102	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A2
	99	(75 - 125)	2.6	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A3
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Sodium	98	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CC
	95	(75 - 125)	3.2	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CD
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Strontium	101	(20 - 192)			SW846 6020	06/01-06/02/10	L179V1D2
	99	(20 - 192)	1.9	(0-20)	SW846 6020	06/01-06/02/10	L179V1D3
		Dilution Factor: 1					
		Analysis Time..: 20:38			Instrument ID..: I8	Analyst ID.....: 001576	
Zinc	103	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CJ
	100	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CK
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092

Lithium	105	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CM
	103	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CN
		Dilution Factor: 1					
		Analysis Time..: 12:26			Instrument ID..: 6500ICP	Analyst ID.....: 22952	
Silica	99	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CQ
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CR
		Dilution Factor: 1					
		Analysis Time..: 00:00			Instrument ID..: 6500ICP	Analyst ID.....: 22952	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0152030

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	ND	2000	2120	ug/L	100		SW846 6010B	06/01-06/04/10	L179V1AM
	ND	2000	2060	ug/L	97	2.9	SW846 6010B	06/01-06/04/10	L179V1AN
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Boron									
	ND	1000	964	ug/L	96		SW846 6010B	06/01-06/04/10	L179V1AQ
	ND	1000	935	ug/L	94	3.1	SW846 6010B	06/01-06/04/10	L179V1AR
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Calcium									
	30300	50000	79300	ug/L	98		SW846 6010B	06/01-06/04/10	L179V1AU
	30300	50000	76500	ug/L	92	3.7	SW846 6010B	06/01-06/04/10	L179V1AV
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Chromium									
	ND	200	201	ug/L	101		SW846 6010B	06/01-06/04/10	L179V1AF
	ND	200	195	ug/L	98	2.9	SW846 6010B	06/01-06/04/10	L179V1AG
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Iron									
	ND	1000	985	ug/L	99		SW846 6010B	06/01-06/04/10	L179V1AX
	ND	1000	948	ug/L	95	3.9	SW846 6010B	06/01-06/04/10	L179V1A0
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Lead									
	ND	500	508	ug/L	102		SW846 6010B	06/01-06/04/10	L179V1AJ
	ND	500	493	ug/L	99	2.9	SW846 6010B	06/01-06/04/10	L179V1AK
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Magnesium									
	16900	50000	66100	ug/L	99		SW846 6010B	06/01-06/04/10	L179V1A5
	16900	50000	63900	ug/L	94	3.4	SW846 6010B	06/01-06/04/10	L179V1A6
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese									
	ND	500	524	ug/L	105		SW846 6010B	06/01-06/04/10	L179V1A8
	ND	500	509	ug/L	102	3.0	SW846 6010B	06/01-06/04/10	L179V1A9
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Nickel									
	ND	500	518	ug/L	104		SW846 6010B	06/01-06/04/10	L179V1CF
	ND	500	503	ug/L	101	2.8	SW846 6010B	06/01-06/04/10	L179V1CG
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Potassium									
	ND	50000	52700	ug/L	102		SW846 6010B	06/01-06/04/10	L179V1A2
	ND	50000	51300	ug/L	99	2.6	SW846 6010B	06/01-06/04/10	L179V1A3
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Sodium									
	8800	50000	58000	ug/L	98		SW846 6010B	06/01-06/04/10	L179V1CC
	8800	50000	56100	ug/L	95	3.2	SW846 6010B	06/01-06/04/10	L179V1CD
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Strontium									
	54.6	100	156	ug/L	101		SW846 6020	06/01-06/02/10	L179V1D2
	54.6	100	153	ug/L	99	1.9	SW846 6020	06/01-06/02/10	L179V1D3
			Dilution Factor: 1						
			Analysis Time..: 20:38		Instrument ID..: I8			Analyst ID.....: 001576	
Zinc									
	ND	500	524	ug/L	103		SW846 6010B	06/01-06/04/10	L179V1CJ
	ND	500	510	ug/L	100	2.8	SW846 6010B	06/01-06/04/10	L179V1CK
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092

Lithium									
	ND	1000	1050	ug/L	105		SW846 6010B	06/03-06/04/10	L179V1CM
	ND	1000	1030	ug/L	103	1.8	SW846 6010B	06/03-06/04/10	L179V1CN
			Dilution Factor: 1						
			Analysis Time..: 12:26		Instrument ID..: 6500ICP			Analyst ID.....: 22952	

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica									
	10100	21400	31200	ug/L	99		SW846 6010B	06/03-06/04/10	L179V1CQ
	10100	21400	30700	ug/L	96	1.8	SW846 6010B	06/03-06/04/10	L179V1CR

Dilution Factor: 1
Analysis Time..: 00:00 Instrument ID..: 6500ICP Analyst ID.....: 22952

NOTE(S):

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

TestAmerica North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPST **Units:** ug/L

Chart Number: I50603A.ARC **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	ICV 06/03/10 9:01 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	493.409	1000.0	995.61	**99.6**								
Boron	249.678	1000.0	1013.79	**101.4**								
Calcium	317.933	25000.0	25015.27	**100.1**								
Chromium	267.716	1000.0	1012.45	**101.2**								
Iron	271.441	12500.0	12734.13	**101.9**								
Lead	220.353	250.0	254.34	**101.7**								
Magnesium	279.078	25000.0	24614.88	**98.5**								
Manganese	257.61	1000.0	1019.32	**101.9**								
Nickel	231.604	1000.0	1014.81	**101.5**								
Potassium	766.491	25000.0	24294.01	**97.2**								
Sodium	330.232	25000.0	24786.10	**99.1**								
Zinc	213.856	1000.0	1026.92	**102.7**								

TestAmerica North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: I80602A.csv **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	ICV 06/02/10 1:50 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Strontium	88	80.0	80.37	**100.5**								

TestAmerica North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPST **Units:** ug/L

Chart Number: I50603A.ARC **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	CCV 06/03/10 9:58 AM Found	% Rec	CCV 06/03/10 11:22 PM Found	% Rec	CCV 06/04/10 12:32 AM Found	% Rec	CCV 06/04/10 1:42 AM Found	% Rec	CCV 06/04/10 2:29 AM Found	% Rec
Barium	493.409	2000.0	2030.48	**101.5**	1982.37	**99.1**	1986.89	**99.3**	1987.30	**99.4**	1964.41	**98.2**
Boron	249.678	5000.0	5226.62	**104.5**	4584.62	**91.7**	4628.45	**92.6**	4636.04	**92.7**	4583.93	**91.7**
Calcium	317.933	50000.0	51093.90	**102.2**	50204.93	**100.4**	49930.03	**99.9**	49849.89	**99.7**	49244.74	**98.5**
Chromium	267.716	2000.0	2025.77	**101.3**	1991.59	**99.6**	1977.74	**98.9**	1973.30	**98.7**	1948.90	**97.4**
Iron	271.441	25000.0	25751.17	**103.0**	24079.71	**96.3**	23986.59	**95.9**	23842.57	**95.4**	23486.60	**93.9**
Lead	220.353	500.0	527.06	**105.4**	510.61	**102.1**	508.41	**101.7**	509.65	**101.9**	499.41	**99.9**
Magnesium	279.078	50000.0	50653.00	**101.3**	50220.69	**100.4**	49821.48	**99.6**	49659.79	**99.3**	48889.34	**97.8**
Manganese	257.61	2000.0	2071.78	**103.6**	2086.06	**104.3**	2057.26	**102.9**	2065.24	**103.3**	2027.78	**101.4**
Nickel	231.604	2000.0	1982.85	**99.1**	2101.06	**105.1**	2058.59	**102.9**	2042.12	**102.1**	2026.87	**101.3**
Potassium	766.491	50000.0	50387.41	**100.8**	50395.94	**100.8**	50583.53	**101.2**	50751.59	**101.5**	50416.80	**100.8**
Sodium	330.232	50000.0	48694.13	**97.4**	47639.58	**95.3**	47542.30	**95.1**	47594.13	**95.2**	47193.39	**94.4**
Zinc	213.856	2000.0	2021.72	**101.1**	2047.34	**102.4**	2024.09	**101.2**	2021.33	**101.1**	1999.51	**100.0**

TestAmerica North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS **Units:** ug/L

Chart Number: I80602A.csv **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	CCV 06/02/10 2:09 PM		CCV 6 06/02/10 6:36 PM		CCV 7 06/02/10 7:29 PM		CCV 8 06/02/10 8:28 PM		CCV 9 06/02/10 9:21 PM	
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Strontium	88	100.0	99.57	**99.6**	98.45	**98.5**	98.33	**98.3**	99.13	**99.1**	99.42	**99.4**

TestAmerica North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPST **Units:** ug/L

Chart Number: I50603A.ARC **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	CRI\MRL 06/03/10 9:12 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	493.409	10.0	9.88	**98.8**								
Boron	249.678	200.0	203.94	**102.0**								
Calcium	317.933	5000.0	5030.21	**100.6**								
Chromium	267.716	5.0	3.67	**73.4**								
Iron	271.441	300.0	302.95	**101.0**								
Lead	220.353	10.0	9.96	**99.6**								
Magnesium	279.078	5000.0	4873.53	**97.5**								
Manganese	257.61	15.0	15.41	**102.7**								
Nickel	231.604	25.0	23.91	**95.6**								
Potassium	766.491	5000.0	4649.25	**93.0**								
Sodium	330.232	5000.0	4681.25	**93.6**								
Zinc	213.856	40.0	41.41	**103.5**								

TestAmerica North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: I80602A.csv **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	CRI 06/02/10 1:58 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Strontium	88	10.0	9.76	**97.6**								

TestAmerica North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: I50603A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 06/03/10 9:07 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Barium	493.409	200	0.3	U								
Boron	249.678	200	**12.0**	**B**								
Calcium	317.933	5000	8.2	U								
Chromium	267.716	5	1.4	U								
Iron	271.441	100	29.6	U								
Lead	220.353	3	1.5	U								
Magnesium	279.078	5000	14.8	U								
Manganese	257.61	15	0.3	U								
Nickel	231.604	40	2.3	U								
Potassium	766.491	5000	**172.0**	**B**								
Sodium	330.232	5000	750.0	U								
Zinc	213.856	20	1.1	U								

U Result is less than the IDL
B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: I80602A.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 06/02/10 1:54 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Strontium	88	10	0.035	U								

U Result is less than the IDL

B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: I50603A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 06/03/10 10:03 AM		CCB 06/03/10 11:28 PM		CCB 06/04/10 12:38 AM		CCB 06/04/10 1:48 AM		CCB 06/04/10 2:35 AM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Barium	493.409	200	0.3	U	**0.5**	**B**	0.3	U	**0.4**	**B**	0.3	U
Boron	249.678	200	**11.6**	**B**	10.5	U	10.5	U	10.5	U	10.5	U
Calcium	317.933	5000	**10.6**	**B**	8.2	U	8.2	U	8.2	U	**9.0**	**B**
Chromium	267.716	5	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Iron	271.441	100	29.6	U	**29.9**	**B**	29.6	U	29.6	U	29.6	U
Lead	220.353	3	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Magnesium	279.078	5000	14.8	U	**15.0**	**B**	14.8	U	14.8	U	14.8	U
Manganese	257.61	15	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Nickel	231.604	40	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Potassium	766.491	5000	**169.0**	**B**	**180.0**	**B**	**150.0**	**B**	**130.0**	**B**	**181.0**	**B**
Sodium	330.232	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Zinc	213.856	20	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U

U Result is less than the IDL

B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: I80602A.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 06/02/10 2:13 PM		CCB 6 06/02/10 6:41 PM		CCB 7 06/02/10 7:33 PM		CCB 8 06/02/10 8:34 PM		CCB 9 06/02/10 9:26 PM	
			Found	**Q**	**Found**	**Q**	**Found**	**Q**	**Found**	**Q**	**Found**	**Q**
Strontium	88	10	**0.039**	**B**	**0.043**	**B**	**0.042**	**B**	**0.11**	**B**	**0.078**	**B**

U Result is less than the IDL

B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPST **Units:** ug/L

Chart Number: I50603A.ARC **Acceptable Range:** 0% - 0%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 06/03/10 9:40 AM Found	Found	Found	Found	Found
Barium	493.409	200		2				
Boron	249.678	200		1				
Calcium	317.933		500000	494000				
Chromium	267.716	5		2				
Iron	271.441		200000	196000				
Lead	220.353	3		2				
Magnesium	279.078		500000	502000				
Manganese	257.61	15		4				
Nickel	231.604	40		3				
Potassium	766.491	5000		174				
Sodium	330.232	5000		233				
Zinc	213.856	20		-6				

U Result is less than the IDL
B Result is between IDL and RL

Form 4 Equivalent

TestAmerica North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPMS **Units:** ug/L

Chart Number: I80602A.csv **Acceptable Range:** 0% - 0%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 06/02/10 2:02 PM				
				Found	Found	Found	Found	Found
Strontium	88	10		3				

U Result is less than the IDL

B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPST **Units:** ug/L

Chart Number: I50603A.ARC **Acceptable Range:** 80% - 120%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	ICSAB 06/03/10 9:46 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	493.409	500	518.9	**103.8**								
Boron	249.678	1000	1049.5	**104.9**								
Calcium	317.933	500000	492147.0	**98.4**								
Chromium	267.716	500	486.1	**97.2**								
Iron	271.441	200000	195148.6	**97.6**								
Lead	220.353	1000	982.5	**98.2**								
Magnesium	279.078	500000	501587.6	**100.3**								
Manganese	257.61	500	505.0	**101.0**								
Nickel	231.604	1000	941.8	**94.2**								
Potassium	766.491	10000	10573.3	**105.7**								
Sodium	330.232	10000	10542.5	**105.4**								
Zinc	213.856	1000	1000.5	**100.0**								

N Spike recovery failed
NC Percent recovery was not calculated
U Result is less than the IDL

Form 4 Equivalent

TestAmerica North Canton

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPMS **Units:** ug/L

Chart Number: I80602A.csv **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	ICSAB 06/02/10 2:06 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Strontium	88	100	99.6	**99.6**								

N Spike recovery failed
NC Percent recovery was not calculated
U Result is less than the IDL

TestAmerica North Canton

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: L1796FL

Original Sample ID: L1796F **Client ID:** SW-LJ02-201005270850

Matrix: Water **Units:** ug/L **Prep Date:** 06/01/10 **Prep Batch:** 0152030

Weight: NA **Volume:** NA **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Barium	493.409	100	B	100	B	0.2	1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Boron	249.678	11.9	B	52.5	U		1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Calcium	317.933	29500		29600		0.6	1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Chromium	267.716	1.4	U	7.0	U		1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Iron	271.441	46.3	B	148	U		1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Lead	220.353	1.5	U	7.5	U		1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Magnesium	279.078	16700		16600	B	0.9	1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Manganese	257.61	2.3	B	2.5	B		1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Nickel	231.604	2.3	U	11.5	U		1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Potassium	766.491	1110	B	1780	B		1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Sodium	330.232	1270	B	3750	U		1	5	ICPST	06/04/10	2:05	06/04/10	2:11
Zinc	213.856	3.3	B	5.5	U		1	5	ICPST	06/04/10	2:05	06/04/10	2:11

Comments:

5.21.0

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 9 Equivalent

TestAmerica North Canton

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: L1796FL

Original Sample ID: L1796F **Client ID:** SW-LJ02-201005270850

Matrix: Water **Units:** ug/L **Prep Date:** 06/01/10 **Prep Batch:** 0152030

Weight: NA **Volume:** NA **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Strontium	88	56.2		54.8			1	5	ICPMS	06/02/10	20:48	06/02/10	20:52

Comments:

5.04.5

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 9 Equivalent

TestAmerica North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICPST **Units:** ppb

Element	Wavelength	Reporting Limit	IDL	Date of IDL
Barium	493.409	200.0	0.29	05/17/10
Boron	249.678	200.0	10.5	05/17/10
Calcium	317.933	5000.0	8.2	05/17/10
Chromium	267.716	5.0	1.4	05/17/10
Iron	271.441	100.0	29.6	05/17/10
Lead	220.353	3.0	1.5	05/17/10
Magnesium	279.078	5000.0	14.8	05/17/10
Manganese	257.610	15.0	0.27	05/17/10
Nickel	231.604	40.0	2.3	05/17/10
Potassium	766.491	5000.0	33.6	05/17/10
Sodium	330.232	5000.0	750	05/17/10
Zinc	213.856	20.0	1.1	05/17/10

TestAmerica North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICPMS **Units:** ppb

Element	Mass	Reporting Limit	IDL	Date of IDL
Strontium	88	10.0	0.035	04/23/10

TestAmerica North Canton

Metals Data Reporting Form

Inter-Element Correction Factors

Instrument: ICPST **Date of IEC's:** 05/17/10

Interfering Element	Wavelength /Mass	Correction Factor(s)
Aluminum	308.215	Cd(0.000004), Pb(-0.00002667), Sb(-0.00000667), Se(0.00000267), Tl(-0.00002), Zn(0.000011)
Chromium	267.716	As(-0.00374), Fe(0.001539), Sb(0.01374733), Tl(0.000317)
Copper	324.753	Pb(0.00025133), Zn(0.000506)
Iron	271.441	As(0.000006), Cd(0.000062), Mn(0.000006), Mo(-0.00001), Pb(0.000036), Sb(0.00002267), Se(-0.00017333), Tl(-0.00004), V(0.000027), Zn(0.000106)
Manganese	257.61	Ag(0.000126), Al(0.000266), Mg(-0.00193), Pb(0.00005733), Se(0.00056933), Tl(-0.0006)
Molybdenum	202.03	Al(0.059666), As(-0.00163), Cr(-0.00017), Cu(0.000347), Fe(0.002719), Pb(-0.00075), Sb(-0.00678567), V(-0.00106)
Nickel	231.604	Cd(0.000027), Co(0.00022), Pb(0.000249), Sb(-0.00278), Zn(0.006316)
Titanium	334.941	Be(-0.00154)
Vanadium	292.402	Al(0.026359), Be(0.000192), Cr(0.000165), Cu(-0.0005), Fe(0.012236), Pb(-0.00014), Sb(-0.00009333), Tl(0.002686)

TestAmerica North Canton

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICPST **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Barium	493.41	25000	05/17/10
Boron	249.68	20000	05/17/10
Calcium	317.93	600000	05/17/10
Chromium	267.72	50000	05/17/10
Iron	271.44	600000	05/17/10
Lead	220.35	15000	05/17/10
Magnesium	279.08	600000	05/25/10
Manganese	257.61	25000	05/17/10
Nickel	231.60	50000	05/17/10
Potassium	766.49	600000	05/25/10
Sodium	330.23	600000	05/17/10
Zinc	213.86	10000	05/17/10

TestAmerica North Canton

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICPMS **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Strontium	88.00	10000	09/29/09

Batch Number: **0152030**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By: Lisa McGall (e-Signature)

Prep Date: 06/01/10
Due Date: 06/07/10

Lot	Work Order			ICP Weight	ICPMS Weight	Hg Weight
A0F010000 Water	L195W	B	Due Date: SDG:	50 mL	50 mL	100 mL
A0F010000 Water	L195W	C	Due Date: SDG:	50 mL	50 mL	100 mL
A0E280624 Water	L188T Total		Due Date: 06/07/10 SDG:	50 mL	50 mL	100 mL
A0E280624 Water	L188W Total		Due Date: 06/07/10 SDG:	50 mL	50 mL	100 mL
A0E280624 Water	L1880 Total		Due Date: 06/07/10 SDG:	50 mL	50 mL	100 mL
A0E280624 Water	L1883 Total		Due Date: 06/07/10 SDG:			100 mL
A0E280624 Water	L1883 Total	S	Due Date: 06/07/10 SDG:			100 mL
A0E280624 Water	L1883 Total	D	Due Date: 06/07/10 SDG:			100 mL
A0E250541 Water	L12P6 Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12QN Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12QV Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12Q0 Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12Q2 Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12Q3 Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12Q5 Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12Q6 Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12Q8 Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12RA Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12RD Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E250541 Water	L12RF Total		Due Date: 06/09/10 SDG:	50 mL	50 mL	100 mL
A0E280509 Water	L179V Dissolved		Due Date: 06/11/10 SDG:	50 mL	50 mL	
A0E280509 Water	L179V Dissolved	S	Due Date: 06/11/10 SDG:	50 mL	50 mL	

Batch Number: **0152030**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By: Lisa McGall (e-Signature)

Prep Date: 06/01/10
Due Date: 06/07/10

Lot	Work Order			ICP Weight	ICPMS Weight	Hg Weight
A0E280509 Water	L179V Dissolved	D	Due Date: 06/11/10 SDG:	50 mL	50 mL	
A0E280509 Water	L179V Total	*spike	Due Date: 06/11/10 SDG:	50 mL	50 mL	100 mL
A0E280509 Water	L179V Total	S *spike	Due Date: 06/11/10 SDG:	50 mL	50 mL	100 mL
A0E280509 Water	L179V Total	D *spike	Due Date: 06/11/10 SDG:	50 mL	50 mL	100 mL
A0E280509 Water	L1796 Dissolved		Due Date: 06/11/10 SDG:	50 mL	50 mL	
A0E280509 Water	L1798 Dissolved		Due Date: 06/11/10 SDG:	50 mL	50 mL	
A0E280509 Water	L18AA Dissolved		Due Date: 06/11/10 SDG:	50 mL	50 mL	

LEVEL 2

BLANK AND CHECK STANDARD ON BATCH	X
MS/MSD AND PDS ON BATCH	X
CORRECT SPIKES ADDED	X
SPIKING SOLUTIONS DOCUMENTED ON BATCH LOG	X

Comments:

B-BLANK; C-CHECK SAMPLE; L-CHECK SAMPLE DUPLICATE; P-SERIAL DILUTION; S-MATRIX SPIKE SAMPLE; D-MATRIX SPIKE DUPLICATE SAMPLE

Unless otherwise noted, final volumes are as follows: Soils - 100 mL. Waters - ICP and ICPMS - 50 mL, Hg - 100 mL.

Low Level Hg: final volumes are 40 mL.

ICP ELEMENTS WITHIN THE BATCH:

AG AL BA BE BX CA CD CO CR CU FE KX MG MN NA NI PB SE VX ZN

ICPMS ELEMENTS WITHIN THE BATCH:

AG AL AS BA BE CD CO CR CU MN NI PB SB SR TL ZN

Matrix Spike Information:

L179V ICP-1 ICP-2A Hg Ag ICPMS-1 ICPMS-2

Matrix Spike Information:

L1883 Hg

Check Sample Information:

L195W ICP-1 ICP-2A Hg Ag ICPMS-1 ICPMS-2

Prep Method(s): SW846 3005A, SW846 7470A

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--------------------------------------------------------------------------------
:       Instrument Upload                                   Run Log - Page  1 :
:       Started Thu Jun  3 12:54:06 2010 by MUSSELMN                          :
:       Data File: UPL$CAN_DATA_ROOT:<TJA>I50603A.ARC;1                       :
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```

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
1	STD1	1	03-JUN-2010	08:45:00			I5
2	CALSTD	1	03-JUN-2010	08:51:00			I5
3	CAL	1	03-JUN-2010	08:56:00			I5
4	ICV	1	03-JUN-2010	09:01:00			I5
5	ICB	1	03-JUN-2010	09:07:00			I5
6	CRI\MRL	1	03-JUN-2010	09:12:00			I5
7	CRIQSM	1	03-JUN-2010	09:18:00			I5
8	CRIQSM	1	03-JUN-2010	09:33:00			I5
9	ICSA	1	03-JUN-2010	09:40:00			I5
10	ICSAB	1	03-JUN-2010	09:46:00			I5
11	PB	1	03-JUN-2010	09:52:00			I5
12	CCV	1	03-JUN-2010	09:58:00			I5
13	CCB	1	03-JUN-2010	10:03:00			I5
14	L195FB	1	03-JUN-2010	10:09:00	0152021	A0F010000	I5
15	L195FC	1	03-JUN-2010	10:15:00	0152021	A0F010000	I5
16	L195FL	1	03-JUN-2010	10:21:00	0152021	A0F010000	I5
17	L150Q	1	03-JUN-2010	10:27:00	0152021	A0E270493	I5
18	L150QL	1	03-JUN-2010	10:33:00			I5
19	L150QA	1	03-JUN-2010	10:38:00	0152021	A0E270493	I5
20	CCV	1	03-JUN-2010	10:44:00			I5
21	CCB	1	03-JUN-2010	10:50:00			I5
22	CCV	1	03-JUN-2010	11:28:00			I5
23	CCB	1	03-JUN-2010	11:34:00			I5
24	L19ED	1	03-JUN-2010	11:40:00	0152026	A0E280625	I5
25	L1886	10	03-JUN-2010	11:46:00	0152023	A0E280625	I5
26	L189F	1	03-JUN-2010	11:52:00	0152023	A0E280625	I5
27	L19AP	20	03-JUN-2010	11:57:00	0152023	A0E280625	I5
28	L19CJ	20	03-JUN-2010	12:03:00	0152023	A0E280625	I5
29	L19CR	20	03-JUN-2010	12:09:00	0152023	A0E280625	I5
30	L19CX	20	03-JUN-2010	12:15:00	0152023	A0E280625	I5
31	L19C2	20	03-JUN-2010	12:21:00	0152023	A0E280625	I5
32	L19C9	20	03-JUN-2010	12:27:00	0152023	A0E280625	I5
33	L2A9LB	1	03-JUN-2010	12:32:00	0153020	A0F020000	I5
34	CCV	1	03-JUN-2010	12:38:00			I5
35	CCB	1	03-JUN-2010	12:44:00			I5
36	L2A9LC	1	03-JUN-2010	12:50:00	0153020	A0F020000	I5
37	L2AHL	1	03-JUN-2010	12:56:00	0153020	A0F010427	I5
38	L2AHLL	1	03-JUN-2010	13:02:00			I5
39	CCV	1	03-JUN-2010	13:10:00			I5
40	CCB	1	03-JUN-2010	13:16:00			I5
41	L12LHT	1	03-JUN-2010	13:25:00	0154020	A0E250521	I5
42	L12LQT	1	03-JUN-2010	13:30:00	0154020	A0E250521	I5
43	L12LVT	1	03-JUN-2010	13:36:00	0154020	A0E250521	I5
44	L12LWT	1	03-JUN-2010	13:42:00	0154020	A0E250521	I5

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:       Instrument Upload                                   Run Log - Page  2 :
:       Started Fri Jun  4 08:06:28 2010 by MUSSELMN                          :
:       Data File: UPL$CAN_DATA_ROOT:<TJA>I50603A.ARC;1                       :
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
45	L12L1T	1	03-JUN-2010	13:48:00			I5
46	L12L1TL	1	03-JUN-2010	13:54:00			I5
47	L12L1TS	5	03-JUN-2010	14:00:00			I5
48	L12L1TD	5	03-JUN-2010	14:06:00			I5
49	L12L2T	1	03-JUN-2010	14:11:00			I5
50	CCV	1	03-JUN-2010	14:17:00			I5
51	CCB	1	03-JUN-2010	14:23:00			I5
52	L2CHPBT	1	03-JUN-2010	14:38:00			I5
53	L2DQ1BT	1	03-JUN-2010	14:43:00			I5
54	L2DRGB	1	03-JUN-2010	14:49:00			I5
55	L2DRGC	1	03-JUN-2010	14:55:00			I5
56	L2DRGL	1	03-JUN-2010	15:01:00			I5
57	L2DMM	1	03-JUN-2010	15:07:00			I5
58	L2DMML	1	03-JUN-2010	15:13:00			I5
59	L2DQ1CT	1	03-JUN-2010	15:19:00			I5
60	CCV	1	03-JUN-2010	15:24:00			I5
61	CCB	1	03-JUN-2010	15:30:00			I5
62	L2AHLS	1	03-JUN-2010	15:40:00	0153020	A0F010427	I5
63	L2AHLD	1	03-JUN-2010	15:46:00	0153020	A0F010427	I5
64	L2AKGBT	1	03-JUN-2010	15:52:00	0153015	A0F010000	I5
65	L2A9CBT	1	03-JUN-2010	15:58:00	0153015	A0F020000	I5
66	L2A9CCT	1	03-JUN-2010	16:03:00	0153015	A0F020000	I5
67	L1XKTT	1	03-JUN-2010	16:09:00	0153015	A0E210611	I5
68	L1XKTTL	1	03-JUN-2010	16:15:00			I5
69	CCV	1	03-JUN-2010	16:21:00			I5
70	CCB	1	03-JUN-2010	16:27:00			I5
71	L1XKTTS	5	03-JUN-2010	16:33:00	0153015	A0E210611	I5
72	L1XKTTD	5	03-JUN-2010	16:38:00	0153015	A0E210611	I5
73	L19XNT	1	03-JUN-2010	16:44:00	0153015	A0E290451	I5
74	L2AKJBT	1	03-JUN-2010	16:50:00	0153016	A0F010000	I5
75	L2A9EBT	1	03-JUN-2010	16:56:00	0153016	A0F020000	I5
76	L2A9ECT	1	03-JUN-2010	17:02:00	0153016	A0F020000	I5
77	L13Q9T	1	03-JUN-2010	17:08:00	0153016	A0E260478	I5
78	L13Q9TL	1	03-JUN-2010	17:13:00			I5
79	L13Q9TS	5	03-JUN-2010	17:19:00	0153016	A0E260478	I5
80	L13Q9TD	5	03-JUN-2010	17:25:00	0153016	A0E260478	I5
81	CCV	1	03-JUN-2010	17:31:00			I5
82	CCB	1	03-JUN-2010	17:37:00			I5
83	L16N3T	1	03-JUN-2010	17:43:00	0153016	A0E270587	I5
84	L2A9JBT	100	03-JUN-2010	17:49:00	0153018	A0F020000	I5
85	L2A9JCT	100	03-JUN-2010	17:54:00	0153018	A0F020000	I5
86	L13Q9T	100	03-JUN-2010	18:00:00	0153016	A0E260478	I5
87	L13Q9TL	500	03-JUN-2010	18:06:00			I5
88	L13Q9TS	500	03-JUN-2010	18:12:00	0153016	A0E260478	I5

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:       Instrument Upload                                   Run Log - Page  3 :
:       Started Fri Jun  4 08:06:28 2010 by MUSSELMN                           :
:       Data File: UPL$CAN_DATA_ROOT:<TJA>I50603A.ARC;1                        :
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
89	L13Q9TD	500	03-JUN-2010	18:18:00	0153016	A0E260478	I5
90	L16N3T	100	03-JUN-2010	18:24:00	0153016	A0E270587	I5
91	L2AKLBT	1	03-JUN-2010	18:29:00	0153072	A0F010000	I5
92	L2CDEBT	1	03-JUN-2010	18:35:00	0153072	A0F020000	I5
93	CCV	1	03-JUN-2010	18:41:00			I5
94	CCB	1	03-JUN-2010	18:47:00			I5
95	L2CDECT	1	03-JUN-2010	18:53:00	0153072	A0F020000	I5
96	L13W0T	1	03-JUN-2010	18:59:00	0153072	A0E260500	I5
97	L13W0TL	1	03-JUN-2010	19:04:00			I5
98	L13W0TS	5	03-JUN-2010	19:10:00	0153072	A0E260500	I5
99	L13W0TD	5	03-JUN-2010	19:16:00	0153072	A0E260500	I5
100	L1834T	1	03-JUN-2010	19:22:00	0153072	A0E280604	I5
101	L184FT	1	03-JUN-2010	19:28:00	0153072	A0E280607	I5
102	L2A9TB	1	03-JUN-2010	19:34:00	0153023	A0F020000	I5
103	L2A9TC	1	03-JUN-2010	19:39:00	0153023	A0F020000	I5
104	L12HF	1	03-JUN-2010	19:45:00	0153023	0E25507	I5
105	CCV	1	03-JUN-2010	19:51:00			I5
106	CCB	1	03-JUN-2010	19:57:00			I5
107	L12HN	1	03-JUN-2010	20:03:00	0153023	0E25507	I5
108	L12HQ	1	03-JUN-2010	20:09:00	0153023	0E25507	I5
109	L12HX	1	03-JUN-2010	20:15:00	0153023	0E25507	I5
110	L12H8	1	03-JUN-2010	20:20:00	0153023	0E25507	I5
111	L12H9	1	03-JUN-2010	20:26:00	0153023	0E25507	I5
112	L12JE	1	03-JUN-2010	20:32:00	0153023	0E25507	I5
113	L12JEL	1	03-JUN-2010	20:38:00			I5
114	L12JES	1	03-JUN-2010	20:44:00	0153023	0E25507	I5
115	L12JED	1	03-JUN-2010	20:50:00	0153023	0E25507	I5
116	L12JM	1	03-JUN-2010	20:55:00	0153023	0E25507	I5
117	CCV	1	03-JUN-2010	21:01:00			I5
118	CCB	1	03-JUN-2010	21:07:00			I5
119	L133F	1	03-JUN-2010	21:13:00	0153023	0E25507	I5
120	L133J	1	03-JUN-2010	21:19:00	0153023	0E25507	I5
121	L133L	1	03-JUN-2010	21:25:00	0153023	0E25507	I5
122	L133N	1	03-JUN-2010	21:31:00	0153023	0E25507	I5
123	L133Q	1	03-JUN-2010	21:36:00	0153023	0E25507	I5
124	L2A9WB	1	03-JUN-2010	21:42:00	0153024	A0F020000	I5
125	L2A9WC	1	03-JUN-2010	21:48:00	0153024	A0F020000	I5
126	L15RJ	1	03-JUN-2010	21:54:00	0153024	A0E270475	I5
127	L15R1	1	03-JUN-2010	22:00:00	0153024	A0E270475	I5
128	L15R8	1	03-JUN-2010	22:06:00	0153024	A0E270475	I5
129	CCV	1	03-JUN-2010	22:11:00			I5
130	CCB	1	03-JUN-2010	22:17:00			I5
131	L15TE	1	03-JUN-2010	22:23:00	0153024	A0E270475	I5
132	L15TES	1	03-JUN-2010	22:29:00	0153024	A0E270475	I5

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:       Instrument Upload                                    Run Log - Page  4 :
:       Started Fri Jun  4 08:06:28 2010 by MUSSELMN                           :
:       Data File: UPL$CAN_DATA_ROOT:<TJA>I50603A.ARC;1                        :
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
133	L15TED	1	03-JUN-2010	22:35:00	0153024	A0E270475	I5
134	L2AJ9	1	03-JUN-2010	22:41:00	0153024	A0F010433	I5
135	L2AJ9L	1	03-JUN-2010	22:47:00			I5
136	L2A9NB	1	03-JUN-2010	22:52:00	0153021	A0F020000	I5
137	L2A9NC	1	03-JUN-2010	22:58:00	0153021	A0F020000	I5
138	L17T4	1	03-JUN-2010	23:04:00	0153021	A0E280456	I5
139	L17T4L	1	03-JUN-2010	23:10:00			I5
140	L17T4S	1	03-JUN-2010	23:16:00	0153021	A0E280456	I5
141	CCV	1	03-JUN-2010	23:22:00			I5
142	CCB	1	03-JUN-2010	23:28:00			I5
143	L17T4D	1	03-JUN-2010	23:33:00	0153021	A0E280456	I5
144	L17V2	1	03-JUN-2010	23:39:00	0153021	A0E280456	I5
145	L195WB	1	03-JUN-2010	23:45:00	0152030	A0F010000	I5
146	L195WC	1	03-JUN-2010	23:51:00	0152030	A0F010000	I5
147	L188T	1	03-JUN-2010	23:57:00	0152030	A0E280624	I5
148	L188W	1	04-JUN-2010	00:03:00	0152030	A0E280624	I5
149	L1880	1	04-JUN-2010	00:08:00	0152030	A0E280624	I5
150	L12P6	1	04-JUN-2010	00:14:00	0152030	A0E250541	I5
151	L12QN	1	04-JUN-2010	00:20:00	0152030	A0E250541	I5
152	L12QV	1	04-JUN-2010	00:26:00	0152030	A0E250541	I5
153	CCV	1	04-JUN-2010	00:32:00			I5
154	CCB	1	04-JUN-2010	00:38:00			I5
155	L12Q0	1	04-JUN-2010	00:44:00	0152030	A0E250541	I5
156	L12Q2	1	04-JUN-2010	00:49:00	0152030	A0E250541	I5
157	L12Q3	1	04-JUN-2010	00:55:00	0152030	A0E250541	I5
158	L12Q5	1	04-JUN-2010	01:01:00	0152030	A0E250541	I5
159	L12Q6	1	04-JUN-2010	01:07:00	0152030	A0E250541	I5
160	L12Q8	1	04-JUN-2010	01:13:00	0152030	A0E250541	I5
161	L12RA	1	04-JUN-2010	01:19:00	0152030	A0E250541	I5
162	L12RD	1	04-JUN-2010	01:24:00	0152030	A0E250541	I5
163	L12RF	1	04-JUN-2010	01:30:00	0152030	A0E250541	I5
164	L179V	1	04-JUN-2010	01:36:00	0152030	A0E280509	I5
165	CCV	1	04-JUN-2010	01:42:00			I5
166	CCB	1	04-JUN-2010	01:48:00			I5
167	L179VS	1	04-JUN-2010	01:54:00	0152030	A0E280509	I5
168	L179VD	1	04-JUN-2010	02:00:00	0152030	A0E280509	I5
169	L1796F	1	04-JUN-2010	02:05:00	0152030	A0E280509	I5
170	L1796FL	1	04-JUN-2010	02:11:00			I5
171	L1798F	1	04-JUN-2010	02:17:00	0152030	A0E280509	I5
172	L18AAF	1	04-JUN-2010	02:23:00	0152030	A0E280509	I5
173	CCV	1	04-JUN-2010	02:29:00			I5
174	CCB	1	04-JUN-2010	02:35:00			I5

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:       Instrument Upload                                   Run Log - Page  1 :
:       Started Thu Jun  3 08:10:40 2010 by TOTHR                             :
:       Data File: UPL$CAN_DATA_ROOT:<REP>I80602A.CSV;1                       :
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1	STD1	1	02-JUN-2010	13:35:11			I8
2	STD2	1	02-JUN-2010	13:38:57			I8
3	STD3	1	02-JUN-2010	13:42:45			I8
4	STD4	1	02-JUN-2010	13:46:47			I8
5	ICV	1	02-JUN-2010	13:50:38			I8
6	ICB	1	02-JUN-2010	13:54:33			I8
7	CRI	1	02-JUN-2010	13:58:22			I8
8	ICSA	1	02-JUN-2010	14:02:10			I8
9	ICSAB	1	02-JUN-2010	14:06:03			I8
10	CCV	1	02-JUN-2010	14:09:53			I8
11	CCB	1	02-JUN-2010	14:13:51			I8
12	L140FC	1	02-JUN-2010	14:17:38			I8
13	L10KEB	1	02-JUN-2010	14:21:32	0144027	A0E240000	I8
14	L10KEC	1	02-JUN-2010	14:25:21	0144027	A0E240000	I8
15	L1X03	1	02-JUN-2010	14:29:24	0144027	0E21507	I8
16	L1X03S	1	02-JUN-2010	14:33:19	0144027	0E21507	I8
17	L1X03D	1	02-JUN-2010	14:37:25	0144027	0E21507	I8
18	L1X06	1	02-JUN-2010	14:41:31	0144027	0E21507	I8
19	L1X07	1	02-JUN-2010	14:45:19	0144027	0E21507	I8
20	L1X08	1	02-JUN-2010	14:49:07	0144027	0E21507	I8
21	L1X09	1	02-JUN-2010	14:52:56	0144027	0E21507	I8
22	CCV	1	02-JUN-2010	14:56:48			I8
23	CCB	1	02-JUN-2010	15:00:53			I8
24	L1X1A	1	02-JUN-2010	15:04:43	0144027	0E21507	I8
25	L1X1C	1	02-JUN-2010	15:08:48	0144027	0E21507	I8
26	L1X1D	1	02-JUN-2010	15:12:37	0144027	0E21507	I8
27	L1X1G	1	02-JUN-2010	15:16:45	0144027	0E21507	I8
28	L1X1H	1	02-JUN-2010	15:20:33	0144027	0E21507	I8
29	L1X1J	1	02-JUN-2010	15:24:34	0144027	0E21507	I8
30	L1X1M	1	02-JUN-2010	15:28:25	0144027	0E21507	I8
31	L1X1N	1	02-JUN-2010	15:32:17	0144027	0E21507	I8
32	L1X1P	1	02-JUN-2010	15:36:03	0144027	0E21507	I8
33	L1X1Q	1	02-JUN-2010	15:40:07	0144027	0E21507	I8
34	CCV	1	02-JUN-2010	15:43:54			I8
35	CCB	1	02-JUN-2010	15:47:47			I8
36	L1X1R	1	02-JUN-2010	15:51:34	0144027	0E21507	I8
37	L1X1RL	1	02-JUN-2010	15:55:22			I8
38	L1X01	1	02-JUN-2010	15:59:11	0144027	0E21507	I8
39	L195MB	1	02-JUN-2010	16:03:10	0152026	A0F010000	I8
40	L195MC	1	02-JUN-2010	16:07:00	0152026	A0F010000	I8
41	L1904	1	02-JUN-2010	16:10:57	0152026	A0E290459	I8
42	L19K8	1	02-JUN-2010	16:14:43	0152026	A0E290421	I8
43	L19LA	1	02-JUN-2010	16:18:34	0152026	A0E290421	I8
44	L19LE	1	02-JUN-2010	16:22:21	0152026	A0E290421	I8

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:       Instrument Upload                                   Run Log - Page  2 :
:       Started Thu Jun  3 08:10:40 2010 by TOTHR                              :
:       Data File: UPL$CAN_DATA_ROOT:<REP>I80602A.CSV;1                        :
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
45	L19LG	1	02-JUN-2010	16:26:09	0152026	A0E290421	I8
46	CCV	1	02-JUN-2010	16:29:57			I8
47	CCB	1	02-JUN-2010	16:34:04			I8
48	L1730	1	02-JUN-2010	16:37:52	0152026	A0E280489	I8
49	L1730S	1	02-JUN-2010	16:41:37	0152026	A0E280489	I8
50	L1730D	1	02-JUN-2010	16:45:23	0152026	A0E280489	I8
51	L19L9	1	02-JUN-2010	16:49:18	0152026	A0E290424	I8
52	L19ME	1	02-JUN-2010	16:53:12	0152026	A0E290424	I8
53	L19MH	1	02-JUN-2010	16:57:01	0152026	A0E290424	I8
54	L19MHL	1	02-JUN-2010	17:00:54			I8
55	CCV	1	02-JUN-2010	17:04:42			I8
56	CCB	1	02-JUN-2010	17:08:42			I8
57	L17A1B	1	02-JUN-2010	17:12:37	0148016	A0E280000	I8
58	L17A1C	1	02-JUN-2010	17:16:22	0148016	A0E280000	I8
59	L145V	1	02-JUN-2010	17:20:30	0148016	A0E270408	I8
60	L146G	1	02-JUN-2010	17:24:17	0148016	A0E270408	I8
61	CCV	1	02-JUN-2010	17:28:05			I8
62	CCB	1	02-JUN-2010	17:33:11			I8
63	L146H	1	02-JUN-2010	17:37:05	0148016	A0E270408	I8
64	CCV	1	02-JUN-2010	17:42:27			I8
65	CCB	1	02-JUN-2010	17:47:38			I8
66	L16HE	1	02-JUN-2010	17:51:37	0148016	A0E270559	I8
67	L17AXB	1	02-JUN-2010	17:55:44	0148015	A0E280000	I8
68	L17AXC	1	02-JUN-2010	17:59:36	0148015	A0E280000	I8
69	L1360F	1	02-JUN-2010	18:04:25	0148015	0E19522	I8
70	L1360	1	02-JUN-2010	18:08:48	0148015	0E19522	I8
71	L1360S	1	02-JUN-2010	18:13:54	0148015	0E19522	I8
72	L1360D	1	02-JUN-2010	18:19:02	0148015	0E19522	I8
73	L137AF	1	02-JUN-2010	18:24:12	0148015	0E19522	I8
74	L137AFL	1	02-JUN-2010	18:28:47			I8
75	L137A	1	02-JUN-2010	18:32:36	0148015	0E19522	I8
76	CCV	1	02-JUN-2010	18:36:36			I8
77	CCB	1	02-JUN-2010	18:41:47			I8
78	L137HF	1	02-JUN-2010	18:45:48	0148015	0E19522	I8
79	L137H	1	02-JUN-2010	18:50:23	0148015	0E19522	I8
80	L195WB	1	02-JUN-2010	18:55:12	0152030	A0F010000	I8
81	L195WC	1	02-JUN-2010	18:59:19	0152030	A0F010000	I8
82	L188T	1	02-JUN-2010	19:03:42	0152030	A0E280624	I8
83	L188W	1	02-JUN-2010	19:07:46	0152030	A0E280624	I8
84	L188O	1	02-JUN-2010	19:11:41	0152030	A0E280624	I8
85	L12P6	1	02-JUN-2010	19:15:36	0152030	A0E250541	I8
86	L12QN	1	02-JUN-2010	19:20:15	0152030	A0E250541	I8
87	L12QV	1	02-JUN-2010	19:24:35	0152030	A0E250541	I8
88	CCV	1	02-JUN-2010	19:29:06			I8

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:       Instrument Upload                                   Run Log - Page  3 :
:       Started Thu Jun  3 08:10:40 2010 by TOTHR                             :
:       Data File: UPL$CAN_DATA_ROOT:<REP>I80602A.CSV;1                       :
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
89	CCB	1	02-JUN-2010	19:33:40			I8
90	L12Q0	1	02-JUN-2010	19:37:55	0152030	A0E250541	I8
91	L12Q2	1	02-JUN-2010	19:42:20	0152030	A0E250541	I8
92	L12Q3	1	02-JUN-2010	19:47:27	0152030	A0E250541	I8
93	L12Q5	1	02-JUN-2010	19:52:21	0152030	A0E250541	I8
94	L12Q6	1	02-JUN-2010	19:56:41	0152030	A0E250541	I8
95	L12Q8	1	02-JUN-2010	20:00:43	0152030	A0E250541	I8
96	L12RA	1	02-JUN-2010	20:06:45	0152030	A0E250541	I8
97	L12RD	1	02-JUN-2010	20:12:47	0152030	A0E250541	I8
98	L12RF	1	02-JUN-2010	20:17:53	0152030	A0E250541	I8
99	L179V	1	02-JUN-2010	20:23:57	0152030	A0E280509	I8
100	CCV	1	02-JUN-2010	20:28:51			I8
101	CCB	1	02-JUN-2010	20:34:03			I8
102	L179VS	1	02-JUN-2010	20:38:09	0152030	A0E280509	I8
103	L179VD	1	02-JUN-2010	20:43:04	0152030	A0E280509	I8
104	L1796F	1	02-JUN-2010	20:48:02	0152030	A0E280509	I8
105	L1796FL	1	02-JUN-2010	20:52:01			I8
106	L1798F	1	02-JUN-2010	20:55:52	0152030	A0E280509	I8
107	L18AAF	1	02-JUN-2010	20:59:52	0152030	A0E280509	I8
108	L10KGB	1	02-JUN-2010	21:03:49	0144029	A0E240000	I8
109	L10KGC	1	02-JUN-2010	21:07:41	0144029	A0E240000	I8
110	L1P78	1	02-JUN-2010	21:12:34	0144029	0E19488	I8
111	L1P78L	1	02-JUN-2010	21:17:12			I8
112	CCV	1	02-JUN-2010	21:21:42			I8
113	CCB	1	02-JUN-2010	21:26:56			I8
114	L1P8K	1	02-JUN-2010	21:31:18	0144029	0E19488	I8
115	L1P8L	1	02-JUN-2010	21:36:22	0144029	0E19488	I8
116	L1P8V	1	02-JUN-2010	21:41:05	0144029	0E19488	I8
117	L1XK0	1	02-JUN-2010	21:45:20	0144029	0E19488	I8
118	L1XK1	1	02-JUN-2010	21:50:33	0144029	0E19488	I8
119	L1XK2	1	02-JUN-2010	21:55:50	0144029	0E19488	I8
120	L1XK3	1	02-JUN-2010	22:01:52	0144029	0E19488	I8
121	L1XK4	1	02-JUN-2010	22:07:08	0144029	0E19488	I8
122	L1XK5	1	02-JUN-2010	22:12:18	0144029	0E19488	I8
123	L1XK6	1	02-JUN-2010	22:17:00	0144029	0E19488	I8
124	CCV	1	02-JUN-2010	22:23:03			I8
125	CCB	1	02-JUN-2010	22:28:14			I8
126	L1XK7	1	02-JUN-2010	22:32:04	0144029	0E19488	I8
127	L1XK8	1	02-JUN-2010	22:37:15	0144029	0E19488	I8
128	L1XK9	1	02-JUN-2010	22:42:37	0144029	0E19488	I8
129	L1XK9S	1	02-JUN-2010	22:48:36	0144029	0E19488	I8
130	L1XK9D	1	02-JUN-2010	22:54:36	0144029	0E19488	I8
131	L1XLA	1	02-JUN-2010	23:00:42	0144029	0E19488	I8
132	L1X6W	1	02-JUN-2010	23:06:20	0144029	0E19488	I8

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INSTRUMENT PRINTOUTS

CALSTD	STD 0E220	ICSA	STD 0D209	CAL1/CRI	STD —
CAL/CAL 2/S100	STD 0D161	ICSAB	STD 0E240	CAL2 (2X)- CAL3	STD —
CRI	STD 0D200	ICV	STD 0D176	SCAL (2X)- CAL 2	STD —
CCV	STD 0E228, 0E252				

Qsm CRI-STD OF266
Pb 10 ppm-STD OF265

Blank H2O ← OMR 355
OMR 364

Test America North Canton ICP Data Review Checklist

Run/Project Information:

Run Date: 6-3-10 Analyst: NJM Instrument: I5

Prep Batches Run: SEE RUN LOG

Circle Methods used: 6010B / 200.7: CORP-MT-0001 Rev 3.2
6010A/200.7: CORP-MT-0001NC, Rev 2

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions (2 exposures/sample) and at SOP specified levels ?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits ? *(ICV (2nd source):200.7=95 –105%, 6010B 90-110%) (CCV: 90 – 110%)*	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL ?	✓			✓
4. High Std. (HCAL) ~~reanalyzed before samples and recovered within QC limits ? (6010A only 95-105%)~~	✓			✓
5. CRI run at SOP or project-specific frequency? Recovered within QC limits? (6010A +/- 50%, project specific limits may vary)	✓			✓
6. ICSA/ICSAB run at required frequency and within SOP limits ?	✓			✓
B. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed ?	✓			✓
2. All reported results bracketed by in control QC ?	✓			✓
3. Sample analyses done within holding time ?	✓			✓
C. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits ?	✓			✓
2. Method blank done per prep batch and < RL ?	✓			✓
3. MS/MSD run at required frequency and within limits ?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits ?	✓			✓
5. Serial dilution done per prep batch ?	✓			✓
6. Post digest spike analyzed if required?	✓			✓
D. Other				
1. Are all nonconformances documented appropriately ?	✓			✓
2. Current IDL/MDL/LR/IEC data on file ?	✓			✓
3. Calculations checked for error ?	✓			✓
4. Transcriptions checked for error ?	✓			✓
5. All client/project specific requirements met ?	✓			✓
6. Date/time of analysis verified as correct ?	✓			✓

Level I Analyst: Natalie Musselman Date: 6-3-10 Time: 08:45-15:30
Level I Analyst: Natalie Musselman Date: 6-4-10 Time: 15:40-02:35
Level I Analyst: Date: Time:
Level I Analyst: Date: Time:

Level II Reviewer: Roger K. Joch Date: 6-4-10 Time: 08:45 → 02:35
Level II Reviewer: Date: Time:
Level II Reviewer: Date: Time:
Level II Reviewer: Date: Time:

Comments:

n: /metals/icpchk.doc Revision 3.0, 11/23/2009 rkt

Clouseau
Nonconformance Memo

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

NCM #: 01-10836
NCM Initiated By: Dorothy Leeson
Date Opened: 03/05/2004
Date Closed: 03/08/2004

Classification: Anomaly
Status: CLOSED
Production Area: Metals
Tests: None
Lot #'s (Sample #'s):
QC Batches: None

Nonconformance: Other (describe in detail)
Subcategory: Other (explanation required)

Problem Description / Root Cause

Name	Date	Description
Dorothy Leeson	03/05/2004	Stock standard solutions used for ICP ICSA solutions commonly have low level contamination for certain elements, especially zinc.

Verified contamination is not corrected by interelement correction factors (IEC's) since instrumental determination of the presence of the analyte is due not to spectral interference but due to actual presence of the element in the solution. Contamination can be verified by performing a wavelength scan of the standard solution. If contamination exists, the peak apex will be directly at the expected wavelength for the element of concern. If the presence of the analyte is due to interference from another analyte which produces a peak near the element of concern, the peak apex of the interfering analyte will not be exactly at the wavelength for the element of concern, and an IEC would be generated.

If contamination for an element such as zinc is suspected, an IEC would be inappropriate, and the concentration during analysis of the daily ICSA solution may exceed SOP criteria. In these cases, this NCM will be referenced and a copy of this NCM will be included with the run.

Zinc contamination in ICSA stock solutions has been verified in this lab at various times with wavelength scans. Similarly, contamination for other elements has been verified when suspected. An example scan is included with the 16 ICP analytical run from 4/3/01.

Corrective Action

Name	Date	Corrective Action
Dorothy Leeson	03/05/2004	

Client Notification Summary

Client	Project Manager	Notified	Response	How Notified	Note
	Response	Response Note			

Quality Assurance Verification

Verified By	Due Date	Status	Notes
LAMBERTB		Verified/completed	

Analysis Report Averages 06/04/10 07:21:08 AM page 1

Method: TOTAL Sample Name: STD1-Blank Operator:
Run Time: 06/03/10 08:45 Filename: I50603A
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	count	count	count	count	count	count
Avge	-.00153	.04899	.13159	.00529	.00059	.00252
SDev	.00224	.0003	.00383	.00029	.00007	.00007
%RSD	145.966	.6227	2.91408	5.55178	12.0486	3.03825

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	count	count	count	count	count	count
Avge	.01126	-.00616	-.00056	.00121	.00975	-.00044
SDev	.00007	.00236	.00031	.00066	.00044	.00006
%RSD	.66705	38.2992	55.5634	54.6112	4.57239	15.4513

Elems	K	Mg	Mn	Mo	Na	Ni
Units	count	count	count	count	count	count
Avge	.00787	.00175	.00059	.00012	.00108	.00064
SDev	.0013	.00031	.00028	.0001	0	.00035
%RSD	16.6377	18.1877	47.3762	84.6828	.26539	54.6188

Elems	Sn	Ti	Tl	V	Zn	2203\1
Units	count	count	count	count	count	count
Avge	.0018	-.00007	-.0622	.00009	.00596	.02003
SDev	.0006	.0001	.00996	.00028	.00036	.01206
%RSD	33.1846	141.421	16.0256	282.049	6.19004	60.1925

Elems	2203\2	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	count	count	count	count	count	count
Avge	-.0065	-.01078	.01136	.00084	-.03626	5
SDev	.00765	.00431	.00308	.00035	.0033	0
%RSD	117.68	39.9767	27.166	41.8368	9.09946	0

Elems	*Y
Units	
Avge	20195.1
SDev	53.5979
%RSD	.2654

Method: TOTAL Sample Name: CALSTD Operator:
Run Time: 06/03/10 08:51 Filename: I50603A
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	As	B	Ba	Be	Cd
Units	count	count	count	count	count	count
Avge	6.72618	5.6204	2.80958	3.41732	15.3962	32.1477
SDev	.00042	.0205	.01046	.00481	.03875	.06515
%RSD	.0063	.36488	.37257	.1409	.25168	.20266

Elems	Co	Cr	Cu	Mn	Mo	Ni
Units	count	count	count	count	count	count
Avge	5.39661	5.99848	2.78266	15.0481	1.08581	3.20946
SDev	.01113	.0122	.00349	.00252	.01098	.00185
%RSD	.20637	.20342	.12573	.01675	1.01171	.0578

Elems	Sn	Ti	Tl	V	Zn	2203\1
Units	count	count	count	count	count	count
Avge	10.109	3.23059	7.04198	4.61986	8.64146	4.64022
SDev	.01793	.00635	.0002	.01016	.00492	.01079
%RSD	.17741	.19684	.0029	.21998	.05695	.23261

Elems	2203\2	1960\1	1960\2	2068/2	2068/1	*Y
Units	count	count	count	count	count	
Avge	5.80622	2.36936	2.56588	.39632	3.75772	19769
SDev	.02286	.006	.00636	.00122	.00664	22.0612
%RSD	.39374	.2535	.24805	.31013	.17681	.11159

Method: TOTAL Sample Name: CAL 2 Operator:
Run Time: 06/03/10 08:56 Filename: I50603A
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al	Ca	Fe	K	Mg	Na
Units	count	count	count	count	count	count
Avge	8.74132	8.86999	5.00662	11.4502	10.9889	.85025
SDev	.02936	.03118	.01533	.02101	.03891	.00142
%RSD	.33592	.35157	.30622	.18352	.35415	.16785

Elems	*Y
Units	
Avge	19892.4
SDev	34.2229
%RSD	.17203

Method: TOTAL Sample Name: ICV Operator: KLC
Run Time: 06/03/10 09:01 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	490.8	12400.	250.19	1014.	995.6	1029.
SDev	.08	1.358	1.7726	2.926	.9148	1.171
%RSD	.0163	.011	.70851	.2886	.0919	.1138

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25020.	251.1	1019.	1012.	997.0	12730.
SDev	34.15	.0308	1.789	1.083	.3011	10.64
%RSD	.1365	.0123	.1756	.1069	.0302	.0835

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24290.	24610.	1019.	999.1	24790.	1015.
SDev	3.965	42.32	.4525	5.123	13.71	2.955
%RSD	.0163	.1719	.0444	.5128	.0553	.2912

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	250.17	254.34	240.17	1010.	1012.	501.00
SDev	.80196	1.1159	2.4081	2.802	1.832	2.4543
%RSD	.32056	.43876	1.0027	.2774	.181	.48988

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	996.4	1027.	248.59	257.21	250.57	249.98
SDev	1.654	1.664	2.4963	.42677	3.8605	3.1297
%RSD	.166	.1621	1.0042	.16592	1.5407	1.252

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	240.64	239.94	5.0000	20059.3
SDev	.45315	3.384	0	66.6089
%RSD	.18831	1.4104	0	.33205

Method: TOTAL Sample Name: ICB Operator: KLC
Run Time: 06/03/10 09:07 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4870	-7.925	.47992	12.02	.1816	-.0190
SDev	.147	2.289	1.7031	.1489	.0821	.018
%RSD	30.2	28.89	354.86	1.239	45.2	95.21

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.554	.0130	.1817	.1918	.9171	14.41
SDev	.8938	.0506	.0263	.2351	.1922	.6987
%RSD	35	388.5	14.49	122.6	20.96	4.849

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	172.0	.8226	.1009	3.962	60.60	.0066
SDev	6.006	1.299	.0284	1.038	78.45	.1756
%RSD	3.492	157.9	28.13	26.2	129.5	2676

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.75776	.24911	.53148	1.647	.7707	4.0002
SDev	.56667	1.0589	1.6258	2.065	.109	1.7081
%RSD	74.783	425.07	305.91	125.3	14.14	42.701

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6094	.1049	-.25839	.50249	-3.7980	.76009
SDev	.305	.0693	.66681	1.2547	3.1934	.74469
%RSD	50.05	66.09	258.06	249.69	84.079	97.973

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.1214	1.3567	5.0000	20015.3
SDev	2.2249	1.3268	0	14.8492
%RSD	198.39	97.794	0	.07418

Method: TOTAL Sample Name: CRI\MRL Operator: KLC
Run Time: 06/03/10 09:12 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.495	172.6	14.272	203.9	9.884	5.040
SDev	.2716	21.35	.50773	.9414	.1791	.0459
%RSD	4.943	12.37	3.5577	.4616	1.812	.9106

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5030.	4.860	4.431	3.668	14.52	302.9
SDev	1.495	.2933	.576	2.02	1.342	18.49
%RSD	.0297	6.035	13	55.07	9.243	6.104

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4649.	4874.	15.41	9.940	4681.	23.91
SDev	65.18	11.23	.0675	.5829	781.1	.513
%RSD	1.402	.2304	.4378	5.865	16.69	2.146

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.240	9.9598	10.779	101.3	50.69	15.866
SDev	1.4157	.86184	.63356	.132	.2179	1.6377
%RSD	7.3585	8.6533	5.878	.1303	.4299	10.322

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.392	41.41	8.9754	10.451	18.919	19.399
SDev	.752	.3371	2.0503	.26851	.50271	1.8716
%RSD	11.76	.8141	22.844	2.5692	2.6571	9.6475

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	10.060	11.137	5.0000	20027.2
SDev	3.016	.55586	0	130.391
%RSD	29.979	4.991	0	.65106

Method: TOTAL Sample Name: CRIQSM Operator: KLC
Run Time: 06/03/10 09:18 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.388	-5.048	10.529	8.673	.0633	-.0527
SDev	.9098	2.965	.37107	1.02	.0004	.0099
%RSD	16.89	58.73	3.5244	11.76	.6173	18.85

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.708	.0073	-.0400	.0234	.9639	11.17
SDev	.0684	.0284	.288	.2358	.1094	13.03
%RSD	1.199	388.1	719.6	1006	11.35	116.6

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	163.9	-1.703	-.0056	1.015	67.88	1.062
SDev	.1868	1.612	.0844	.2608	56.67	.8802
%RSD	.1139	94.66	1499	25.7	83.49	82.85

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.1631	9991.2	3.0048	.6542	.4611	3.9755
SDev	1.0941	5.1376	.33631	2.13	.3276	.3823
%RSD	50.58	.05142	11.193	325.5	71.04	9.6165

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0636	.3144	9951.4	10011.	2.1712	2.1590
SDev	.0915	.011	28.029	21.695	.41641	1.4324
%RSD	143.8	3.505	.28165	.21671	19.179	66.346

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-.59851	4.8037	5.0000	20049.9
SDev	2.2977	.64291	0	10.3249
%RSD	383.9	13.384	0	.05149

Method: TOTAL Sample Name: CRIQSM Operator: KLC
Run Time: 06/03/10 09:33 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.257	281.9	17.808	1.928	198.5	5.024
SDev	.7929	5.71	.11205	.0254	1.689	.0344
%RSD	15.08	2.026	.62925	1.319	.851	.6848

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4979.	5.125	6.814	7.421	25.69	305.8
SDev	39.3	.073	.0078	.1309	.6079	8.122
%RSD	.7894	1.425	.114	1.764	2.366	2.656

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4647.	4878.	15.47	34.49	5275.	39.26
SDev	33.75	39.38	.1691	1.083	47.69	.2249
%RSD	.7262	.8073	1.093	3.14	.9042	.5728

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.127	11.181	53.790	1.198	.3840	33.414
SDev	.02221	.62384	.57361	.5899	.0002	.36013
%RSD	.11613	5.5793	1.0664	49.24	.0491	1.0778

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.871	51.89	10.299	11.622	18.022	19.679
SDev	.3264	.5747	1.5776	.1477	.71154	.32193
%RSD	4.75	1.108	15.318	1.2709	3.9483	1.6359

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	55.755	52.809	5.0000	20036.5
SDev	.88703	.41713	0	24.4656
%RSD	1.591	.78989	0	.1221

Method: TOTAL Sample Name: ICSA Operator: KLC
Run Time: 06/03/10 09:40 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6834	486900.	2.2149	.6237	2.064	-.0445
SDev	.4962	85.34	.00241	.3417	.0077	.0309
%RSD	72.62	.0175	.10909	54.79	.3734	69.37

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	494000.	.7989	2.655	1.547	2.096	195700.
SDev	31.11	.1525	.2535	.0012	.0456	32.06
%RSD	.0063	19.09	9.549	.079	2.174	.0164

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	173.5	502400.	3.973	1.983	232.9	2.689
SDev	3.739	433.8	.015	.1354	129.3	.7752
%RSD	2.155	.0864	.3777	6.829	55.5	28.82

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.1460	1.7670	-2.3764	2.617	-5.202	2.6254
SDev	1.3884	2.6958	2.1594	.8185	.3288	.22629
%RSD	121.15	152.57	90.869	31.27	6.321	8.6193

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.640	-6.368	-74.644	39.915	9.5393	-6.4807
SDev	.7477	.2101	.47113	3.8065	7.7595	1.7923
%RSD	45.58	3.299	.63118	9.5365	81.342	27.656

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	2.0858	-4.6042	5.0000	19091.1
SDev	.58965	2.9431	0	53.3161
%RSD	28.269	63.922	0	.27927

Method: TOTAL Sample Name: ICSAB Operator: KLC
Run Time: 06/03/10 09:46 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1023.	486500.	998.59	1049.	518.9	509.6
SDev	1.254	103.7	7.0956	.3329	.0446	.8701
%RSD	.1226	.0213	.71056	.0317	.0086	.1707

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492100.	958.4	488.8	486.1	518.8	195100.
SDev	1063	2.16	1.612	.6139	.9264	403.7
%RSD	.2159	.2254	.3297	.1263	.1786	.2069

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10570.	501600.	505.0	980.5	10540.	941.8
SDev	.0815	1431	.665	5.466	75.32	1.757
%RSD	.0008	.2854	.1317	.5574	.7144	.1866

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	981.94	982.48	1012.5	994.8	1019.	979.77
SDev	2.2486	1.1867	.95319	.5256	1.47	1.3173
%RSD	.22899	.12078	.09414	.0528	.1443	.13445

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	488.8	1000.	889.59	1028.8	981.23	982.30
SDev	1.383	2.125	1.3455	1.1074	.53209	3.1055
%RSD	.283	.2124	.15125	.10763	.05422	.31615

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1003.1	1017.2	5.0000	19072.1
SDev	3.4399	.28834	0	31.8198
%RSD	.34291	.02834	0	.16683

Method: TOTAL Sample Name: PB 10 PPM Operator: KLC
Run Time: 06/03/10 09:52 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.395	3.703	-.06670	6.403	.0304	-.0240
SDev	1.014	2.122	1.1033	1.135	.0444	.003
%RSD	18.79	57.31	1654	17.73	146	12.66

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.34	.0172	-.0373	.3852	-.0090	18.07
SDev	1.027	.059	.0239	.8011	.1152	3.914
%RSD	9.933	342.3	64.01	208	1281	21.65

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	170.9	8.600	.0200	2.378	152.3	.2794
SDev	14	3.399	.0474	.1162	87	.0487
%RSD	8.192	39.53	237.1	4.888	57.11	17.43

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.29443	10069.	.44257	.3975	.3065	4.2677
SDev	.95721	77.464	.37128	.8778	.1089	1.8043
%RSD	325.11	.76936	83.892	220.8	35.54	42.277

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1309	-.1822	9999.6	10103.	.90959	-.01268
SDev	.1221	.3547	59.621	86.373	4.4057	.76446
%RSD	93.29	194.7	.59623	.85492	484.36	6024.2

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.0219	1.1737	5.0000	20154.8
SDev	2.1926	1.6513	0	92.4901
%RSD	214.57	140.69	0	.45889

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/03/10 09:58 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	997.9	25200.	520.43	5227.	2030.	2062.
SDev	.7232	4.454	2.6933	21.91	.9495	.0763
%RSD	.0725	.0177	.51751	.4192	.0468	.0037

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51090.	521.5	2038.	2026.	2007.	25750.
SDev	3.665	.5994	.5207	1.619	.2561	2.247
%RSD	.0072	.1149	.0255	.0799	.0128	.0087

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50390.	50650.	2072.	2008.	48690.	1983.
SDev	16.94	4.436	1.525	18.63	8.676	4.588
%RSD	.0336	.0088	.0736	.9278	.0178	.2314

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	516.11	527.06	498.95	5080.	5085.	1043.1
SDev	3.024	1.5843	2.7129	2.228	4.226	4.1623
%RSD	.58592	.3006	.54371	.0439	.0831	.39903

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2015.	2022.	518.04	531.55	510.00	519.16
SDev	1.487	2.902	.53533	2.108	5.2307	1.9222
%RSD	.0738	.1436	.10333	.39657	1.0256	.37026

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	496.84	500.00	5.0000	19959.4
SDev	.71014	3.7127	0	33.3749
%RSD	.14293	.74254	0	.16721

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/03/10 10:03 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2378	-2.891	1.0621	11.56	.0578	-.0187
SDev	.3941	.0563	.97134	2.556	.0865	.0048
%RSD	165.7	1.948	91.456	22.12	149.8	25.74

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.56	-.0265	.1659	-.1965	.3120	6.174
SDev	.4417	.0289	.154	.019	.3388	5.935
%RSD	4.184	109.3	92.8	9.681	108.6	96.13

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	169.2	1.131	.0528	7.944	94.60	.8030
SDev	.9629	5.201	.1315	3.661	47.7	.6205
%RSD	.569	460	249	46.09	50.42	77.28

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.4089	.89419	.08893	3.353	.6135	3.8964
SDev	2.6071	.53676	.1606	.0312	.3273	2.0144
%RSD	185.04	60.027	180.6	.9317	53.36	51.7

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1165	.3277	-.74408	1.7121	-4.7769	.27258
SDev	.5195	.0184	1.8655	1.7361	7.7518	.03859
%RSD	445.9	5.624	250.71	101.4	162.27	14.159

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.6317	.94797	5.0000	20204.8
SDev	1.0004	.74025	0	122.753
%RSD	61.311	78.089	0	.60754

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/03/10 23:22 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1025.	25160.	502.39	4585.	1982.	2054.
SDev	.6694	18.08	1.5491	22.83	3.097	2.347
%RSD	.0653	.0719	.30834	.4981	.1563	.1142

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50200.	526.3	1997.	1992.	1995.	24080.
SDev	75.94	.622	2.01	2.178	2.096	46.1
%RSD	.1513	.1182	.1007	.1094	.105	.1914

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50400.	50220.	2086.	1953.	47640.	2101.
SDev	73.57	70.14	3.165	18.55	199	2.696
%RSD	.146	.1397	.1517	.95	.4178	.1283

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	500.52	510.61	486.65	5049.	4838.	1027.6
SDev	2.0349	.7068	2.4115	10.92	9.35	6.0719
%RSD	.40656	.13842	.49552	.2164	.1933	.59087

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1937.	2047.	500.36	515.73	478.98	511.27
SDev	4.507	.8636	1.845	1.9809	8.136	7.1127
%RSD	.2327	.0422	.36874	.38408	1.6986	1.3912

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	499.81	480.08	5.0000	19675.3
SDev	2.315	4.7711	0	18.5256
%RSD	.46316	.99382	0	.09415

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/03/10 23:28 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7350	30.28	.90894	8.204	.4868	.4987
SDev	.1165	1.994	.21422	.3553	.5028	.0763
%RSD	15.85	6.585	23.569	4.33	103.3	15.29

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.044	.1193	.1978	.2372	-1.946	29.89
SDev	.6848	.1021	.1588	.1431	1.507	18.92
%RSD	16.93	85.58	80.28	60.35	77.46	63.32

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	179.6	15.02	.2244	8.751	122.9	-.1741
SDev	4.252	2.956	.1426	4.595	87.67	1.068
%RSD	2.368	19.68	63.57	52.51	71.34	613.2

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.20317	.57201	Q5.2180	5.730	1.480	6.2557
SDev	1.4231	.29495	3.1039	.4667	.8854	2.6937
%RSD	700.44	51.564	59.484	8.144	59.81	43.06

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.059	-.0520	-5.8555	3.7810	-8.2947	4.4457
SDev	.9839	.4063	6.6763	2.8909	9.7427	2.7304
%RSD	92.95	781	114.02	76.461	117.46	61.416

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.4903	8.5670	5.0000	19804.2
SDev	2.2129	5.7583	0	19.5159
%RSD	148.49	67.215	0	.09854

Method: TOTAL Sample Name: L17T4D Operator: KLC
Run Time: 06/03/10 23:33 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49.92	1946.	1928.1	910.4	2033.	50.86
SDev	.2569	2.523	2.3238	2.143	3.192	.1281
%RSD	.5145	.1296	.12052	.2354	.157	.2518

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	145100.	49.65	478.5	194.2	239.6	3545.
SDev	260.3	.1998	.7843	.2088	.0976	5.969
%RSD	.1794	.4024	.1639	.1075	.0407	.1684

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50090.	91370.	537.0	951.2	56530.	509.6
SDev	123.7	158	.7621	5.26	232.2	.2976
%RSD	.2469	.173	.1419	.553	.4107	.0584

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1903.5	485.32	469.66	1945.	927.2	1917.3
SDev	2.2757	1.097	1.3165	.5195	1.517	2.626
%RSD	.11955	.22603	.28031	.0267	.1636	.13696

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	465.5	504.2	479.77	488.09	1818.0	1946.2
SDev	1.126	1.077	2.5825	.3553	1.7214	4.2712
%RSD	.2418	.2136	.53828	.07279	.09468	.21946

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	482.68	463.16	5.0000	19638.8
SDev	4.3121	4.1266	0	12.7279
%RSD	.89337	.89097	0	.06481

Method: TOTAL Sample Name: L17V2 Operator: KLC
Run Time: 06/03/10 23:39 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.002	21.79	1.6983	196.5	358.5	.3681
SDev	.0654	1.55	.01499	.6109	.7252	.0028
%RSD	6.526	7.111	.8832	.3108	.2023	.7691

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62770.	-.1403	-.2164	1.047	-2.903	1380.
SDev	154.1	.0203	.2673	.1138	.1755	3.175
%RSD	.2455	14.44	123.5	10.87	6.045	.2301

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1412.	27020.	95.29	16.91	51990.	1.470
SDev	2.877	80.25	.2897	2.16	4.339	.185
%RSD	.2037	.297	.304	12.77	.0083	12.59

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.97835	.84776	-.29502	1.117	-.3975	1.0072
SDev	.52913	.4655	5.8784	.2916	.0018	.58472
%RSD	54.084	54.91	1992.5	26.11	.4473	58.053

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1261	2.460	.17253	1.1849	2.9619	-.01194
SDev	.3428	.0306	.60233	.99863	3.0271	.71796
%RSD	271.9	1.243	349.11	84.281	102.2	6009.7

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	.34073	-.61242	5.0000	19748.8
SDev	1.4735	8.0776	0	56.0023
%RSD	432.45	1319	0	.28357

Method: TOTAL Sample Name: L195WB Operator: KLC
Run Time: 06/03/10 23:45 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2347	.2572	1.4343	2.220	1.527	.4333
SDev	.6012	26.62	.7344	.0539	.2406	.0401
%RSD	256.2	10350	51.202	2.43	15.76	9.256

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	276.1	-.2366	-.1155	-2.848	-1.785	19.90
SDev	11.39	.5663	.5515	3.919	.9259	6.291
%RSD	4.124	239.4	477.4	137.6	51.89	31.61

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	106.6	87.24	.5591	1.568	-1374.	-.3076
SDev	111.4	2.925	.0163	1.035	1913	1.672
%RSD	104.5	3.353	2.915	65.98	139.3	543.6

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.91588	1.8138	1.1363	1.670	.3066	2.4708
SDev	1.4155	.0503	.7082	1.037	.1091	1.5107
%RSD	154.55	2.7733	62.324	62.1	35.58	61.14

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4340	3.568	-2.7093	4.0720	-.42900	-1.1590
SDev	.1231	.3124	1.4107	.7797	4.2148	.01792
%RSD	28.36	8.755	52.068	19.148	982.46	1.5466

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.1150	2.2603	5.0000	20012.9
SDev	1.7183	.20391	0	68.3076
%RSD	154.11	9.0216	0	.34131

Method: TOTAL Sample Name: L195WC Operator: KLC
Run Time: 06/03/10 23:51 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.59	1816.	1790.4	826.0	1788.	47.44
SDev	.1024	7.847	5.9772	11.51	6.823	.1046
%RSD	.2198	.4322	.33385	1.394	.3817	.2204

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45370.	46.64	447.6	180.5	225.1	881.0
SDev	95.93	.0146	.8072	.434	.7258	4.498
%RSD	.2114	.0313	.1803	.2404	.3225	.5106

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45620.	44740.	469.9	851.7	44110.	474.4
SDev	151.6	113.4	1.428	11.87	154.2	.4459
%RSD	.3323	.2535	.3038	1.394	.3495	.094

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1857.0	456.48	438.89	1807.	865.3	1803.0
SDev	5.3394	1.5272	3.1056	5.972	2.965	10.343
%RSD	.28752	.33456	.70761	.3305	.3426	.57364

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	434.1	482.7	449.80	459.82	1780.5	1895.2
SDev	1.096	.7961	4.5053	.04037	5.6247	5.197
%RSD	.2524	.1649	1.0016	.00878	.31591	.27421

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	451.07	432.81	5.0000	21079.9
SDev	5.2736	2.0233	0	21.6386
%RSD	1.1691	.46748	0	.10265

Method: TOTAL Sample Name: L188T Operator: KLC
Run Time: 06/03/10 23:57 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1858	124.1	.95169	199.2	30.39	.3535
SDev	.1482	2.583	.02907	.193	.0786	.0148
%RSD	79.75	2.081	3.0553	.0969	.2585	4.197

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	39730.	.0004	-.3521	.2847	-2.216	21.65
SDev	6.146	.2055	.0018	.2945	.1648	2.313
%RSD	.0155	48040	.5023	103.5	7.438	10.68

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3995.	1703.	5.473	5.061	39940.	-.4192
SDev	3.599	1.601	.1107	3.108	97.71	.8783
%RSD	.0901	.094	2.023	61.4	.2446	209.5

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.6298	.44385	2.1182	2.816	.2295	6.1863
SDev	.49405	.75068	.9985	.3207	0	1.5683
%RSD	30.313	169.13	47.138	11.39	0	25.351

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.540	7.740	-3.1099	2.2181	3.0083	.94164
SDev	.0064	.0928	.91305	.66962	3.7533	1.1332
%RSD	.0846	1.199	29.36	30.189	124.77	120.34

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.2128	3.7813	5.0000	21052.3
SDev	.9692	1.0131	0	53.3161
%RSD	79.914	26.793	0	.25325

Method: TOTAL Sample Name: L188W Operator: KLC
Run Time: 06/04/10 00:03 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4576	115.4	3.5305	196.1	30.03	.3611
SDev	.6164	1.577	.38821	2.231	.0762	.0148
%RSD	134.7	1.367	10.996	1.138	.2539	4.093

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	39190.	.0775	.2125	.9410	-2.780	31.73
SDev	67.7	.0964	.3961	.2853	.0774	9.277
%RSD	.1727	124.4	186.4	30.31	2.784	29.24

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3974.	1740.	4.279	2.507	39940.	.5525
SDev	2.126	2.158	.0417	.7468	164.2	.1632
%RSD	.0535	.124	.9739	29.78	.411	29.53

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.76916	.00026	.74436	.3200	.1562	6.3664
SDev	1.6523	.13179	1.1476	2.784	.1037	.73845
%RSD	214.82	48945	154.17	870.2	66.4	11.599

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.053	4.477	-1.1562	.57761	3.4305	-.55949
SDev	.1827	.3065	2.6021	1.1015	.64446	2.799
%RSD	2.591	6.847	225.07	190.7	18.787	500.27

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.2322	.50082	5.0000	21147.7
SDev	.86082	2.1503	0	55.2966
%RSD	69.862	429.35	0	.26147

Method: TOTAL Sample Name: L1880 Operator: KLC
Run Time: 06/04/10 00:08 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4153	28.91	1.0699	3.249	.3231	.3638
SDev	.7121	2.711	1.8657	.022	.0379	.0273
%RSD	171.5	9.377	174.37	.6756	11.74	7.502

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	87.38	.1492	.2307	.5884	-3.180	54.71
SDev	.5383	.0441	.2709	.2012	.2503	3.278
%RSD	.6161	29.56	117.4	34.21	7.871	5.991

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	190.6	11.62	3.193	.4989	337.7	.4289
SDev	7.744	.9358	.0564	1.349	70.1	.7476
%RSD	4.064	8.053	1.766	270.4	20.76	174.3

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.03725	-.22635	.40458	.1193	.4481	5.6447
SDev	.4207	1.2504	.72183	.1956	.3091	2.4437
%RSD	1129.4	552.43	178.42	164	68.99	43.292

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2183	1.916	-.79545	.05777	1.6226	-.75423
SDev	.1457	.0154	1.2309	1.2602	1.5305	.13335
%RSD	66.72	.8026	154.75	2181.3	94.323	17.68

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-.04889	.63098	5.0000	21256.7
SDev	1.7696	.19874	0	21.0709
%RSD	3618.9	31.497	0	.09912

Method: TOTAL Sample Name: L12P6 Operator: KLC
Run Time: 06/04/10 00:14 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2188	16650.	9.8012	57.98	244.9	1.067
SDev	.9627	120.3	.02465	1.67	1.718	.0086
%RSD	439.9	.7226	.25154	2.881	.7015	.8096

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	160000.	-.0076	8.706	45.14	25.26	22900.
SDev	1188	.0227	.0765	.2445	.2667	180.3
%RSD	.7422	297.8	.8793	.5418	1.056	.7874

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8921.	58640.	508.4	31.50	15590.	32.03
SDev	21.75	432.6	4.046	.6968	224.2	.2615
%RSD	.2438	.7378	.7959	2.212	1.438	.8162

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.54665	12.263	.12200	-1.855	356.1	5.5184
SDev	.21401	.02958	.66169	1.098	4.225	.45755
%RSD	39.15	.24128	542.35	59.21	1.187	8.2915

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28.50	81.28	7.6409	14.571	6.9844	-4.3065
SDev	.2348	.5452	1.0704	.49001	3.0966	1.8668
%RSD	.8239	.6708	14.008	3.363	44.336	43.349

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.4400	.90182	5.0000	21013.9
SDev	2.7036	.3577	0	194.173
%RSD	187.75	39.665	0	.92401

Method: TOTAL Sample Name: L12QN Operator: KLC
Run Time: 06/04/10 00:20 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1487	13280.	7.3301	44.70	138.9	.9592
SDev	.3766	13.73	.42292	1.997	.0493	.068
%RSD	253.3	.1034	5.7696	4.468	.0355	7.093

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99130.	.1353	6.652	28.72	20.39	16430.
SDev	98.09	.1728	.2738	.2322	1.742	30.79
%RSD	.099	127.7	4.116	.8084	8.544	.1874

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6922.	42250.	360.3	11.43	6893.	24.25
SDev	7.353	49.36	.2799	1.101	27.8	.2996
%RSD	.1062	.1168	.0777	9.635	.4033	1.235

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.82491	7.1833	6.0276	-1.463	281.1	9.4077
SDev	.84388	.39501	6.4295	.0001	.9321	2.06
%RSD	102.3	5.4991	106.67	.0079	.3315	21.897

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.23	49.68	.71113	10.415	2.7608	-.14155
SDev	.2805	.2529	1.5845	1.3833	.16559	1.1825
%RSD	1.262	.5092	222.81	13.282	5.9983	835.35

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	.49666	8.7889	5.0000	21223.5
SDev	.15162	9.5637	0	7.49505
%RSD	30.529	108.82	0	.03531

Method: TOTAL Sample Name: L12QV Operator: KLC
Run Time: 06/04/10 00:26 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.419	12060.	9.2397	82.52	163.8	.9703
SDev	1.843	37.21	1.7231	1.682	.6429	.0752
%RSD	129.9	.3085	18.648	2.038	.3926	7.749

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	133000.	.1701	8.063	63.05	33.71	21860.
SDev	343	.3027	1.207	1.17	2.23	32.28
%RSD	.2579	178	14.97	1.856	6.616	.1477

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11860.	61610.	588.7	25.39	13120.	33.47
SDev	45.74	175	.6797	1.537	439.8	1.412
%RSD	.3856	.284	.1155	6.053	3.352	4.217

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.99899	12.799	4.9316	-1.628	273.1	7.7207
SDev	.16424	.00263	9.2525	2.416	7.655	2.0312
%RSD	16.441	.02058	187.62	148.4	2.803	26.308

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.93	64.23	16.164	11.119	12.332	-4.6591
SDev	.12	1.812	11.233	5.6042	8.9673	4.2307
%RSD	.5233	2.821	69.495	50.403	72.715	90.805

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	3.1807	5.8057	5.0000	21132.5
SDev	7.0671	10.344	0	47.3762
%RSD	222.18	178.16	0	.22418

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/04/10 00:32 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1018.	25160.	502.73	4628.	1987.	2035.
SDev	.3834	16.84	1.3334	11.85	.0612	.5762
%RSD	.0377	.0669	.26523	.2561	.0031	.0283

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49930.	522.1	1980.	1978.	1991.	23990.
SDev	.7071	.171	.9794	.1611	1.575	25.02
%RSD	.0014	.0328	.0495	.0081	.0791	.1043

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50580.	49820.	2057.	1943.	47540.	2059.
SDev	66.47	9.093	.6185	16.86	36.19	3.071
%RSD	.1314	.0183	.0301	.8679	.0761	.1492

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	504.05	508.41	485.19	4999.	4834.	1019.0
SDev	5.9311	.42545	.87097	6.694	.8735	.40948
%RSD	1.1767	.08368	.17951	.1339	.0181	.04018

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1931.	2024.	498.88	513.17	483.58	514.27
SDev	.6521	.1019	.63604	.95535	6.0708	5.8613
%RSD	.0338	.005	.12749	.18616	1.2554	1.1397

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	495.26	480.16	5.0000	20742
SDev	.43954	1.5253	0	19.799
%RSD	.08875	.31765	0	.09545

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/04/10 00:38 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0799	18.82	.48106	4.979	.1785	.3828
SDev	.1529	5.632	1.3342	2.872	.1212	.0376
%RSD	191.2	29.93	277.34	57.68	67.91	9.816

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.079	.0109	-.1493	-.5352	-3.130	-2.076
SDev	2.093	.1053	.3042	1.113	.4626	23.45
%RSD	25.9	968.5	203.8	208	14.78	1130

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	150.4	-.4496	-.0109	6.817	-246.2	.3386
SDev	43.51	12.06	.1716	4.254	801.4	.7663
%RSD	28.92	2683	1569	62.4	325.4	226.3

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.16279	-.35393	2.6289	1.855	.9005	5.0847
SDev	1.6987	.28319	1.9626	1.78	.1066	1.9174
%RSD	1043.5	80.014	74.656	95.91	11.84	37.709

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6008	-.2552	2.7460	-1.9016	1.9211	-.71503
SDev	1.448	.4945	6.9029	3.0217	4.4562	.322
%RSD	241.1	193.7	251.38	158.91	231.96	45.034

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.5515	3.1668	5.0000	20759.4
SDev	1.072	2.4073	0	37.3358
%RSD	69.096	76.017	0	.17985

Method: TOTAL Sample Name: L12Q0 Operator: KLC
Run Time: 06/04/10 00:44 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6586	4814.	5.8301	40.76	114.8	.5605
SDev	.1391	1.209	1.4625	.0144	.0278	.0177
%RSD	21.13	.0251	25.086	.0352	.0242	3.151

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	70080.	.0924	2.520	30.44	8.863	6851.
SDev	23.3	.0191	.0006	.431	.8248	2.98
%RSD	.0333	20.7	.0222	1.416	9.306	.0435

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4687.	31860.	186.5	17.02	10470.	17.87
SDev	9.065	3.714	.1248	.2504	97.8	.2454
%RSD	.1934	.0117	.0669	1.471	.934	1.373

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.2500	3.5265	.85891	-.0590	106.0	5.8053
SDev	1.0385	.47939	.44777	.5955	.3883	2.0542
%RSD	46.156	13.594	52.132	1010	.3664	35.386

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.925	30.91	1.5548	4.5109	2.4373	-4.5902
SDev	.06	.1494	.2161	.82662	3.6171	.24882
%RSD	.7566	.4832	13.899	18.325	148.4	5.4208

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	.10491	1.2354	5.0000	21161
SDev	.0011	.67077	0	5.09061
%RSD	1.0563	54.298	0	.02405

Method: TOTAL Sample Name: L12Q2 Operator: KLC
Run Time: 06/04/10 00:49 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5591	17810.	18.186	80.84	190.7	1.175
SDev	.3169	18.32	1.0156	.4306	.1835	.0204
%RSD	56.69	.1029	5.5843	.5327	.0962	1.733

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	174500.	.1248	11.37	75.51	41.57	32140.
SDev	143.8	.1104	.1638	.2372	.5002	29.58
%RSD	.0824	88.45	1.441	.3142	1.203	.092

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8326.	67870.	745.9	14.74	13710.	40.95
SDev	26.25	14.85	.623	.5687	9.049	.3385
%RSD	.3153	.0219	.0835	3.86	.066	.8266

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.07412	28.007	.44076	-1.136	421.1	3.9446
SDev	3.1787	.90655	1.0814	.3943	.4415	1.239
%RSD	4288.5	3.2368	245.34	34.71	.1048	31.409

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.96	89.81	23.573	30.221	3.6969	-1.9568
SDev	.2919	.1175	1.4134	2.0648	3.6604	2.9382
%RSD	.8348	.1308	5.9957	6.8322	99.011	150.15

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-.55192	.93636	5.0000	21183.8
SDev	.08223	1.6623	0	66.1849
%RSD	14.9	177.53	0	.31243

Method: TOTAL Sample Name: L12Q3 Operator: KLC
Run Time: 06/04/10 00:55 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4096	8340.	8.4904	38.25	147.4	.6877
SDev	.3493	9.788	.50496	.1596	.242	.0211
%RSD	85.28	.1174	5.9475	.4174	.1642	3.065

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	76810.	.0170	4.150	22.88	10.66	8896.
SDev	186.8	.0027	.4111	.5978	.0107	29.7
%RSD	.2432	15.71	9.907	2.613	.1005	.3339

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4719.	31770.	215.1	9.693	6494.	17.46
SDev	22.25	73.71	.3945	.6539	82.49	.4404
%RSD	.4715	.232	.1834	6.746	1.27	2.523

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.32331	4.4228	.71263	.2550	174.0	5.2532
SDev	.12895	.56196	.08812	.2397	.8144	1.1172
%RSD	39.885	12.706	12.366	94	.4682	21.267

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.71	38.66	.42988	6.4163	1.5941	-.31110
SDev	.0779	.4402	.49066	1.0875	3.1718	1.7769
%RSD	.5682	1.139	114.14	16.949	198.98	571.15

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.9966	2.0652	5.0000	21060.8
SDev	.00286	.13355	0	73.5391
%RSD	.14357	6.4667	0	.34917

Method: TOTAL Sample Name: L12Q5 Operator: KLC
Run Time: 06/04/10 01:01 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2168	7338.	5.1869	48.41	132.7	.6841
SDev	.2593	5.293	.01109	.2728	.0531	.0177
%RSD	119.6	.0721	.21387	.5637	.0401	2.588

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	103800.	.1299	4.375	64.60	43.28	13560.
SDev	62.59	.1018	.0303	1.596	1.137	41.61
%RSD	.0603	78.38	.6923	2.471	2.628	.3068

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6117.	42040.	340.7	21.37	10830.	30.45
SDev	6.468	9.621	.2497	.7696	40.79	1.467
%RSD	.1057	.0229	.0733	3.601	.3766	4.817

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.42071	7.4137	1.2764	1.569	175.6	4.3490
SDev	.64579	.66234	1.0416	1.225	1.126	1.1498
%RSD	153.5	8.9341	81.603	78.06	.6411	26.439

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.64	71.84	4.4387	8.8990	2.8694	-2.0633
SDev	.2414	.0758	1.9327	.0281	5.8637	3.8957
%RSD	1.77	.1055	43.543	.31584	204.35	188.81

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-.42181	2.1242	5.0000	21061.7
SDev	5.3368	1.1028	0	27.0123
%RSD	1265.2	51.915	0	.12825

Method: TOTAL Sample Name: L12Q6 Operator: KLC
Run Time: 06/04/10 01:07 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0350	17.14	.76049	4.058	.3020	.3082
SDev	.1012	4.786	.62283	2.716	.3173	.0308
%RSD	289.2	27.92	81.899	66.94	105.1	9.991

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	244.3	.0634	-.1557	-.2880	-.7944	21.49
SDev	2.615	.1276	.3201	.1095	.9702	15.43
%RSD	1.07	201.3	205.7	38.02	122.1	71.81

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	162.3	26.64	.3076	-.3684	-313.3	-.0070
SDev	1.218	1.998	.1796	.1228	165.8	.1219
%RSD	.7508	7.499	58.41	33.32	52.92	1745

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.0514	.98114	3.1451	.8343	.3041	5.7334
SDev	1.0327	.41627	2.6738	.8049	.7252	1.0397
%RSD	98.221	42.427	85.014	96.49	238.4	18.134

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4466	4.145	-4.2311	3.5834	-5.1050	.97240
SDev	.754	.276	3.3754	2.3093	7.0424	1.9677
%RSD	168.8	6.658	79.776	64.444	137.95	202.35

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-4.2569	6.8406	5.0000	21134.2
SDev	3.8678	5.9397	0	84.2879
%RSD	90.861	86.831	0	.39882

Method: TOTAL Sample Name: L12Q8 Operator: KLC
Run Time: 06/04/10 01:13 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5554	61410.	38.802	160.5	530.4	3.557
SDev	.5255	84.64	.48357	2.042	.248	.0416
%RSD	94.61	.1378	1.2463	1.273	.0468	1.169

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H685000.	.6300	47.82	172.6	107.2	99880.
SDev	1267	.096	.3824	.8229	.2445	137.7
%RSD	.185	15.24	.7996	.4768	.2281	.1379

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19410.	249500.	3849.	10.37	9004.	147.6
SDev	20.51	343.5	2.966	.3602	69.78	1.279
%RSD	.1056	.1377	.077	3.473	.7749	.8662

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.3892	38.126	-.62788	-5.761	1364.	10.063
SDev	2.1321	.75199	1.5553	.3995	3.519	1.2696
%RSD	48.577	1.9724	247.7	6.935	.258	12.617

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	115.8	307.3	22.010	46.172	3.1587	-8.1575
SDev	.375	.4244	2.1988	2.2252	1.5504	3.9706
%RSD	.3238	.1381	9.9898	4.8194	49.084	48.675

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	.53899	-1.2105	5.0000	21175.4
SDev	3.67	4.164	0	16.1226
%RSD	680.9	344	0	.07613

Method: TOTAL Sample Name: L12RA Operator: KLC
Run Time: 06/04/10 01:19 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5338	65840.	24.267	197.1	408.8	3.822
SDev	.782	117.9	.60055	3.289	.5319	.0321
%RSD	146.5	.179	2.4748	1.668	.1301	.8386

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	447100.	.3615	44.71	270.5	313.4	104300.
SDev	155.2	.0426	.4515	.0788	.0647	116.5
%RSD	.0347	11.78	1.01	.0291	.0206	.1117

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23700.	161600.	2693.	25.41	13030.	158.3
SDev	22.21	30	2.177	1.503	115.9	.0882
%RSD	.0937	.0186	.0809	5.916	.8896	.0557

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.2362	32.158	2.3923	-5.240	1612.	3.5773
SDev	2.1231	1.2818	1.0148	2.971	3.311	.66584
%RSD	65.605	3.9859	42.42	56.69	.2054	18.613

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	133.8	377.3	15.387	40.530	1.2212	-5.4616
SDev	.5417	.5764	1.891	.97762	2.3535	2.0081
%RSD	.4048	.1528	12.289	2.4121	192.72	36.768

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.8909	4.5307	5.0000	21226.3
SDev	2.3734	2.7064	0	27.0109
%RSD	125.51	59.734	0	.12725

Method: TOTAL Sample Name: L12RD Operator: KLC
Run Time: 06/04/10 01:24 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1699	26600.	13.291	70.97	252.9	1.600
SDev	.4468	32.88	.32121	1.493	.1678	.0113
%RSD	263	.1236	2.4168	2.103	.0663	.7038

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	132100.	.1481	13.64	88.74	65.54	31490.
SDev	121.6	.0294	.1732	.2355	.0068	15.67
%RSD	.0921	19.85	1.27	.2654	.0104	.0498

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12020.	55010.	693.0	17.39	17870.	56.57
SDev	8.226	43.77	.8954	.703	147.4	.3067
%RSD	.0684	.0796	.1292	4.043	.8247	.5422

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.6433	16.942	.29737	-.1099	505.7	5.7314
SDev	2.6935	.53658	.06479	1.321	.0746	1.0992
%RSD	163.91	3.1673	21.79	1202	.0148	19.178

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.52	133.7	9.6557	20.579	3.0674	-3.9951
SDev	.2576	.0171	.28152	.66392	2.899	2.591
%RSD	.5787	.0128	2.9156	3.2262	94.508	64.855

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.6548	1.2720	5.0000	21229.2
SDev	.15875	.1764	0	40.1628
%RSD	9.5938	13.869	0	.18918

Method: TOTAL Sample Name: L12RF Operator: KLC
Run Time: 06/04/10 01:30 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8142	115100.	107.06	218.4	957.6	6.249
SDev	.46	45.9	1.3345	3.278	.7105	.0143
%RSD	56.5	.0399	1.2465	1.501	.0742	.2284

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	S4276e3	2.155	92.47	239.9	224.2	207400.
SDev	5605	.1792	.1213	.2932	.1709	339.5
%RSD	.1311	8.317	.1312	.1222	.0762	.1637

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24270.	H608900.	8166.	9.223	9570.	254.3
SDev	19.14	1174	10.56	1.353	139.1	.7938
%RSD	.0789	.1928	.1294	14.67	1.453	.3122

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-11.686	105.24	.99048	-7.142	2615.	11.201
SDev	1.0033	.20304	.06906	1.202	.6108	2.3185
%RSD	8.5848	.19294	6.9726	16.83	.0234	20.699

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	248.4	616.7	69.752	122.95	-3.1718	-15.937
SDev	1.139	.9899	4.0222	2.3125	6.1562	1.5694
%RSD	.4583	.1605	5.7664	1.8808	194.09	9.847

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.6555	2.3115	5.0000	21071.8
SDev	3.2095	1.4988	0	27.718
%RSD	193.87	64.841	0	.13154

Method: TOTAL Sample Name: L179V Operator: KLC
Run Time: 06/04/10 01:36 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2538	28.79	.74463	19.78	114.3	.3522
SDev	.6302	2.058	2.4875	.1364	.2103	.0159
%RSD	248.3	7.148	334.05	.6894	.184	4.519

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30280.	-.0244	-.0356	.7036	-2.345	29.47
SDev	21.37	.0146	.3967	.4372	.613	9.92
%RSD	.0706	59.96	1113	62.13	26.15	33.67

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1922.	16850.	.6591	1.125	8802.	-.1482
SDev	.8012	35.82	.0215	.2378	130.1	.3405
%RSD	.0417	.2126	3.265	21.14	1.478	229.8

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.1651	.57906	.06851	.1944	.0833	4.5094
SDev	.46188	.73086	.96669	.6802	.4164	2.143
%RSD	39.645	126.22	1411	350	500	47.524

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5146	8.967	-2.7759	2.2540	-2.5225	-.48738
SDev	.6741	.0901	.13832	1.1648	.03895	.71193
%RSD	131	1.005	4.9832	51.677	1.5443	146.07

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-3.6660	1.9330	5.0000	20975.6
SDev	2.0473	2.4714	0	139.158
%RSD	55.846	127.86	0	.66342

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/04/10 01:42 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1020.	25180.	501.71	4636.	1987.	2034.
SDev	1.284	8.054	.11126	.0635	.1287	.7181
%RSD	.1259	.032	.02217	.0014	.0065	.0353

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49850.	520.7	1973.	1973.	1995.	23840.
SDev	.7209	.6556	.3857	.4108	.3201	.2886
%RSD	.0014	.1259	.0196	.0208	.016	.0012

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50750.	49660.	2065.	1928.	47590.	2042.
SDev	18.24	32.12	.5605	18.93	83.87	3.281
%RSD	.0359	.0647	.0271	.9821	.1762	.1607

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.96	509.65	482.94	4962.	4827.	1021.3
SDev	.61056	.18409	1.2529	4.244	2.642	.03569
%RSD	.12067	.03612	.25942	.0855	.0547	.00349

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1926.	2021.	502.01	513.47	477.74	520.04
SDev	.6166	1.856	1.7986	1.174	1.5702	.13146
%RSD	.032	.0918	.35828	.22864	.32867	.02527

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	500.34	474.26	5.0000	20510.2
SDev	1.5729	1.0931	0	25.739
%RSD	.31437	.23047	0	.12549

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/04/10 01:48 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3213	9.554	-.03054	4.861	.4250	.4213
SDev	.7999	16.25	.24294	2.053	.4703	.0388
%RSD	249	170.1	795.37	42.24	110.7	9.217

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.361	-.0177	-.2891	-1.136	-2.018	14.50
SDev	6.74	.1717	.4555	2.643	2.139	8.829
%RSD	154.6	971.2	157.6	232.6	106	60.89

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	130.2	8.206	.2560	6.527	-604.9	-.0884
SDev	72.87	1.664	.0831	3.656	1280	.8411
%RSD	55.95	20.28	32.46	56.01	211.6	951.9

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.6828	.05435	Q11.074	4.041	1.416	8.7539
SDev	.10463	.96268	7.9036	.5739	.2037	4.9629
%RSD	6.2178	1771.1	71.373	14.2	14.39	56.694

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2946	.1676	-4.2196	2.1881	-1.2762	3.1601
SDev	.4158	.1466	5.084	3.9815	7.4078	3.8552
%RSD	141.1	87.47	120.49	181.96	580.45	122

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-2.7341	17.967	5.0000	20869.4
SDev	1.5139	11.094	0	105.5
%RSD	55.372	61.744	0	.50552

Method: TOTAL Sample Name: L179VS Operator: KLC
Run Time: 06/04/10 01:54 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.38	2046.	1999.9	964.3	2119.	52.85
SDev	.8275	1.426	2.668	3.568	1.371	.0275
%RSD	1.58	.0697	.1334	.37	.0647	.0521

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	79330.	51.73	495.9	201.1	251.6	985.4
SDev	34.47	.1127	.0145	.4268	.3243	6.292
%RSD	.0434	.2178	.0029	.2122	.1289	.6385

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52690.	66120.	524.2	952.6	57970.	517.6
SDev	29.73	53.88	.2831	6.3	23.95	1.953
%RSD	.0564	.0815	.054	.6613	.0413	.3774

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2049.1	507.86	488.68	1998.	969.6	2005.3
SDev	2.3968	1.1248	2.6505	.3956	.782	2.8136
%RSD	.11697	.22147	.54237	.0198	.0807	.14031

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	485.0	524.1	498.91	512.32	1949.9	2098.6
SDev	.4066	.0809	.30635	1.8393	3.7693	5.4754
%RSD	.0838	.0154	.0614	.35901	.1933	.2609

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	501.64	482.21	5.0000	20888.6
SDev	.50363	4.2252	0	39.598
%RSD	.10039	.87621	0	.18956

Method: TOTAL Sample Name: L179VD Operator: KLC
Run Time: 06/04/10 02:00 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51.40	2000.	1951.0	935.2	2059.	51.39
SDev	.1156	1.151	1.3306	5.004	2.833	.0261
%RSD	.2249	.0576	.06819	.535	.1376	.0508

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	76470.	50.25	481.7	195.4	245.3	947.7
SDev	93.2	.1742	.1782	.0573	.2578	6.419
%RSD	.1219	.3468	.037	.0293	.1051	.6773

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	51340.	63920.	508.6	930.9	56130.	503.4
SDev	52.2	79.56	.9226	7.762	118.3	.001
%RSD	.1017	.1245	.1814	.8338	.2107	.0002

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1990.5	493.13	475.05	1939.	941.9	1958.0
SDev	2.3438	.88463	.67698	5.161	1.701	1.984
%RSD	.11774	.17939	.1425	.2662	.1805	.10132

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	470.7	509.8	482.97	498.20	1889.9	2040.7
SDev	.9156	.0265	1.6171	2.1336	6.1535	.44168
%RSD	.1945	.0052	.33482	.42826	.32559	.02164

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	487.17	469.00	5.0000	20855.5
SDev	.28827	.87106	0	22.7683
%RSD	.05917	.18572	0	.10917

Method: TOTAL Sample Name: L1796F Operator: KLC
Run Time: 06/04/10 02:05 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1602	21.60	.82376	11.92	100.2	.3692
SDev	.4799	13.91	.93544	.2979	.2431	.0149
%RSD	299.5	64.38	113.56	2.499	.2427	4.033

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29460.	-.1119	.1051	-.6787	-2.604	46.27
SDev	22.91	.23	.2988	1.661	.5095	3.449
%RSD	.0778	205.6	284.3	244.8	19.57	7.453

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1109.	16740.	2.284	4.542	1265.	.0874
SDev	49.82	2.619	.013	2.098	616.2	.1697
%RSD	4.494	.0156	.5685	46.2	48.7	194.2

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.23158	.69935	.39841	2.732	.0087	5.4790
SDev	1.0932	.08305	.85722	.9901	.3122	.26097
%RSD	472.06	11.876	215.16	36.24	3571	4.7632

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3089	3.319	-1.2633	1.6792	.42040	.13731
SDev	.0276	.0837	1.1165	.68194	5.3525	1.0332
%RSD	8.93	2.522	88.381	40.611	1273.2	752.47

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.0015	.09730	5.0000	21004.2
SDev	1.055	1.8119	0	42.4264
%RSD	105.34	1862	0	.20199

Method: TOTAL Sample Name: L1796FL Operator: KLC
Run Time: 06/04/10 02:11 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4783	50.43	-.48470	5.849	19.99	.3585
SDev	.1102	.5409	.4333	.4815	.1397	.0306
%RSD	23.04	1.073	89.395	8.231	.6986	8.542

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5925.	-.0236	-.1793	.3845	-3.752	16.10
SDev	26.26	.0873	.2526	.0616	.4388	3.646
%RSD	.4433	370.6	140.9	16.03	11.7	22.64

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	355.2	3319.	.5074	1.391	457.9	.3828
SDev	7.727	14.31	.0236	.3816	19.98	1.339
%RSD	2.175	.4311	4.661	27.45	4.364	349.9

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.79152	.61757	.62110	1.115	-.0668	3.0239
SDev	1.3917	.32833	.40368	.7815	.419	1.0461
%RSD	175.82	53.166	64.995	70.09	627.3	34.593

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0442	.2281	-.59148	1.2212	1.8380	.26904
SDev	.2326	.1812	.47749	.25387	5.9105	.86434
%RSD	525.9	79.45	80.729	20.789	321.57	321.26

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.1923	.33594	5.0000	20967.6
SDev	.78288	.21436	0	101.54
%RSD	65.663	63.81	0	.48427

Method: TOTAL Sample Name: L1798F Operator: KLC
Run Time: 06/04/10 02:17 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2069	27.22	1.1932	21.00	113.0	.3523
SDev	.9392	2.963	1.7167	1.062	.1842	.0143
%RSD	454	10.89	143.86	5.056	.163	4.061

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29950.	.0355	-.1057	.9296	-2.069	15.31
SDev	57.49	.0389	.4985	.665	.0882	10.66
%RSD	.192	109.6	471.6	71.53	4.264	69.65

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1914.	16550.	.3457	.5918	8857.	.5539
SDev	12.86	21.87	.1408	.4907	409.1	1.416
%RSD	.6716	.1321	40.74	82.91	4.62	255.7

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.3684	.41571	1.9276	2.333	-.1379	6.0285
SDev	.0154	.06943	.44541	3.436	.3125	.29271
%RSD	1.1254	16.704	23.107	147.3	226.6	4.8556

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5689	7.661	-4.4014	2.8207	-4.6687	.27923
SDev	.8679	.2483	.30925	.05028	1.3101	.63099
%RSD	152.6	3.241	7.0261	1.7828	28.062	225.97

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-1.9926	3.8847	5.0000	21092.5
SDev	2.0188	1.6757	0	70.5698
%RSD	101.32	43.135	0	.33457

Method: TOTAL Sample Name: L18AAF Operator: KLC
Run Time: 06/04/10 02:23 Filename: I50603A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2600	31.33	.39306	2.916	-.0019	.3838
SDev	.1193	.1081	.26951	.4458	.0382	.0419
%RSD	45.9	.345	68.568	15.28	2009	10.91

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.68	-.0461	.2994	.3779	-2.991	11.31
SDev	.9681	.0613	.0742	.2924	.5002	.9957
%RSD	6.596	133	24.8	77.38	16.72	8.805

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	184.3	1.906	.2515	1.204	-17.95	.4387
SDev	4.163	2.109	.0095	.1211	34.53	.587
%RSD	2.26	110.7	3.788	10.06	192.3	133.8

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.3404	-.10158	-.36699	1.354	.2295	3.4149
SDev	1.1861	.23602	1.2338	.2701	0	1.8469
%RSD	88.489	232.35	336.2	19.94	0	54.083

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0791	3.384	.25718	-.28070	-1.2142	-1.4033
SDev	.1161	.1823	1.14	.21526	3.3951	.08321
%RSD	146.8	5.387	443.25	76.689	279.61	5.93

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-.07785	-.51134	5.0000	21090
SDev	1.6791	1.0115	0	31.3958
%RSD	2156.7	197.82	0	.14886

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/04/10 02:29 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1009.	24930.	494.65	4584.	1964.	2009.
SDev	.9803	14.71	.3687	3.754	1.155	.7756
%RSD	.0972	.059	.07453	.0819	.0588	.0386

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49240.	513.6	1947.	1949.	1973.	23490.
SDev	43.3	.5991	.1065	1.898	1.173	25.84
%RSD	.0879	.1166	.0055	.0974	.0594	.11

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50420.	48890.	2028.	1909.	47190.	2027.
SDev	41.79	39.96	1.751	18.46	331.4	4.762
%RSD	.0829	.0817	.0863	.9671	.7022	.235

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	494.17	499.41	474.54	4911.	4767.	1011.2
SDev	3.0074	3.4872	1.0409	2.767	3.651	4.13
%RSD	.60858	.69825	.21934	.0563	.0766	.40843

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1902.	2000.	486.98	505.62	468.50	506.99
SDev	1.501	.0655	2.1777	4.141	4.1941	6.6028
%RSD	.0789	.0033	.44718	.81898	.89522	1.3024

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	488.83	467.41	5.0000	20776.5
SDev	2.9999	3.0582	0	98.571
%RSD	.61369	.65429	0	.47443

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/04/10 02:35 Filename: I50603A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2953	24.43	.75584	4.975	.1190	.4656
SDev	.6748	4.887	.85989	1.959	.1241	.0247
%RSD	228.5	20	113.77	39.38	104.3	5.306

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.031	-.0371	.0138	.3137	-3.660	5.889
SDev	.4422	.0598	.1234	.3695	.0129	8.118
%RSD	4.896	161.3	893.8	117.8	.3527	137.9

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	181.1	-.2767	.1166	7.512	97.00	.2113
SDev	20.1	2.565	.1549	4.548	298	.755
%RSD	11.1	927	132.9	60.54	307.2	357.3

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.48283	.02645	-1.7116	3.627	1.047	1.5386
SDev	1.996	.57333	.39068	1.644	.3199	.60178
%RSD	413.38	2167.2	22.826	45.32	30.55	39.113

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1313	.3829	1.2222	-.57053	-2.2335	1.8390
SDev	.6514	.0072	.77683	1.2474	.3166	2.8344
%RSD	496.1	1.883	63.559	218.64	14.176	154.13

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	.09125	-2.6117	5.0000	20845.5
SDev	.18469	.49352	0	126.289
%RSD	202.4	18.897	0	.60583

STD2/CCV STD OE258 ICSA STD OD169 CRI STD OE261
STD3 STD OE259 ICSAB STD OD170
STD4 STD OE260 ICV STD OD167 Dilution H_2O OMR344

Test America North Canton ICP/MS Data Review Checklist

Run/Project Information:

Run Date: 6-2-10 Analyst: RG Instrument: I8
Prep Batches Run: See Run Log

Circle Methods used: 6020/ 200.8: CORP-MT-0001NC

Review Items

A. Tune/Daily performance	Yes	No	N/A	2nd Level
1. Resolution <= 0.9 AMU full width at 10% peak height, and within +/- 0.1 AMU of true mass?	✓			✓
2. Performance check within recommended specfications? (Be>8000cps) (In >300,000 cps) (Pb >100,000 cps) (Co>100000cps) (Mg>10000cps) (CeO/Ce ≤ 0.03) (Ba++/Ba+ ≤ 0.03)(Background < 30cps @ Mass 220) CCT Performance Check (In>75000cps) (Se<20 cps)	✓			✓
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels ? Correlation coefficient ≥ .995 ?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits? *(ICV: = 90 – 110%) (CCV: 90 – 110%, 200.8 = 85 -115%)*	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRI run and recovered within QC limits (+/-50%)?				✓
5. ICSA/ICSAB run at required frequency and within SOP control limits?	✓			✓
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed ?	✓			✓
2. All reported results bracketed by in control QC ?	✓			✓
3. Sample analyses done within holding time ?	✓			✓
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits ?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits ?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits ?	✓			✓
5. Serial dilution done per prep batch?	✓			✓
6. Post digest spike analyzed if required?			✓	
E. Other				
1. Are all nonconformances documented appropriately ?			✓	
2. Current IDL/LR data on file ?	✓			✓
3. Calculations checked for error ?	✓			✓
4. Transcriptions checked for error ?	✓			✓
5. All client/project specific requirements met ?	✓			✓
6. Date/time of analysis verified as correct ?	✓			✓

Level I Analyst: Roger K. Toth Date: 6-3-10 Time: 13:35 → 23:33
Level I Analyst: Date: Time: ~~13:35 – 23:33~~ RGM 6-4-10
Level II Reviewer: Natalie J. Musselman 6-3-10 Time: 13:35 - 23:33
Level II Reviewer: Date: Time:

Comments: Sc used as internal std for Be and B

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA NORTH CANTON_MULTIMODE.tet
Created By User	martin.nash
Analyte Database	TA NORTH CANTON MULTIMODE.tea
Creation Timestamp	10/10/2007 09:08:48
Last Edited By	Upload
Last Edit Timestamp	6/2/2010 13:31:39
Instrument Detector	Simultaneous
Database Version	3,51
Acquisition Mode	Unknown

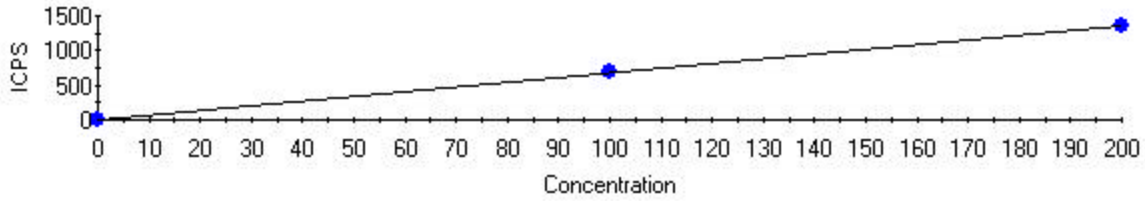
Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.
Underlining indicates that a data warning flag is set.

Column headings	Result cells	Data warning flags
No flag	Internal Standard	I - Invalid calibration
Semi Quant	Excluded	T - Tripped
Standard Addition	QC Warning	F - Interference correction failed
Multi Element	QC Failure	M - Result over max
	Transient TRA only:	V - Valley integration failed
	Peak Not Found	D - Different method used
	Manually Edited	
	Merged Peak	

Fully Quant Calibration

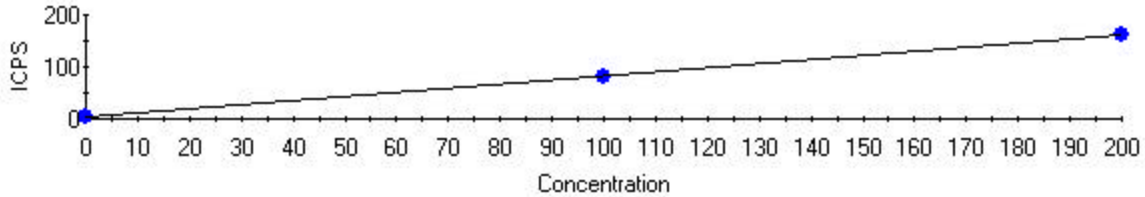
9Be FQ Block 1



Intercept CPS=1.096892 Intercept Conc=0.162303
Sensitivity=6.758300 Correlation Coeff=0.999907

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	1.10	0.00
STD2	100.000	101.883	1.883	689.65	1.88
STD3	200.000	199.059	0.941	1346.39	0.47

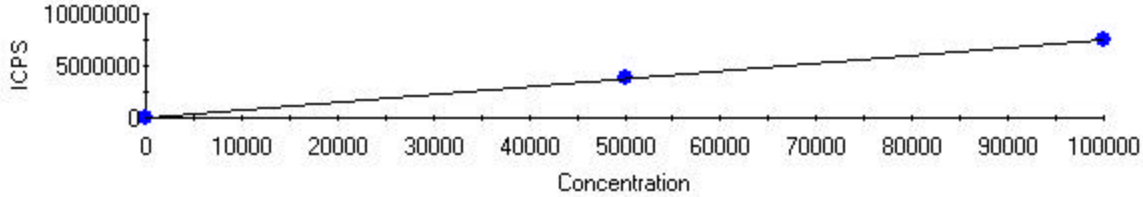
10B FQ Block 1



Intercept CPS=2.222412 Intercept Conc=2.793104
Sensitivity=0.795678 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	2.22	0.00
STD2	100.000	99.909	0.091	81.72	0.09
STD4	200.000	200.045	0.045	161.39	0.02

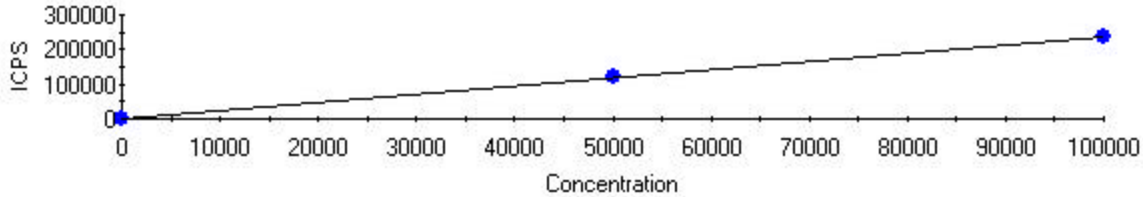
23Na FQ Block 1



Intercept CPS=674.465511 Intercept Conc=8.955925
Sensitivity=75.309420 Correlation Coeff=0.999889

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	674.47	0.00
STD2	50000.000	51028.552	1028.552	3843605.16	2.06
STD3	100000.000	99485.724	514.276	7492886.62	0.51

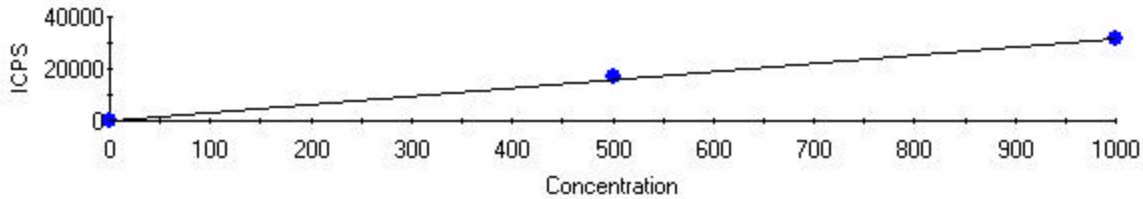
25Mg FQ Block 1



Intercept CPS=3.333367 Intercept Conc=1.406143
Sensitivity=2.370576 Correlation Coeff=0.999991

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	3.33	0.00
STD2	50000.000	50293.250	293.250	119227.28	0.59
STD3	100000.000	99853.375	146.625	236713.30	0.15

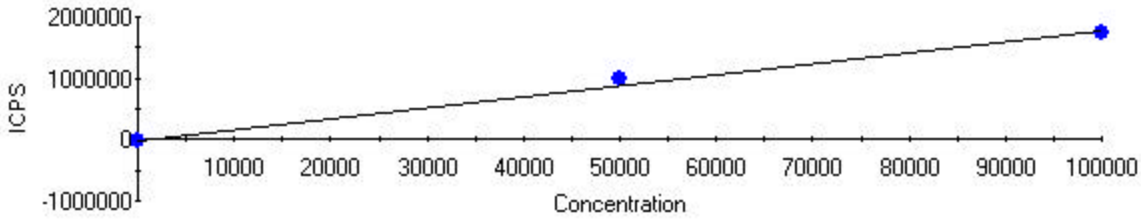
27Al FQ Block 1



Intercept CPS=228.854785 Intercept Conc=7.248056
Sensitivity=31.574643 Correlation Coeff=0.999582

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	228.85	0.00
STD2	500.000	519.831	19.831	16642.32	3.97
STD3	1000.000	990.085	9.915	31490.43	0.99

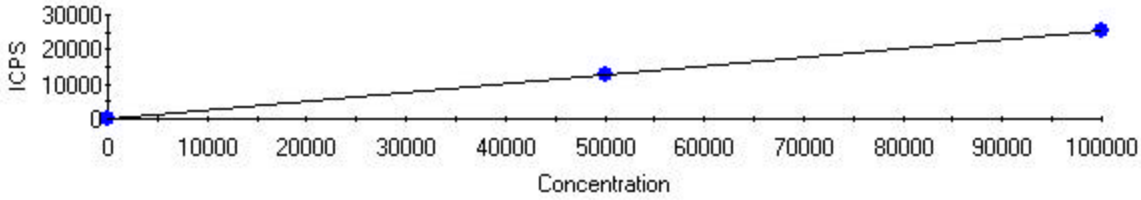
39K FQ Block 1



Intercept CPS=-22464.640820 Intercept Conc=-1243.355430
Sensitivity=18.067755 Correlation Coeff=0.996904

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	-22464.64	0.00
STD2	50000.000	55319.494	5319.494	977034.41	10.64
STD3	100000.000	97340.253	2659.747	1736255.16	2.66

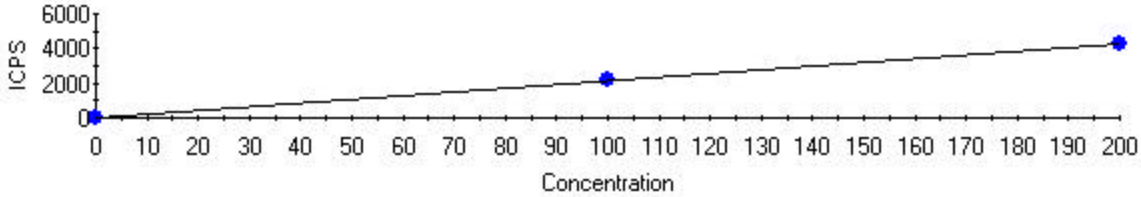
43Ca FQ Block 1



Intercept CPS=4.227073 Intercept Conc=16.557857
Sensitivity=0.255291 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	4.23	0.00
STD2	50000.000	50303.944	303.944	12846.37	0.61
STD3	100000.000	99848.028	151.972	25494.54	0.15

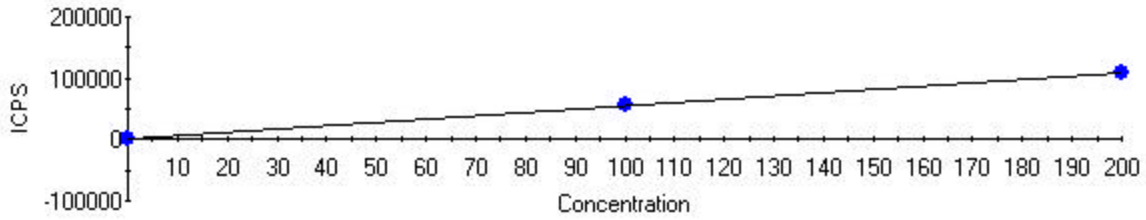
47Ti FQ Block 1



Intercept CPS=1.107069 Intercept Conc=0.051816
Sensitivity=21.365503 Correlation Coeff=0.999970

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	1.11	0.00
STD2	100.000	101.069	1.069	2160.51	1.07
STD4	200.000	199.465	0.535	4262.78	0.27

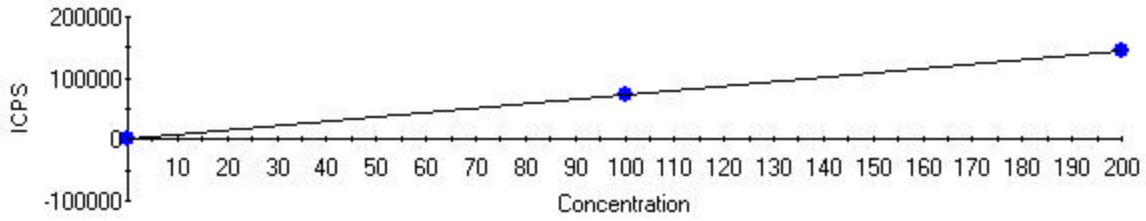
51V FQ Block 1



Intercept CPS=-138.614962 Intercept Conc=-0.252154
Sensitivity=549.723573 Correlation Coeff=0.999974

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	-138.61	0.00
STD2	100.000	100.989	0.989	55377.68	0.99
STD3	200.000	199.505	0.495	109534.13	0.25

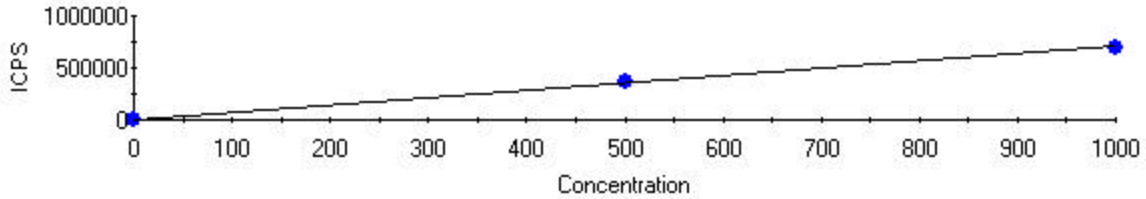
52Cr FQ Block 1



Intercept CPS=-472.100760 Intercept Conc=-0.644839
Sensitivity=732.121892 Correlation Coeff=0.999982

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	-472.10	0.00
STD2	100.000	100.834	0.834	73350.68	0.83
STD3	200.000	199.583	0.417	145646.98	0.21

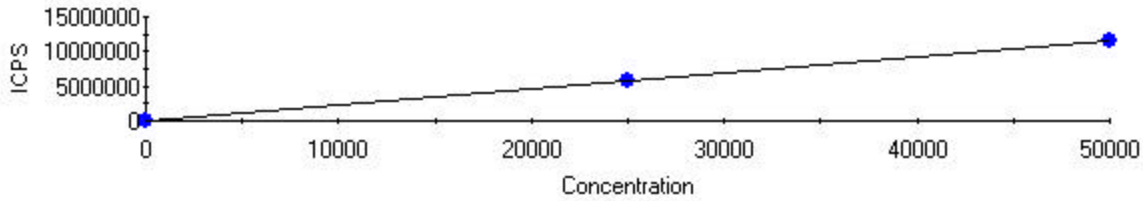
55Mn FQ Block 1



Intercept CPS=39.953525 Intercept Conc=0.056739
Sensitivity=704.161379 Correlation Coeff=0.999876

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	39.95	0.00
STD2	500.000	510.839	10.839	359752.97	2.17
STD3	1000.000	994.581	5.419	700385.17	0.54

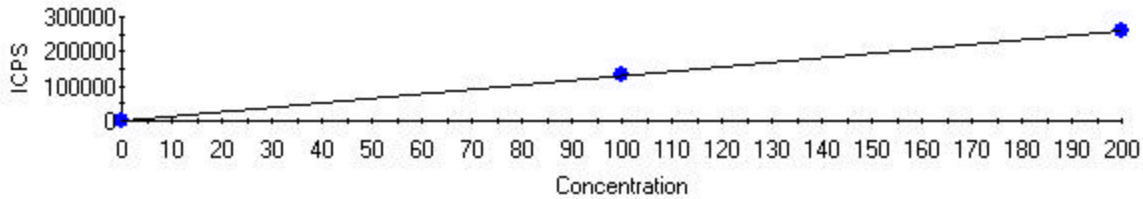
56Fe FQ Block 1



Intercept CPS=802.171193 Intercept Conc=3.499490
Sensitivity=229.225160 Correlation Coeff=0.999944

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	802.17	0.00
STD2	25000.000	25365.793	365.793	5815280.23	1.46
STD3	50000.000	49817.103	182.897	11420135.66	0.37

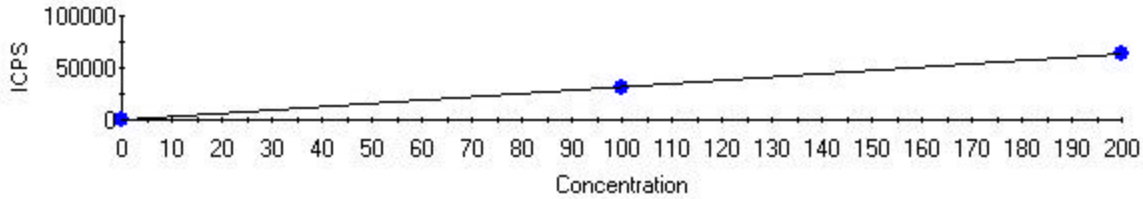
59Co FQ Block 1



Intercept CPS=23.325619 Intercept Conc=0.017999
Sensitivity=1295.921200 Correlation Coeff=0.999924

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	23.33	0.00
STD2	100.000	101.696	1.696	131813.94	1.70
STD3	200.000	199.152	0.848	258108.32	0.42

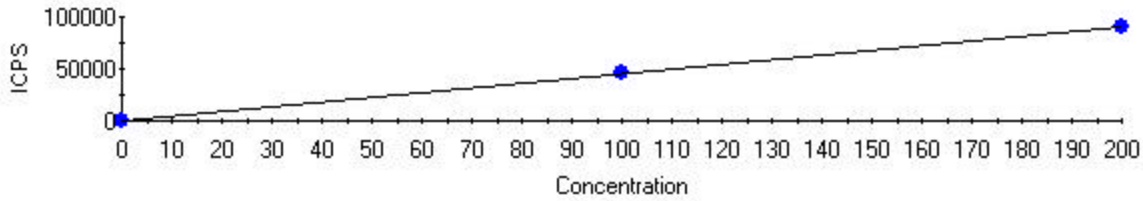
60Ni FQ Block 1



Intercept CPS=57.772224 Intercept Conc=0.184435
Sensitivity=313.238371 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	57.77	0.00
STD2	100.000	100.633	0.633	31579.91	0.63
STD3	200.000	199.683	0.317	62606.30	0.16

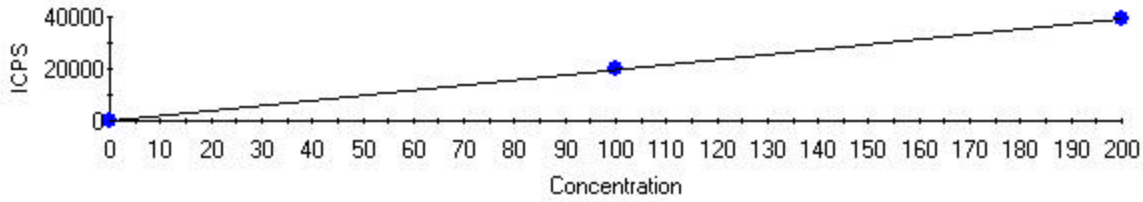
65Cu FQ Block 1



Intercept CPS=22.220396 Intercept Conc=0.049258
Sensitivity=451.099579 Correlation Coeff=0.999819

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	22.22	0.00
STD2	100.000	102.620	2.620	46313.95	2.62
STD3	200.000	198.690	1.310	89651.25	0.65

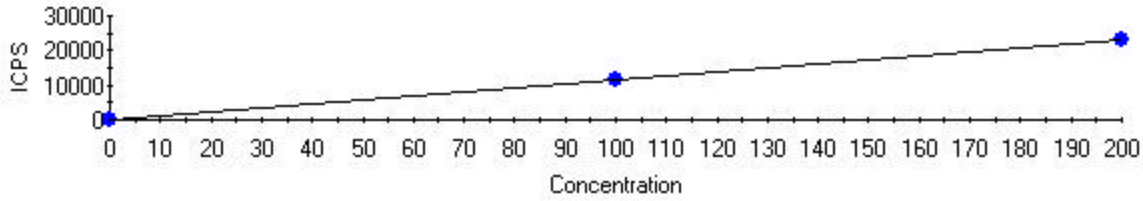
66Zn FQ Block 1



Intercept CPS=197.767255 Intercept Conc=1.011460
Sensitivity=195.526493 Correlation Coeff=0.999769

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	197.77	0.00
STD2	100.000	102.957	2.957	20328.65	2.96
STD3	200.000	198.521	1.479	39013.95	0.74

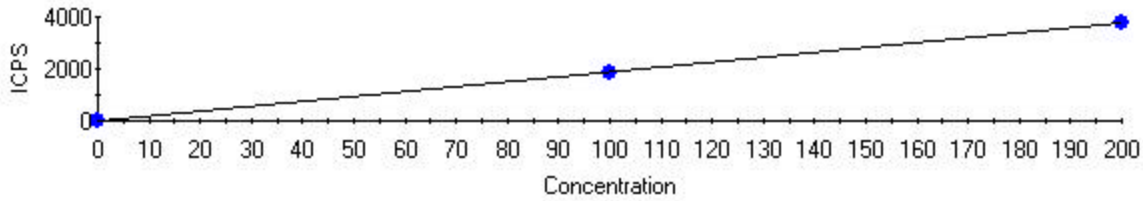
75As FQ Block 1



Intercept CPS=167.780572 Intercept Conc=1.459564
Sensitivity=114.952542 Correlation Coeff=0.999990

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	167.78	0.00
STD2	100.000	100.611	0.611	11733.31	0.61
STD3	200.000	199.694	0.306	23123.15	0.15

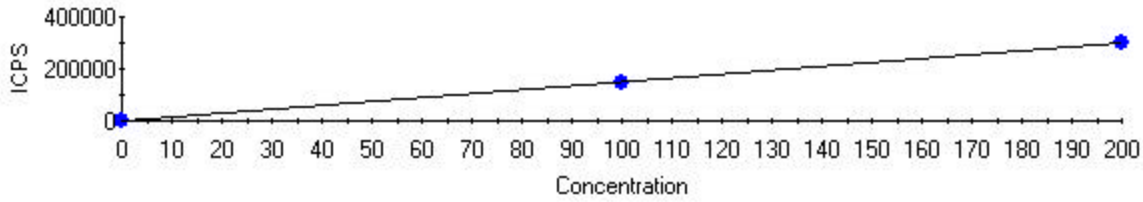
78Se FQ Block 1



Intercept CPS=8.130238 Intercept Conc=0.435030
Sensitivity=18.688914 Correlation Coeff=0.999988

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	8.13	0.00
STD2	100.000	99.312	0.688	1864.16	0.69
STD3	200.000	200.344	0.344	3752.34	0.17

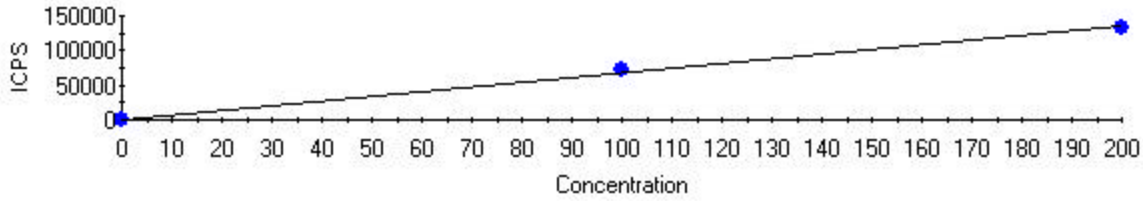
88Sr FQ Block 1



Intercept CPS=113.340747 Intercept Conc=0.076275
Sensitivity=1485.940232 Correlation Coeff=0.999980

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	113.34	0.00
STD2	100.000	99.132	0.868	147418.30	0.87
STD3	200.000	200.434	0.434	297945.92	0.22

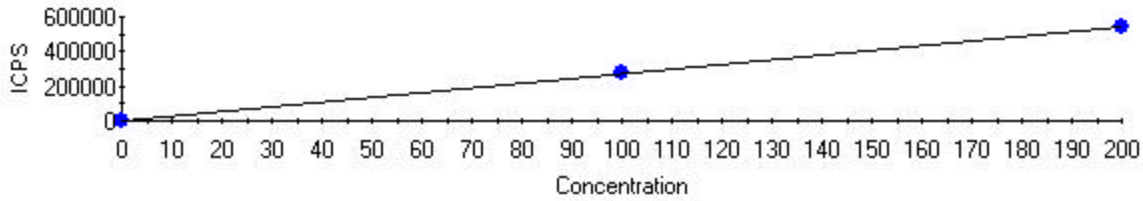
95Mo FQ Block 1



Intercept CPS=11.118548 Intercept Conc=0.016457
Sensitivity=675.592607 Correlation Coeff=0.999321

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	11.12	0.00
STD2	100.000	105.045	5.045	70979.01	5.05
STD4	200.000	197.477	2.523	133425.33	1.26

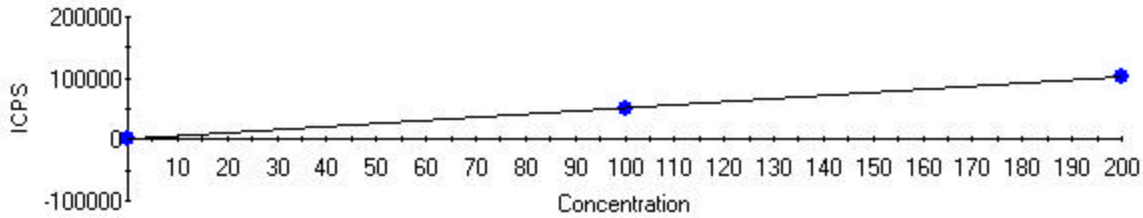
107Ag FQ Block 1



Intercept CPS=1.108723 Intercept Conc=0.000409
Sensitivity=2708.255476 Correlation Coeff=0.999757

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	1.11	0.00
STD2	100.000	103.029	3.029	279030.76	3.03
STD3	200.000	198.485	1.515	537550.15	0.76

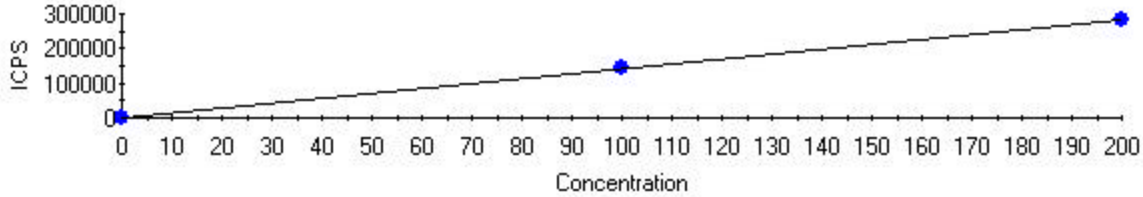
111Cd FQ Block 1



Intercept CPS=-0.009007 Intercept Conc=-0.000018
Sensitivity=507.247760 Correlation Coeff=0.999938

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	-0.01	0.00
STD2	100.000	101.538	1.538	51504.90	1.54
STD3	200.000	199.231	0.769	101059.48	0.38

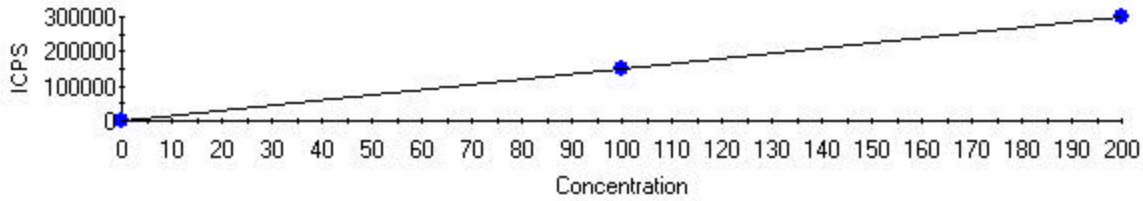
118Sn FQ Block 1



Intercept CPS=100.041669 Intercept Conc=0.071047
Sensitivity=1408.098369 Correlation Coeff=0.999965

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	100.04	0.00
STD2	100.000	101.158	1.158	142540.40	1.16
STD4	200.000	199.421	0.579	280904.45	0.29

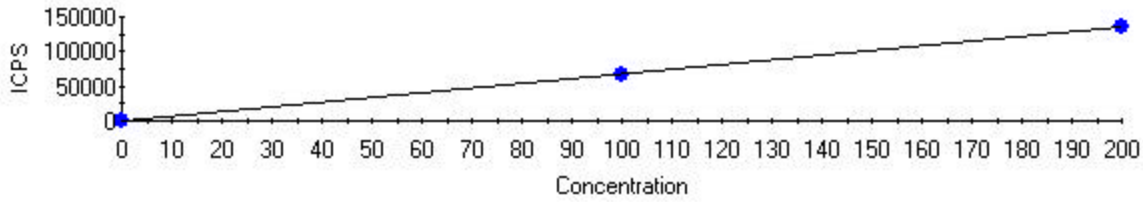
121Sb FQ Block 1



Intercept CPS=27.775615 Intercept Conc=0.018597
Sensitivity=1493.525161 Correlation Coeff=0.999976

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	27.78	0.00
STD2	100.000	100.966	0.966	150823.57	0.97
STD4	200.000	199.517	0.483	298011.17	0.24

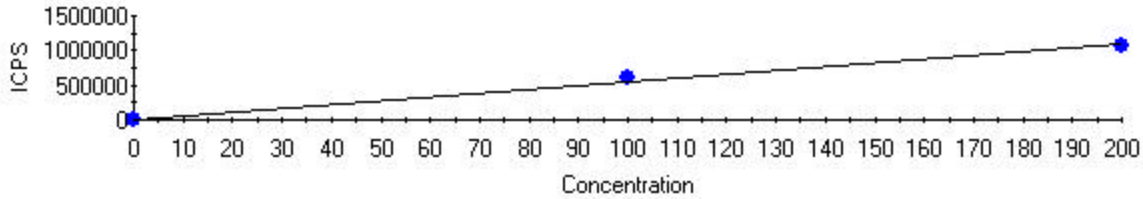
137Ba FQ Block 1



Intercept CPS=36.696463 Intercept Conc=0.054585
Sensitivity=672.277695 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	36.70	0.00
STD2	100.000	99.908	0.092	67202.33	0.09
STD3	200.000	200.046	0.046	134523.30	0.02

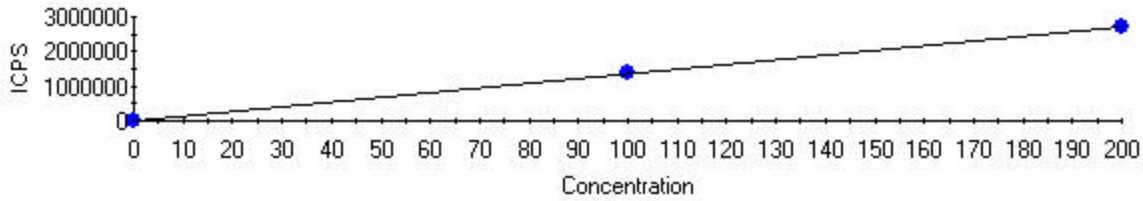
182W FQ Block 1



Intercept CPS=251.030384 Intercept Conc=0.045805
Sensitivity=5480.379440 Correlation Coeff=0.998182

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	251.03	0.00
STD2	100.000	108.195	8.195	593203.25	8.20
STD4	200.000	195.902	4.098	1073869.78	2.05

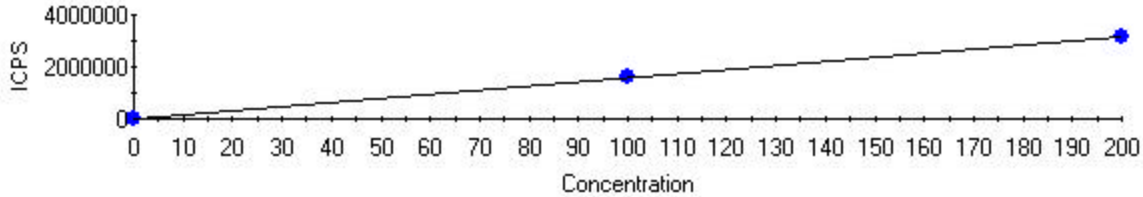
205Tl FQ Block 1



Intercept CPS=912.438658 Intercept Conc=0.067457
Sensitivity=13526.135846 Correlation Coeff=0.999995

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	912.44	0.00
STD2	100.000	100.450	0.450	1359617.98	0.45
STD3	200.000	199.775	0.225	2703093.63	0.11

208Pb FQ Block 1



Intercept CPS=540.738729 Intercept Conc=0.033952
Sensitivity=15926.350950 Correlation Coeff=0.999982

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	540.74	0.00
STD2	100.000	100.823	0.823	1606282.07	0.82
STD3	200.000	199.589	0.411	3179257.81	0.21

Dilution Corrected Concentrations

STD1 6/2/2010 13:35:11

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.000%	-0.000	-0.000
%RSD		11.123	0.000	0.000
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	-0.000	-0.000
%RSD		T 0.000	0.000	0.000
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		100.000%	100.000%	0.000
%RSD		1.133	0.389	0.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		-0.000	0.000	-0.000
%RSD		0.000	0.000	0.000
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		100.000%	-0.000	-0.000
%RSD		0.221	0.000	0.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.000	100.000%	0.000
%RSD		0.000	0.289	0.000
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		-0.000	100.000%	
%RSD		0.000	0.759	

STD2 6/2/2010 13:38:57

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.856%	101.900	99.910
%RSD		6.493	2.962	10.770
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 51030.000	50290.000	519.800
%RSD		T 1.016	0.529	0.741
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	55320.000	50300.000
%RSD		T 0.000	2.421	1.153
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		98.813%	99.823%	101.100
%RSD		0.547	0.234	6.625
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		101.000	100.800	35.320
%RSD		1.441	0.175	32.360
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		510.800	T 25370.000	101.700
%RSD		1.265	T 1.199	0.903
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.600	102.600	103.000
%RSD		0.456	1.402	1.414
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.225%	100.600	-0.493
%RSD		0.535	0.552	67.040
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.310	99.130	105.000
%RSD		1.042	1.539	1.038
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.000	51.720
%RSD		0.000	0.459	53.390
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.500	94.927%	101.200
%RSD		0.833	0.220	0.950
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.000	99.910	0.000
%RSD		0.681	0.439	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	108.200	100.500
%RSD		0.000	1.985	0.689
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.800	90.353%	
%RSD		0.795	0.381	

STD3 6/2/2010 13:42:45

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		95.481%	M 199.100	3.652
%RSD		8.049	M 6.086	60.510
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 99490.000	M 99850.000	M 990.100
%RSD		TM 1.811	M 1.662	M 2.825
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	T 97340.000	M 99850.000
%RSD		T 0.000	T 1.529	M 1.591
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		101.545%	102.608%	0.254
%RSD		1.862	1.888	2.153
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 199.500	M 199.600	86.410
%RSD		M 0.506	M 0.596	18.350
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		M 994.600	TM 49820.000	199.200
%RSD		M 1.225	TM 0.761	0.572
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 199.700	M 198.700	M 198.500
%RSD		M 0.947	M 0.715	M 1.118
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.693%	M 199.700	-1.120
%RSD		0.442	M 0.827	46.520
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 200.300	M 200.400	0.350
%RSD		M 1.269	M 1.890	33.730
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	M 198.500	84.750
%RSD		0.000	M 1.657	33.770
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 199.200	97.033%	0.227
%RSD		M 1.508	0.426	30.120
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.173	M 200.000	0.000
%RSD		15.550	M 1.102	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.523	M 199.800
%RSD		0.000	15.740	M 0.256
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 199.600	89.812%	
%RSD		M 0.452	2.032	

STD4 6/2/2010 13:46:47

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.661%	-0.110	M 200.000
%RSD		4.959	83.360	M 10.010
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		60.250	42.650	6.159
%RSD		6.269	29.450	33.180
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	126.900	98.940
%RSD		T 0.000	18.520	39.450
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		102.627%	103.396%	M 199.500
%RSD		1.134	1.679	M 2.683
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.235	0.150	-3.439
%RSD		53.580	15.750	47.360
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.450	33.630	0.092
%RSD		10.340	8.575	14.030
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.090	0.142	0.479
%RSD		61.470	49.760	51.460
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		103.486%	-0.002	0.155
%RSD		1.797	2034.000	60.550
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.243	0.178	M 197.500
%RSD		100.400	18.310	M 2.173
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.106	8.667
%RSD		0.000	7.354	32.670
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.021	100.871%	M 199.400
%RSD		230.200	0.846	M 0.821
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 199.500	0.121	0.000
%RSD		M 0.549	11.200	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	195.900	0.507
%RSD		0.000	1.867	15.640
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.123	104.152%	
%RSD		7.376	0.813	

ICV 6/2/2010 13:50:38 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.840%	104.412%	94.732%
%RSD		4.889	4.194	11.710
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 101.312%	104.800%	108.222%
%RSD		T 1.954	2.758	1.206
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	108.398%	102.219%
%RSD		T 0.000	2.190	3.200
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		103.213%	103.921%	110.926%
%RSD		1.839	1.229	5.614
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		103.701%	100.288%	25.750
%RSD		1.403	1.904	11.600
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		105.125%	T 101.851%	102.243%
%RSD		1.894	T 1.519	1.021
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		103.152%	104.877%	104.334%
%RSD		0.898	2.032	2.378
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		99.409%	101.940%	-0.370
%RSD		1.236	0.759	47.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.987%	100.458%	102.771%
%RSD		0.839	0.731	1.616
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.497%	87.200
%RSD		0.000	0.604	23.770
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		103.402%	100.548%	99.299%
%RSD		1.294	0.102	0.573
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.204%	100.525%	0.000
%RSD		1.335	1.499	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	105.334%	99.405%
%RSD		0.000	1.650	0.854
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.329%	96.834%	
%RSD		0.953	1.185	

ICB 6/2/2010 13:54:33 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		97.885%	-0.111	-1.046
%RSD		5.554	79.990	72.730
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10.960	11.250	-0.079
%RSD		26.560	29.690	1328.000
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	33.870	14.790
%RSD		T 0.000	53.510	125.600
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		106.665%	107.462%	0.190
%RSD		0.244	0.452	43.710
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.345	-0.006	-3.803
%RSD		32.890	515.500	41.840
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.085	8.124	0.004
%RSD		31.870	12.220	463.300
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.019	0.045	0.045
%RSD		340.300	69.140	202.700
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		106.955%	-0.048	0.025
%RSD		0.112	16.440	333.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.029	0.034	0.307
%RSD		1003.000	30.810	9.994
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.021	0.000
%RSD		0.000	51.950	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.027	104.694%	0.207
%RSD		27.030	1.232	34.290
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.287	0.016	0.000
%RSD		9.622	203.900	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.537	0.300
%RSD		0.000	14.010	17.710
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.019	106.199%	
%RSD		27.060	0.902	

CRI 6/2/2010 13:58:22 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		98.129%	58.067%	116.143%
%RSD		3.007	31.740	28.650
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		117.124%	110.049%	116.114%
%RSD		1.595	4.034	3.781
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	120.207%	95.900%
%RSD		T 0.000	1.886	18.340
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		103.282%	104.042%	102.165%
%RSD		1.241	0.785	15.410
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		101.431%	106.635%	-0.413
%RSD		8.848	4.001	849.600
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		121.763%	134.157%	104.801%
%RSD		4.236	2.608	3.780
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		114.766%	111.142%	109.677%
%RSD		6.780	6.311	4.779
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		100.720%	94.704%	-0.018
%RSD		0.886	1.701	221.600
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		104.680%	97.621%	101.011%
%RSD		6.351	3.006	1.307
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	121.802%	-0.692
%RSD		0.000	4.773	406.800
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		107.196%	102.243%	99.233%
%RSD		17.620	0.889	3.094
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		103.324%	99.515%	0.000
%RSD		3.306	0.656	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		0.000	98.546%	109.698%
%RSD		0.000	3.088	2.210
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		102.273%	103.345%	
%RSD		1.092	0.574	

ICSA 6/2/2010 14:02:10 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.163%	-0.162	2.335
%RSD		6.415	0.000	78.090
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 50410.000	50930.000	M 49460.000
%RSD		T 0.314	1.653	M 1.761
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	55800.000	51960.000
%RSD		T 0.000	1.235	3.331
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.048%	91.273%	M 1038.000
%RSD		1.357	1.272	M 0.692
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.162	0.666	-1.096
%RSD		98.060	10.730	101.500
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.204	TM 50170.000	0.084
%RSD		12.220	TM 1.172	18.520
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.431	0.207	1.982
%RSD		22.910	43.480	5.637
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		91.089%	0.200	0.101
%RSD		0.647	46.820	105.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.092	3.143	M 1010.000
%RSD		124.400	0.947	M 1.374
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.085	46.540
%RSD		0.000	13.990	12.250
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.657	91.362%	0.119
%RSD		4.426	0.957	41.530
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.214	0.123	0.000
%RSD		6.984	15.320	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.228	0.074
%RSD		0.000	7.844	2.454
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.147	90.764%	
%RSD		5.445	2.086	

ICSAB 6/2/2010 14:06:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.011%	103.954%	92.388%
%RSD		5.201	3.196	16.430
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 100.135%	102.393%	M 99.040%
%RSD		T 1.450	1.090	M 0.517
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	111.859%	101.846%
%RSD		T 0.000	0.579	0.986
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		88.484%	88.757%	M 105.073%
%RSD		0.395	0.335	M 2.126
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.545%	99.512%	40.090
%RSD		2.266	0.386	42.090
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		106.540%	TM 100.522%	96.908%
%RSD		0.261	TM 1.187	0.992
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.388%	97.406%	100.889%
%RSD		0.864	0.669	3.125
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.837%	97.211%	-0.767
%RSD		0.617	0.920	22.840
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		97.203%	99.576%	M 101.206%
%RSD		0.648	1.341	M 1.511
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.248%	80.230
%RSD		0.000	0.253	53.060
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		98.904%	90.977%	97.910%
%RSD		1.225	0.401	0.961
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.007%	98.838%	0.000
%RSD		0.509	0.689	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	104.881%	98.132%
%RSD		0.000	1.988	0.637
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		97.597%	92.118%	
%RSD		1.472	1.237	

CCV 6/2/2010 14:09:53 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.490%	100.578%	89.756%
%RSD		1.223	1.618	10.880
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 100.249%	98.931%	103.283%
%RSD		T 1.677	1.698	1.118
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	110.173%	100.781%
%RSD		T 0.000	1.237	2.328
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		93.612%	94.184%	101.374%
%RSD		1.164	0.991	7.549
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		101.338%	100.479%	34.530
%RSD		1.211	1.351	26.050
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		101.077%	T 99.752%	100.356%
%RSD		1.230	T 1.075	0.829
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.764%	101.746%	101.433%
%RSD		1.066	1.567	1.794
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.863%	99.110%	-0.396
%RSD		0.837	0.981	59.410
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		98.946%	99.574%	109.414%
%RSD		1.107	1.161	1.075
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.393%	55.160
%RSD		0.000	0.403	51.290
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.033%	93.619%	99.922%
%RSD		1.566	0.878	0.102
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.290%	100.354%	0.000
%RSD		1.153	0.805	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	107.593%	99.889%
%RSD		0.000	1.718	0.705
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.224%	94.287%	
%RSD		0.710	1.054	

CCB 6/2/2010 14:13:51 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		94.387%	-0.108	-0.423
%RSD		1.647	88.400	516.900
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		16.410	8.571	0.859
%RSD		30.770	73.950	115.800
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	44.320	8.602
%RSD		T 0.000	39.830	270.900
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		98.530%	99.091%	0.001
%RSD		1.432	1.712	9085.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.018	0.018	-0.449
%RSD		794.900	99.890	515.400
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.097	12.180	0.012
%RSD		18.870	8.262	57.710
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.026	0.044	0.199
%RSD		234.000	95.370	97.550
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		97.894%	-0.026	0.024
%RSD		0.510	228.200	180.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.028	0.039	0.912
%RSD		657.100	80.150	5.016
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.023	1.087
%RSD		0.000	21.850	100.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.027	100.338%	0.221
%RSD		36.700	0.282	44.070
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.176	-0.008	0.000
%RSD		6.194	147.600	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.486	0.360
%RSD		0.000	14.120	13.510
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.029	106.900%	
%RSD		26.730	0.907	

CCV 6 6/2/2010 18:36:36 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.101%	102.529%	98.243%
%RSD		11.392	7.821	12.540
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 97.022%	99.785%	99.815%
%RSD		T 2.499	1.789	2.931
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	116.444%	98.913%
%RSD		T 0.000	1.799	0.997
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.180%	85.665%	98.371%
%RSD		0.396	0.944	6.081
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		101.873%	99.744%	37.040
%RSD		0.768	1.249	12.390
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		98.406%	T 101.045%	98.823%
%RSD		0.435	T 0.653	0.734
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.548%	99.613%	99.039%
%RSD		1.408	0.657	0.704
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.202%	99.654%	-0.589
%RSD		0.885	0.793	34.820
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		98.689%	98.449%	102.809%
%RSD		2.761	0.493	1.091
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.823%	39.230
%RSD		0.000	1.109	121.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		99.400%	87.861%	99.515%
%RSD		1.428	0.685	1.740
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.296%	102.525%	0.000
%RSD		1.302	0.953	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	103.284%	97.552%
%RSD		0.000	2.528	1.400
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.299%	92.348%	
%RSD		1.353	0.964	

CCB 6 6/2/2010 18:41:47 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.600%	-0.102	-0.734
%RSD		7.345	103.700	243.000
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		18.700	14.630	-0.270
%RSD		19.800	17.490	189.200
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	39.240	6.129
%RSD		T0.000	62.680	364.800
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.949%	90.710%	0.236
%RSD		1.051	1.342	43.350
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.255	-0.017	1.695
%RSD		67.190	90.490	74.600
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.103	13.040	0.013
%RSD		33.520	6.381	99.600
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.012	0.054	0.028
%RSD		49.950	63.740	817.800
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.674%	-0.073	-0.004
%RSD		0.548	87.580	4514.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.040	0.043	0.244
%RSD		833.800	53.770	23.060
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.030	-0.566
%RSD		0.000	21.910	86.620
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.028	93.712%	0.255
%RSD		24.120	1.537	37.780
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.157	0.037	0.000
%RSD		10.620	100.600	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.287	0.236
%RSD		0.000	10.330	11.530
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.033	104.058%	
%RSD		0.275	0.275	

L137HF 6/2/2010 18:45:48 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		71.609%	0.316	64.060
%RSD		6.468	74.490	8.894
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10400.000	5655.000	77.200
%RSD		2.137	3.087	9.069
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	4278.000	7230.000
%RSD		0.000	1.851	3.782
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.078%	80.823%	0.334
%RSD		0.595	0.828	57.570
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.013	0.707	-2.450
%RSD		51.760	9.243	132.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		405.700	T 18860.000	15.450
%RSD		0.585	T 0.901	1.040
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		16.450	0.482	37.670
%RSD		5.442	13.380	2.536
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.803%	6.405	0.187
%RSD		0.389	1.912	64.140
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.218	30.740	0.105
%RSD		77.960	1.547	3.089
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	1.306
%RSD		0.000	57.620	100.300
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.147	83.623%	0.096
%RSD		34.840	0.564	5.068
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.089	27.690	0.000
%RSD		15.600	0.158	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.096	0.112
%RSD		0.000	3.041	11.580
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.188	94.515%	
%RSD		1.527	1.054	

L137H 6/2/2010 18:50:23 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.309%	0.247	58.510
%RSD		6.615	83.760	12.270
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11560.000	5828.000	168.300
%RSD		1.029	2.989	2.460
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	4394.000	7065.000
%RSD		0.000	0.244	4.106
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.422%	79.891%	2.349
%RSD		1.058	0.814	29.010
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.869	0.950	-2.722
%RSD		16.800	4.844	81.470
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		392.900	T 19060.000	16.280
%RSD		0.887	T 1.669	3.791
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		17.470	0.812	41.790
%RSD		1.010	2.652	1.542
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.876%	6.631	0.151
%RSD		0.341	3.389	60.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.261	30.680	0.123
%RSD		46.700	1.543	45.390
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.142
%RSD		0.000	64.200	1786.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.194	84.796%	0.193
%RSD		25.110	1.077	17.310
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.062	28.710	0.000
%RSD		10.820	1.885	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.037	0.080
%RSD		0.000	39.510	9.792
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.344	94.703%	
%RSD		0.995	0.732	

L195WB 6/2/2010 18:55:12 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.040%	-0.162	-0.164
%RSD		6.092	0.000	1465.000
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		120.900	85.610	9.681
%RSD		2.292	5.122	22.420
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	125.800	326.500
%RSD		T0.000	24.800	30.600
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		88.145%	88.331%	0.125
%RSD		0.722	0.451	141.900
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.235	0.032	-2.842
%RSD		133.100	71.590	104.700
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.486	23.230	-0.004
%RSD		20.120	4.660	77.790
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.094	1.189	3.716
%RSD		63.060	5.613	12.520
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.996%	-0.158	0.234
%RSD		1.374	112.400	15.030
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.220	1.404	0.067
%RSD		73.130	1.967	10.480
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.403
%RSD		0.000	1.379	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	91.116%	0.095
%RSD		175.700	0.878	22.410
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.034	1.511	0.000
%RSD		44.320	8.087	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.025	0.017
%RSD		0.000	54.400	14.800
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.076	101.397%	
%RSD		7.810	0.862	

L195WC 6/2/2010 18:59:19 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.886%	93.460	91.630
%RSD		2.287	6.319	6.296
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9973.000	9497.000	M 8996.000
%RSD		1.204	2.791	M 1.749
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	11000.000	8709.000
%RSD		0.000	0.095	5.639
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		85.315%	85.034%	94.230
%RSD		1.110	0.474	3.892
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		90.720	89.510	32.750
%RSD		1.882	0.461	18.910
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		94.160	10420.000	91.590
%RSD		1.189	0.698	0.437
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		93.850	95.200	99.410
%RSD		1.281	0.643	1.687
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.965%	93.090	-0.506
%RSD		0.444	0.754	42.030
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		91.730	91.390	89.050
%RSD		3.288	0.917	2.954
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	96.950	41.490
%RSD		0.000	1.389	147.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		94.770	86.881%	91.080
%RSD		0.287	1.450	1.733
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		91.830	94.190	0.000
%RSD		2.537	1.491	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	87.540	86.610
%RSD		0.000	4.775	1.891
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		89.690	95.475%	
%RSD		1.345	0.285	

L188T 6/2/2010 19:03:42 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		66.962%	-0.026	M 193.800
%RSD		9.641	904.800	M 10.670
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		41610.000	1717.000	117.900
%RSD		1.434	1.845	2.729
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	4806.000	36060.000
%RSD		0.000	0.918	3.448
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.974%	80.213%	0.661
%RSD		0.758	1.042	61.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		7.574	0.775	-1.409
%RSD		5.801	5.956	120.100
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		4.984	25.760	0.030
%RSD		2.516	1.488	65.050
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.342	0.492	7.401
%RSD		16.710	14.270	1.589
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.406%	0.892	0.177
%RSD		0.786	16.230	99.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.315	M 276.800	1.659
%RSD		62.030	M 1.295	4.529
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.014	-6.254
%RSD		0.000	12.650	61.760
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.048	83.587%	0.436
%RSD		9.842	0.591	26.080
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.799	30.170	0.000
%RSD		7.023	2.091	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	3.715	0.312
%RSD		0.000	3.945	21.430
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.320	90.868%	
%RSD		7.146	1.538	

North Canton

L188W 6/2/2010 19:07:46 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		70.136%	-0.162	M 200.800
%RSD		5.860	0.000	M 17.570
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		41800.000	1806.000	103.700
%RSD		0.796	3.337	3.468
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	4796.000	36190.000
%RSD		0.000	3.562	3.391
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.094%	79.305%	0.867
%RSD		0.849	1.089	86.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		7.951	0.542	-0.856
%RSD		3.876	7.613	195.200
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		3.982	19.240	0.028
%RSD		6.784	5.475	47.180
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.299	0.495	4.642
%RSD		32.930	6.917	9.073
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.498%	0.669	0.216
%RSD		0.623	14.380	25.080
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.407	M 277.500	1.253
%RSD		23.200	M 0.663	8.687
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	-0.217
%RSD		0.000	56.240	842.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	82.301%	0.222
%RSD		100.000	0.447	10.370
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.469	30.360	0.000
%RSD		13.200	0.369	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	3.171	0.103
%RSD		0.000	3.978	7.353
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.192	90.218%	
%RSD		2.070	0.492	

North Canton

L1880 6/2/2010 19:11:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.257%	-0.162	3.475
%RSD		8.633	0.000	162.900
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		294.700	7.713	20.120
%RSD		2.817	32.490	5.851
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	162.500	101.700
%RSD		0.000	15.170	51.900
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		89.106%	87.438%	0.304
%RSD		0.395	1.503	57.410
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.176	0.341	-1.383
%RSD		112.000	6.313	129.800
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.919	59.470	-0.001
%RSD		4.679	3.240	951.500
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.168	0.275	2.431
%RSD		15.750	30.520	12.150
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.415%	0.021	0.260
%RSD		0.511	126.900	24.940
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.050	1.073	0.112
%RSD		37.050	4.440	19.650
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	-0.184
%RSD		0.000	37.640	340.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	89.643%	0.472
%RSD		88.540	0.631	5.689
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.069	0.199	0.000
%RSD		40.530	11.410	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.198	0.050
%RSD		0.000	7.795	19.680
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.075	99.856%	
%RSD		3.281	0.455	

L12P6 6/2/2010 19:15:36 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		68.102%	0.502	51.730
%RSD		10.692	76.090	19.620
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		16960.000	59720.000	M 16110.000
%RSD		0.147	0.806	M 1.831
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	10730.000	M 161400.000
%RSD		0.000	0.889	M 0.901
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		74.218%	73.065%	M 392.100
%RSD		0.853	0.624	M 1.454
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		29.510	44.360	18.370
%RSD		0.858	1.288	25.820
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		497.900	T 24400.000	8.265
%RSD		0.769	T 1.345	2.189
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		30.100	27.600	75.300
%RSD		1.985	2.792	2.553
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		75.179%	9.625	0.442
%RSD		1.218	0.889	15.380
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.941	M 231.800	31.680
%RSD		21.320	M 1.197	2.503
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.041	1.258
%RSD		0.000	5.009	454.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.045	78.726%	0.651
%RSD		31.330	1.307	5.980
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.499	M 246.700	0.000
%RSD		2.415	M 0.552	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.200	0.193
%RSD		0.000	1.092	2.461
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		12.330	85.069%	
%RSD		0.896	1.462	

L12QN 6/2/2010 19:20:15 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.944%	0.541	36.520
%RSD		4.658	81.040	16.450
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		7458.000	42700.000	M 12620.000
%RSD		1.632	2.382	M 1.699
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	8488.000	M 99040.000
%RSD		0.000	1.420	M 1.940
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.046%	78.311%	M 296.300
%RSD		1.272	0.872	M 4.502
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		22.890	28.070	4.146
%RSD		1.885	1.023	115.400
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		355.100	T 17620.000	6.364
%RSD		0.963	T 1.181	1.301
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		21.710	21.970	46.780
%RSD		1.840	3.084	1.264
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		80.347%	7.022	0.335
%RSD		1.094	2.248	37.830
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.403	M 210.100	11.250
%RSD		56.410	M 0.969	3.799
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.028	1.961
%RSD		0.000	34.630	154.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.062	82.811%	0.525
%RSD		31.930	0.779	13.670
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.276	140.500	0.000
%RSD		13.630	1.519	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.112	0.155
%RSD		0.000	9.372	6.532
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		7.135	89.582%	
%RSD		1.041	0.521	

L12QV 6/2/2010 19:24:35 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		67.523%	0.189	60.110
%RSD		10.680	170.800	31.260
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		13940.000	61800.000	M 11400.000
%RSD		0.260	0.326	M 0.886
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	14050.000	M 132600.000
%RSD		0.000	1.507	M 3.290
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		77.731%	77.401%	M 274.600
%RSD		0.938	0.811	M 5.658
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		23.790	61.160	17.870
%RSD		3.186	0.837	30.130
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		579.200	T 23340.000	6.669
%RSD		0.462	T 0.621	1.194
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		30.330	34.560	59.600
%RSD		2.594	0.376	0.517
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		79.436%	9.340	0.288
%RSD		0.723	3.906	42.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.008	M 214.600	25.050
%RSD		35.100	M 1.000	1.350
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.022	1.223
%RSD		0.000	22.580	238.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.092	81.628%	0.486
%RSD		39.490	0.588	5.067
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.430	166.300	0.000
%RSD		7.914	0.642	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	1.401	0.145
%RSD		0.000	4.889	3.275
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		13.520	88.235%	
%RSD		0.802	0.312	

North Canton

CCV 7 6/2/2010 19:29:06 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.528%	97.393%	80.101%
%RSD		6.351	10.220	7.560
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 98.025%	100.962%	101.668%
%RSD		T 1.958	2.720	2.809
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	116.861%	100.532%
%RSD		T 0.000	1.101	3.721
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.397%	89.965%	103.118%
%RSD		0.298	0.716	6.485
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		101.020%	101.294%	46.760
%RSD		0.500	0.973	12.240
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		100.365%	T 102.861%	100.271%
%RSD		0.786	T 0.818	1.487
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.821%	99.776%	98.134%
%RSD		0.738	0.666	3.087
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.600%	101.446%	-0.362
%RSD		2.289	1.800	38.770
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		98.451%	98.326%	102.940%
%RSD		2.498	1.528	0.996
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.574%	113.700
%RSD		0.000	1.200	21.440
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		99.951%	91.732%	100.534%
%RSD		0.882	0.852	0.934
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.656%	104.075%	0.000
%RSD		0.825	1.118	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	102.865%	97.166%
%RSD		0.000	1.256	0.400
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		98.844%	94.263%	
%RSD		0.465	1.193	

CCB 7 6/2/2010 19:33:40 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.945%	0.012	-1.806
%RSD		2.820	1413.000	47.370
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		17.890	16.500	-0.375
%RSD		16.280	8.860	196.800
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	26.480	14.400
%RSD		T 0.000	6.628	110.700
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.086%	94.218%	0.059
%RSD		0.620	0.453	163.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.175	-0.019	-0.098
%RSD		145.100	135.300	1813.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.156	14.350	0.012
%RSD		13.960	7.985	98.760
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.020	0.065	0.233
%RSD		203.200	49.670	15.560
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.188%	0.054	-0.021
%RSD		0.559	316.300	115.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.252	0.042	0.296
%RSD		27.570	18.920	24.080
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.027	0.380
%RSD		0.000	22.290	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.025	96.261%	0.280
%RSD		42.630	0.871	42.440
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.138	0.008	0.000
%RSD		4.337	32.650	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.382	0.278
%RSD		0.000	16.470	11.040
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.038	104.647%	
%RSD		7.811	0.600	

L12Q0 6/2/2010 19:37:55 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.296%	0.641	36.370
%RSD		6.477	55.530	29.480
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11300.000	32430.000	M 4573.000
%RSD		1.654	2.022	M 1.833
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	5864.000	69140.000
%RSD		0.000	0.839	2.159
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		82.055%	81.491%	125.900
%RSD		1.064	1.403	4.751
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		6.985	29.170	10.520
%RSD		0.504	0.920	17.960
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		182.400	8034.000	2.233
%RSD		1.405	0.968	1.591
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		16.200	11.710	29.460
%RSD		3.537	1.905	2.184
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		83.657%	6.501	0.167
%RSD		0.295	4.146	69.170
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.235	175.400	15.400
%RSD		35.240	0.892	3.110
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.017	-0.474
%RSD		0.000	26.290	131.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.017	85.126%	0.325
%RSD		107.400	0.665	6.557
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.306	114.400	0.000
%RSD		10.480	1.272	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	1.689	0.130
%RSD		0.000	3.207	3.855
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		3.398	91.861%	
%RSD		1.935	0.426	

L12Q2 6/2/2010 19:42:20 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		61.772%	0.484	82.560
%RSD		3.718	1.864	6.037
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14970.000	68930.000	M 16940.000
%RSD		1.397	0.639	M 1.281
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	9957.000	M 177000.000
%RSD		0.000	1.093	M 0.712
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		76.388%	75.773%	M 453.000
%RSD		1.395	0.668	M 3.665
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		34.610	74.330	35.020
%RSD		1.838	0.282	26.810
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		735.600	T 34550.000	10.620
%RSD		1.672	T 0.828	5.621
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		37.820	43.390	85.610
%RSD		0.832	1.119	0.092
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		76.668%	17.640	0.474
%RSD		1.174	3.466	27.150
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.345	M 245.100	13.940
%RSD		27.400	M 1.751	4.176
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.079	6.683
%RSD		0.000	7.148	15.930
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.130	80.313%	0.976
%RSD		45.630	0.196	5.280
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.630	194.400	0.000
%RSD		5.649	1.724	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.244	0.333
%RSD		0.000	11.440	3.626
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		27.840	86.402%	
%RSD		0.347	1.228	

L12Q3 6/2/2010 19:47:27 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.160%	-0.094	30.130
%RSD		4.838	126.300	5.432
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		7152.000	32350.000	M 8388.000
%RSD		0.321	1.307	M 1.013
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	6331.000	77750.000
%RSD		0.000	1.155	2.057
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.589%	80.859%	M 278.700
%RSD		0.630	1.084	M 21.740
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		14.980	23.280	9.420
%RSD		8.919	2.145	82.340
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		211.500	10480.000	3.753
%RSD		0.993	1.569	1.419
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		16.150	13.580	38.360
%RSD		3.004	4.225	2.147
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.391%	7.204	0.245
%RSD		0.792	4.276	36.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.302	162.300	8.274
%RSD		33.340	0.432	0.924
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.022	1.792
%RSD		0.000	24.890	71.490
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.051	84.360%	0.432
%RSD		17.670	0.479	6.367
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.173	150.600	0.000
%RSD		16.940	0.742	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.127	0.105
%RSD		0.000	25.760	5.402
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		4.157	92.425%	
%RSD		1.097	0.177	

L12Q5 6/2/2010 19:52:21 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.831%	0.042	44.610
%RSD		6.829	488.800	21.640
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11650.000	42950.000	M 7189.000
%RSD		0.837	0.214	M 1.427
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	7700.000	M 102400.000
%RSD		0.000	2.420	M 2.134
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		80.438%	79.058%	M 205.000
%RSD		0.708	0.850	M 6.554
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		12.740	62.520	19.230
%RSD		1.710	0.328	28.430
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		330.300	15540.000	3.882
%RSD		0.918	1.914	4.182
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		28.540	45.240	61.110
%RSD		4.270	0.222	2.142
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.241%	4.984	0.372
%RSD		0.972	1.612	28.610
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.357	182.500	21.430
%RSD		93.370	0.868	2.691
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.026	-2.391
%RSD		0.000	34.320	125.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.019	83.470%	0.473
%RSD		127.400	0.209	12.170
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.297	135.900	0.000
%RSD		7.064	1.200	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.240	0.095
%RSD		0.000	2.650	3.813
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		6.965	90.036%	
%RSD		1.058	0.863	

L12Q6 6/2/2010 19:56:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.881%	-0.162	4.177
%RSD		3.701	0.000	38.920
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		110.700	24.510	18.940
%RSD		1.696	21.960	8.866
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	133.200	307.500
%RSD		T0.000	17.540	21.510
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		93.312%	92.177%	0.567
%RSD		1.299	0.443	61.480
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.060	0.144	-0.515
%RSD		512.600	17.760	412.600
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.200	15.960	-0.012
%RSD		37.610	3.648	38.130
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.317	2.070	3.674
%RSD		104.100	3.927	9.976
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.086%	0.014	0.301
%RSD		0.952	496.600	37.660
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.058	0.484	0.081
%RSD		340.900	5.464	10.400
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	-0.000	0.101
%RSD		0.000	0.000	996.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	94.046%	0.209
%RSD		87.340	0.771	12.760
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.013	0.197	0.000
%RSD		36.560	5.786	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	-0.009	-0.013
%RSD		0.000	8.362	37.360
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.545	103.258%	
%RSD		2.603	0.930	

North Canton

L12Q8 6/2/2010 20:00:43 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.884%	3.028	149.000
%RSD		9.109	55.900	11.270
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9979.000	M 246200.000	M 56090.000
%RSD		0.442	M 0.635	M 0.290
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	22280.000	M 732300.000
%RSD		0.000	1.472	M 1.246
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		68.689%	68.786%	M 1456.000
%RSD		0.379	1.153	M 0.515
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		122.300	177.000	66.590
%RSD		0.289	0.744	4.877
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		M 3819.000	TM 110900.000	45.820
%RSD		M 0.131	TM 0.701	0.577
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		139.600	101.000	M 274.200
%RSD		2.359	1.066	M 0.829
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		67.238%	39.380	0.794
%RSD		0.940	1.987	24.220
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.919	M 640.800	11.980
%RSD		19.870	M 1.343	4.257
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.155	-9.921
%RSD		0.000	9.852	67.860
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.384	72.910%	2.186
%RSD		18.000	0.598	3.933
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.580	M 561.400	0.000
%RSD		7.191	M 0.800	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.147	0.876
%RSD		0.000	6.146	3.827
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		39.960	76.066%	
%RSD		2.019	0.462	

L12RA 6/2/2010 20:06:45 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		56.856%	1.931	153.500
%RSD		4.126	13.290	14.730
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14180.000	M 159400.000	M 60350.000
%RSD		0.427	M 1.320	M 1.424
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	27190.000	M 460100.000
%RSD		0.000	0.666	M 1.356
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		73.291%	72.651%	M 1715.000
%RSD		0.216	1.356	M 1.448
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		133.100	M 272.800	125.500
%RSD		1.736	M 0.773	19.320
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		M 2626.000	TM 114500.000	42.770
%RSD		M 0.110	TM 1.662	1.983
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		151.100	M 289.900	M 339.200
%RSD		0.978	M 1.062	M 1.296
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		71.272%	24.060	0.536
%RSD		0.775	1.128	31.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		3.006	M 474.800	27.180
%RSD		21.440	M 0.354	2.458
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.153	-13.380
%RSD		0.000	8.867	31.560
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.306	76.591%	2.820
%RSD		23.020	0.361	2.052
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.678	M 427.600	0.000
%RSD		9.126	M 1.424	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.835	0.563
%RSD		0.000	1.756	4.307
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		33.020	80.309%	
%RSD		1.013	0.964	

L12RD 6/2/2010 20:12:47 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		62.372%	0.814	71.240
%RSD		3.938	16.300	31.980
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		18850.000	55340.000	M 24690.000
%RSD		1.145	0.558	M 0.284
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	14170.000	M 131400.000
%RSD		0.000	1.883	M 0.258
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		78.721%	77.765%	M 528.900
%RSD		1.410	0.552	M 0.783
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		44.660	86.390	38.110
%RSD		3.862	1.023	30.940
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		675.400	T 34140.000	12.450
%RSD		0.955	T 1.962	1.802
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		54.120	66.060	125.400
%RSD		2.206	0.639	0.449
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		77.935%	12.670	-0.065
%RSD		0.276	0.712	71.220
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.936	M 310.200	17.910
%RSD		13.140	M 0.466	1.407
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.046	-3.219
%RSD		0.000	20.210	128.100
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.100	80.918%	1.210
%RSD		33.550	0.444	8.742
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.440	M 256.000	0.000
%RSD		5.404	M 1.486	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.161	0.233
%RSD		0.000	7.100	3.818
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		16.690	88.469%	
%RSD		1.140	0.409	

L12RF 6/2/2010 20:17:53 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		48.149%	4.471	177.000
%RSD		3.464	24.090	12.330
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10160.000	M 585800.000	M 99370.000
%RSD		1.577	M 1.800	M 1.871
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	27090.000	M 1736000.000
%RSD		0.000	2.244	M 0.926
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		62.708%	62.837%	M 2779.000
%RSD		1.447	1.677	M 1.698
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 268.600	M 252.700	108.300
%RSD		M 1.329	M 0.956	7.293
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		TM 7705.000	TM 238100.000	90.790
%RSD		TM 1.111	TM 1.008	0.995
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 240.500	197.300	M 535.300
%RSD		M 0.787	1.306	M 0.856
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		58.697%	112.300	1.249
%RSD		2.374	2.793	16.250
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		5.340	M 1583.000	11.660
%RSD		10.460	M 1.088	2.715
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.345	-25.480
%RSD		0.000	4.574	38.260
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.054	66.794%	4.021
%RSD		10.360	0.929	2.905
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.715	M 1049.000	0.000
%RSD		4.576	M 0.404	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.169	1.821
%RSD		0.000	5.729	0.539
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		115.800	66.937%	
%RSD		1.311	0.813	

L179V 6/2/2010 20:23:57 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.215%	-0.162	17.140
%RSD		7.880	0.000	58.290
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9619.000	17560.000	36.230
%RSD		3.241	4.588	15.660
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	2395.000	29700.000
%RSD		T 0.000	1.103	1.644
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.733%	86.054%	1.939
%RSD		2.221	1.180	1.104
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.750	0.710	1.896
%RSD		35.370	4.945	21.030
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.618	62.170	0.076
%RSD		20.840	11.820	20.340
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.739	0.800	8.572
%RSD		12.060	18.790	5.531
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.178%	0.290	0.275
%RSD		0.669	7.015	5.819
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.134	54.640	0.269
%RSD		87.230	1.694	20.430
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-0.085
%RSD		0.000	122.300	834.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.032	89.412%	0.096
%RSD		25.220	2.114	12.150
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.041	113.100	0.000
%RSD		28.920	2.015	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	-0.013	-0.024
%RSD		0.000	22.980	11.880
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.068	98.032%	
%RSD		2.966	1.579	

CCV 8 6/2/2010 20:28:51 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.760%	97.164%	84.065%
%RSD		5.879	7.796	11.650
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 100.041%	102.926%	101.829%
%RSD		T 3.545	2.810	0.937
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	118.379%	100.342%
%RSD		T 0.000	0.975	4.557
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.077%	90.087%	108.319%
%RSD		0.860	1.123	4.577
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		102.645%	101.088%	39.110
%RSD		3.204	2.276	25.680
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		99.488%	T 103.203%	100.071%
%RSD		0.918	T 1.357	0.171
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.856%	100.373%	97.407%
%RSD		0.392	0.813	0.847
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.542%	101.283%	-0.445
%RSD		0.419	1.229	60.110
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.088%	99.134%	102.579%
%RSD		1.490	2.123	1.075
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.621%	32.300
%RSD		0.000	1.207	71.360
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		98.668%	92.744%	99.646%
%RSD		0.390	0.899	1.182
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.415%	102.717%	0.000
%RSD		0.377	1.538	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	101.445%	97.030%
%RSD		0.000	1.529	1.211
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.611%	94.370%	
%RSD		1.420	0.845	

CCB 8 6/2/2010 20:34:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.714%	-0.045	1.648
%RSD		3.437	447.500	89.950
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		18.630	30.010	3.161
%RSD		7.306	47.580	66.200
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	35.110	97.110
%RSD		T0.000	63.740	47.210
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.279%	93.994%	0.114
%RSD		1.757	0.056	0.043
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.034	0.003	0.595
%RSD		885.500	1054.000	429.600
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.392	23.750	0.015
%RSD		15.330	9.898	37.080
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.003	0.031	0.223
%RSD		1815.000	94.340	60.380
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.068%	0.053	-0.006
%RSD		0.363	84.490	146.800
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.029	0.108	0.218
%RSD		98.400	32.490	3.316
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.033	0.964
%RSD		0.000	19.760	60.830
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.043	95.436%	0.245
%RSD		9.304	0.712	33.900
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.103	0.063	0.000
%RSD		14.650	53.570	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.282	0.216
%RSD		0.000	11.040	14.300
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.045	103.948%	
%RSD		7.790	0.623	

L179VS 6/2/2010 20:38:09 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.891%	111.400	111.900
%RSD		4.336	4.874	13.670
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		21120.000	29080.000	M 10200.000
%RSD		2.216	1.604	M 3.079
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	14810.000	41030.000
%RSD		0.000	2.616	1.734
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		81.153%	81.498%	108.000
%RSD		0.669	1.380	1.893
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		104.900	102.300	29.200
%RSD		1.381	2.654	9.464
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		107.100	11370.000	101.200
%RSD		1.911	0.589	1.212
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		104.900	103.100	107.000
%RSD		1.111	0.167	1.703
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		82.886%	102.300	-0.371
%RSD		0.859	1.515	36.390
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.650	156.100	101.200
%RSD		3.496	1.329	2.778
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.400	44.280
%RSD		0.000	1.505	69.480
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.400	84.980%	100.600
%RSD		1.048	0.606	1.714
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.900	M 221.000	0.000
%RSD		1.819	M 0.837	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	98.870	97.370
%RSD		0.000	3.638	2.315
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		96.980	89.400%	
%RSD		1.467	0.888	

L179VD 6/2/2010 20:43:04 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		65.917%	99.710	119.000
%RSD		2.608	7.039	8.367
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		20370.000	27750.000	M 9932.000
%RSD		1.259	2.850	M 0.327
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	14600.000	39240.000
%RSD		0.000	1.553	3.607
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		82.492%	82.775%	108.800
%RSD		1.912	0.706	6.846
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.100	98.920	43.750
%RSD		2.737	1.177	30.110
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		104.700	11200.000	98.390
%RSD		1.994	1.476	1.505
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		101.700	100.900	104.500
%RSD		1.036	1.023	1.791
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.190%	100.000	-0.540
%RSD		0.881	0.982	65.670
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.290	153.200	100.000
%RSD		2.497	1.891	2.093
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	103.900	-1.926
%RSD		0.000	0.473	1974.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.500	84.859%	100.300
%RSD		0.221	0.585	0.640
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.500	M 222.100	0.000
%RSD		1.108	M 1.535	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	100.200	97.500
%RSD		0.000	2.770	1.316
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		98.390	91.135%	
%RSD		0.768	1.422	

L1796 6/2/2010 20:48:02 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		72.596%	-0.098	11.840
%RSD		1.917	112.800	12.110
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2047.000	17340.000	21.700
%RSD		3.308	2.619	12.520
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	1382.000	29650.000
%RSD		0.000	1.150	1.619
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		85.823%	86.396%	0.247
%RSD		1.338	1.538	110.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.354	0.608	2.456
%RSD		128.100	13.190	130.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.257	59.980	0.043
%RSD		4.729	4.608	33.690
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.735	0.401	3.245
%RSD		9.841	21.160	14.700
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.543%	0.395	0.310
%RSD		0.326	26.820	9.668
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.081	56.250	0.721
%RSD		322.200	0.663	11.890
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.021	-1.171
%RSD		0.000	60.800	44.240
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.027	87.827%	0.425
%RSD		15.440	0.706	30.020
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.465	100.300	0.000
%RSD		6.273	1.333	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.695	0.330
%RSD		0.000	13.550	12.750
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.046	96.288%	
%RSD		2.983	0.946	

L1796L 6/2/2010 20:52:01 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.685%	-0.162	3.605
%RSD		4.653	0.000	75.730
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		434.500	3678.000	3.900
%RSD		3.840	2.160	46.760
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	287.100	6046.000
%RSD		T0.000	5.133	1.892
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.163%	87.259%	0.007
%RSD		0.571	1.489	1520.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.049	0.082	5.719
%RSD		266.900	28.550	10.410
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.459	13.110	-0.003
%RSD		18.890	9.236	365.200
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.134	0.091	5.041
%RSD		50.870	25.530	4.121
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.534%	0.119	0.198
%RSD		1.180	85.280	60.010
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.139	10.970	0.181
%RSD		133.200	1.216	27.620
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.216
%RSD		0.000	28.100	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.012	91.297%	0.126
%RSD		93.210	0.095	10.440
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.171	19.540	0.000
%RSD		12.960	1.242	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.184	0.124
%RSD		0.000	8.838	5.677
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.008	100.770%	
%RSD		52.030	0.488	

L1798 6/2/2010 20:55:52 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.160%	-0.162	22.600
%RSD		8.137	0.000	42.180
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		9661.000	17310.000	32.400
%RSD		2.616	3.241	5.960
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	2342.000	29770.000
%RSD		0.000	1.584	5.159
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		84.203%	83.837%	0.754
%RSD		0.813	1.875	14.510
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.583	0.773	2.741
%RSD		35.090	8.412	71.390
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.222	11.910	0.058
%RSD		32.340	5.418	55.400
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.187	1.224	7.871
%RSD		16.190	5.743	1.598
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.565%	0.282	0.183
%RSD		1.010	5.471	12.350
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.218	54.130	0.324
%RSD		40.820	2.174	12.520
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-1.642
%RSD		0.000	64.810	68.620
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.036	85.158%	0.351
%RSD		49.800	1.410	10.120
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.164	113.800	0.000
%RSD		11.170	1.045	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.117	0.086
%RSD		0.000	5.462	5.042
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.057	92.415%	
%RSD		12.120	1.427	

L18AA 6/2/2010 20:59:52 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		79.820%	-0.162	1.752
%RSD		1.978	0.000	87.190
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		171.400	5.836	20.350
%RSD		1.936	14.450	6.551
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	132.600	83.860
%RSD		0.000	3.322	87.500
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.216%	90.549%	-0.052
%RSD		0.410	0.920	0.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.189	0.097	4.790
%RSD		217.400	29.800	56.200
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.270	10.630	-0.013
%RSD		16.580	14.500	12.120
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.053	0.108	3.941
%RSD		89.650	3.922	5.666
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.742%	0.005	0.306
%RSD		0.423	1754.000	4.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.073	0.232	0.065
%RSD		140.400	9.880	46.980
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.720
%RSD		0.000	61.860	351.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.002	93.466%	0.082
%RSD		179.000	1.150	5.566
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.068	0.044	0.000
%RSD		29.490	12.730	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.046	0.033
%RSD		0.000	16.270	37.380
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.021	101.469%	
%RSD		6.131	0.360	

L10KGB 6/2/2010 21:03:49 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.332%	-0.102	1.824
%RSD		6.859	101.400	85.930
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		109.100	85.620	5.586
%RSD		2.369	11.140	28.600
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	194.800	298.100
%RSD		0.000	12.740	13.490
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.837%	91.586%	0.005
%RSD		0.804	0.549	1931.000
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.393	0.178	-2.887
%RSD		48.570	2.557	34.800
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.496	15.110	-0.010
%RSD		9.524	9.751	49.660
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.110	0.947	5.279
%RSD		42.430	13.910	13.620
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.825%	-0.041	0.257
%RSD		0.201	216.200	58.590
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.090	1.272	0.036
%RSD		158.100	4.768	57.490
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	-0.075
%RSD		0.000	61.920	905.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.009	92.809%	0.135
%RSD		115.100	0.745	1.149
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.044	1.302	0.000
%RSD		3.867	13.550	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.037	0.015
%RSD		0.000	21.140	15.230
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.089	101.488%	
%RSD		4.269	1.434	

L10KGC 6/2/2010 21:07:41 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		73.167%	96.480	85.870
%RSD		4.262	1.355	9.782
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10050.000	9529.000	M 8937.000
%RSD		2.129	0.560	M 1.879
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	10970.000	8843.000
%RSD		0.000	1.979	2.115
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.009%	84.738%	88.530
%RSD		2.284	1.338	4.474
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		89.960	89.920	33.700
%RSD		1.710	1.446	10.470
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		92.460	10290.000	90.680
%RSD		2.266	0.761	0.491
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		94.040	94.720	95.810
%RSD		1.612	1.825	1.203
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		84.316%	91.100	-0.084
%RSD		0.239	0.949	158.200
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		88.970	89.930	87.710
%RSD		0.761	1.483	2.846
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	95.990	-14.170
%RSD		0.000	1.887	397.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		92.780	86.208%	90.780
%RSD		0.526	0.173	1.060
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		91.890	94.310	0.000
%RSD		1.592	0.952	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	87.140	86.030
%RSD		0.000	3.756	2.193
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		88.140	93.701%	
%RSD		1.177	0.640	

L1P78 6/2/2010 21:12:34 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		69.072%	-0.028	M 205.900
%RSD		3.938	410.300	M 7.618
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14470.000	25530.000	32.910
%RSD		1.963	2.202	6.514
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		0.000	5938.000	M 204300.000
%RSD		0.000	1.238	M 0.991
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		81.430%	81.296%	1.481
%RSD		0.949	1.029	33.860
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.203	0.809	-2.485
%RSD		22.420	7.446	80.320
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		644.000	6630.000	0.459
%RSD		0.592	0.544	13.270
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		2.995	1.382	6.674
%RSD		6.944	11.950	5.281
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		81.370%	4.745	0.233
%RSD		1.033	8.328	46.400
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.358	M 1106.000	1.280
%RSD		30.070	M 0.466	8.070
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.037	-8.899
%RSD		0.000	6.881	113.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.051	83.425%	0.571
%RSD		46.610	0.740	10.260
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.620	130.800	0.000
%RSD		0.983	0.739	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.686	0.248
%RSD		0.000	14.010	13.630
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.193	87.047%	
%RSD		3.014	1.346	

L1P78L 6/2/2010 21:17:12 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		74.187%	-0.162	39.220
%RSD		5.254	0.000	23.280
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2970.000	5277.000	6.508
%RSD		0.737	5.126	25.120
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1223.000	41390.000
%RSD		T 0.000	0.975	1.300
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		86.221%	85.665%	0.312
%RSD		1.563	0.548	0.667
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.670	0.163	-2.342
%RSD		13.000	29.950	31.780
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		131.200	1365.000	0.078
%RSD		1.368	1.521	22.490
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.144	0.383	13.000
%RSD		16.160	16.660	6.328
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		87.546%	0.878	0.085
%RSD		1.657	13.710	76.420
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.097	M 221.100	0.359
%RSD		150.400	M 0.713	15.610
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.008	-1.046
%RSD		0.000	34.960	209.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.012	88.527%	0.256
%RSD		179.100	0.560	7.316
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.164	25.370	0.000
%RSD		17.520	1.407	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.139	0.079
%RSD		0.000	2.908	1.910
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.036	95.709%	
%RSD		11.090	0.625	

CCV 9 6/2/2010 21:21:42 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		76.039%	99.220%	92.230%
%RSD		16.129	2.285	5.918
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 99.525%	102.138%	101.383%
%RSD		T 1.643	0.755	1.095
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	116.567%	97.602%
%RSD		T 0.000	2.256	5.435
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		88.688%	88.591%	109.850%
%RSD		1.896	0.628	0.097
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		102.412%	100.304%	36.530
%RSD		1.166	0.697	14.760
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		99.013%	T 101.647%	99.650%
%RSD		2.073	T 1.140	0.618
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		101.059%	100.795%	99.130%
%RSD		2.800	1.539	1.169
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		86.667%	100.894%	-0.572
%RSD		1.214	1.187	33.740
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.392%	99.418%	103.428%
%RSD		1.850	0.365	1.684
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.502%	52.150
%RSD		0.000	1.233	196.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		99.598%	88.586%	100.334%
%RSD		0.652	0.781	0.227
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.370%	103.142%	0.000
%RSD		0.971	0.307	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	103.721%	98.071%
%RSD		0.000	2.825	1.066
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.126%	90.770%	
%RSD		0.820	1.548	

CCB 9 6/2/2010 21:26:56 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		78.845%	-0.102	0.299
%RSD		3.046	103.500	1052.000
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		23.200	28.660	0.308
%RSD		8.488	31.280	261.100
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	30.350	63.770
%RSD		T0.000	85.840	71.640
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.837%	90.466%	0.064
%RSD		2.533	2.060	314.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.006	-0.023	0.109
%RSD		1936.000	98.310	718.600
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.311	16.540	0.020
%RSD		14.120	3.101	30.430
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.006	0.066	0.057
%RSD		343.500	37.050	354.300
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.323%	-0.038	-0.003
%RSD		0.863	415.100	1423.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.284	0.078	0.255
%RSD		27.050	27.040	15.210
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.041	0.394
%RSD		0.000	24.830	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.052	93.377%	0.253
%RSD		56.450	1.802	16.230
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.147	0.034	0.000
%RSD		8.991	44.670	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.321	0.259
%RSD		0.000	6.762	10.470
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.045	102.829%	
%RSD		3.812	1.001	

MISCELLANEOUS DATA

Metals Internal Chain of Custody

Date Prepared: 06/01/10 **Prep Analyst:** Lisa McGall

Laboratory Sample ID			Lab ID	Method	Analysis Date	Analyst	Instrument
A0E280509	3		L179V F	SW846 6010B	06/04/10	Natalie Bucklew	I5
A0E280509	3		L179V F	SW846 6010B	06/04/10	Natalie Musselman	I5
A0E280509	3		L179V	SW846 6010B	06/04/10	Natalie Bucklew	I5
A0E280509	3		L179V	SW846 6010B	06/04/10	Natalie Musselman	I5
A0E280509	3	S	L179V F	SW846 6010B	06/04/10	Natalie Bucklew	I5
A0E280509	3	S	L179V F	SW846 6010B	06/04/10	Natalie Musselman	I5
A0E280509	3	S	L179V	SW846 6010B	06/04/10	Natalie Bucklew	I5
A0E280509	3	S	L179V	SW846 6010B	06/04/10	Natalie Musselman	I5
A0E280509	3	D	L179V F	SW846 6010B	06/04/10	Natalie Bucklew	I5
A0E280509	3	D	L179V F	SW846 6010B	06/04/10	Natalie Musselman	I5
A0E280509	3	D	L179V	SW846 6010B	06/04/10	Natalie Bucklew	I5
A0E280509	3	D	L179V	SW846 6010B	06/04/10	Natalie Musselman	I5
A0E280509	3		L179V F	SW846 6020	06/02/10	Roger Toth	I8
A0E280509	3		L179V	SW846 6020	06/02/10	Roger Toth	I8
A0E280509	3	S	L179V F	SW846 6020	06/02/10	Roger Toth	I8
A0E280509	3	S	L179V	SW846 6020	06/02/10	Roger Toth	I8
A0E280509	3	D	L179V F	SW846 6020	06/02/10	Roger Toth	I8
A0E280509	3	D	L179V	SW846 6020	06/02/10	Roger Toth	I8
A0E280509	4		L1796 F	SW846 6010B	06/04/10	Natalie Bucklew	I5
A0E280509	4		L1796 F	SW846 6010B	06/04/10	Natalie Musselman	I5
A0E280509	4		L1796 F	SW846 6020	06/02/10	Roger Toth	I8
A0E280509	5		L1798 F	SW846 6010B	06/04/10	Natalie Bucklew	I5
A0E280509	5		L1798 F	SW846 6010B	06/04/10	Natalie Musselman	I5

U - Unfiltered F - Filtered T - TCLP L - SPLP East W - SPLP West

Metals Internal Chain of Custody

Date Prepared: 06/01/10 **Prep Analyst:** Lisa McGall

Laboratory Sample ID		Lab ID	Method	Analysis Date	Analyst	Instrument
A0E280509	5	L1798 F	SW846 6020	06/02/10	Roger Toth	I8
A0E280509	6	L18AA F	SW846 6010B	06/04/10	Natalie Bucklew	I5
A0E280509	6	L18AA F	SW846 6010B	06/04/10	Natalie Musselman	I5
A0E280509	6	L18AA F	SW846 6020	06/02/10	Roger Toth	I8

U - Unfiltered F - Filtered T - TCLP L - SPLP East W - SPLP West

METALS PREPARATION SUMMARY

Preparation Type	Matrix	Amount of Standard added to LCS & MS/MSD		Initial Sample Vol/Wt	Final Sample Volume
		Amount	Standard name		
ICP	water	1 mL 1 mL 1.0 mL	Ag ICP-1 ICP-2A	50 mL	50 mL
ICPMS	water	0.5ml 0.5ml	ICPMS-1 ICPMS-2	50 mL	50 mL
Hg - CVAA	water	5 mL (LCS) 1 mL (MS/MSD)	HG-1 HG-1	100 mL	100 mL
Hg - CVAF (low level)	water	0.2 mL (LCS/MS/MSD)	HG ICAL	40 ml	40 ml
ICP	solid	2 mL 2 mL 2 mL	Ag ICP-1 ICP-2A	1.00 +/- .02g	100 mL
ICPMS	solid	1ml 1ml	ICPMS-1 ICPMS-2	1.00 +/- .02g	100ml
Hg - CVAA	solid	5 mL (LCS) 1 mL (MS/MSD)	HG-1 HG-1	0.60 +/- .01g	100 mL
ICP	TCLP	1 mL (LCS) 1 mL(LCS)	Ag ICP-1	50 mL	50 mL
ICP	TCLP	0.5 mL(MS/MSD)	TCLP Spike I RCRA	50 mL	50 mL
ICP	TCLP	1 mL(MS/MSD)	TCLP Spike II Non-RCRA	50 mL	50 mL
Hg - CVAA	TCLP	5 mL (LCS) 5 mL (MS/MSD)	HG-1 HG-1	100 mL	100 mL

Mercury Standards Preparation				
Final Concentration		Spiking Standard		
		Amount	Standard	Concentration
Calibration Standards:				
0.0002 ppm		0.2 mL	HG-2	0.1 ppm
0.0005 ppm		0.5 mL	HG-2	0.1 ppm
0.001 ppm		1 mL	HG-2	0.1 ppm
0.005 ppm		5 mL	HG-2	0.1 ppm
0.010 ppm		10 mL	HG-2	0.1 ppm
ICV Preparation				
0.0025 ppm		2.5 mL	HG-1	0.1 ppm
CCV Preparation:				
0.005 ppm		5 mL	HG-2	0.1 ppm

Low Level Mercury Standards Preparation				
Final Concentration		Spiking Standard		
		Amount	Standard	Concentration
Calibration Standards:				
0.5 ppt		20 ul	HG ICAL	1.0 ppb
1.0 ppt		40 ul	HG ICAL	1.0 ppb
2 ppt		80 ul	HG ICAL	1.0 ppb
5 ppt		200 ul	HG ICAL	1.0 ppb
10 ppt		400 ul	HG ICAL	1.0 ppb
25 ppt		1000 ul	HG ICAL	1.0 ppb
ICV Preparation				
5 ppt		200 ul	HG ICV	1.0 ppb
CCV Preparation:				
5 ppt		200 ul	HG ICAL	1.0 ppb

TestAmerica North Canton
Revised 1/9/07
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SPIKING STANDARD DEFINITIONS

Elements	Ag	ICP-1	ICP-2A	ICPMS-1	ICPMS-2	HG-1	HG-2	HG ICAL	HG ICV	TCLP Spike I	TCLP Spike II
Ag	2.5 ppm			10ppm						100 ppm	
Al		100 ppm			1000ppm						100 ppm
As		100 ppm		10ppm						500 ppm	
Ba		100 ppm		10ppm						5000 ppm	
Be		2.5 ppm		10ppm							2.5 ppm
Cd		2.5 ppm		10ppm						100 ppm	
Ca			2500 ppm		1000ppm						
Co		25 ppm		10ppm							25 ppm
Cr		10 ppm		10ppm						500 ppm	
Cu		12.5 ppm		10ppm							12.5 ppm
Fe		50 ppm			1000ppm						50 ppm
Hg						0.1 ppm	0.1 ppm	1.0 ppb	1.0 ppb		
K			2500 ppm		1000ppm						
Mg			2500 ppm		1000ppm						
Mn		25 ppm		10ppm							25 ppm
Na			2500 ppm		1000ppm						
Ni		25 ppm		10ppm							25 ppm
Pb		25 ppm		10ppm						500 ppm	
Sb		25 ppm		10ppm							25 ppm
Se		100 ppm		10ppm						100 ppm	
Tl		100 ppm		10ppm							100 ppm
V		25 ppm		10ppm							25 ppm
Zn		25 ppm		10ppm							25 ppm
B		50 ppm		10ppm							50 ppm
Sr		50 ppm		10ppm							
Mo		50 ppm		10ppm							50 ppm
W		50 ppm		10ppm							
Sn		100 ppm		10ppm							100 ppm
Zr		50 ppm		10ppm							
Ti		50 ppm		10ppm							

TestAmerica North Canton
Revised 4/5/02
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DATE: 6.1.10

METALS PREPARATION REAGENTS/STANDARDS

Reagents and Standards listed on this form are used for the entire day's prep batches unless otherwise noted on the individual prep log.

REAGENT NAME	REAGENT NUMBER
1:1 HNO_3 (nitric acid)	OMR 366
1:1 HCl (hydrochloric acid)	OMR 339
HNO_3 (nitric acid)	OMR 316
HCl (hydrochloric acid)	OMR 334
$KMnO_4$ (potassium permanganate)	OMR 352
$K_2S_2O_8$ (potassium persulfate)	OMR 353
H_2O_2 (hydrogen peroxide)	OMR 166
H_2SO_4 (sulfuric acid)	OMR 317
HCl/HNO_3 (aqua regia)	OMR 367

STANDARD NAME	STANDARD/LOT NUMBER
ICP-1	OE217
ICP-2A	OE213
RCRA	—
non-RCRA	—
Ag	OE243
Hg	OF262
ICPMS-1	HPS1008912A HPS1008921B
ICPMS-2	HPS0930821

Filter Paper Lot #
K 1159 2821 A

Waters

Hg time in the water bath (HB1) 10:35

Hg time out of the water bath (HB1) 12:35

Solids

Hg time in the water bath (HB1) 12:45

Hg time out of the water bath (HB1) 1:15

Times listed are for the waters and solids for that day unless otherwise noted.

All solid batches were weighed on balance number B030 unless otherwise noted.

Daily Batch Level II Lisa McGee

Test America North Canton
Revision Date: 4/4/08
N:\Metals/Reagent2.doc

Hg Standard Curve Preparation Summary

Date: 6.1.10

Time In: 8:35

Time Out: 10:35

Standard Concentrations	Standard Numbers
S0	
0.2 ppb	
CRA - 0.2 ppb	
0.5 ppb	
1.0 ppb	STD 0F263
5.0 ppb	
10.0 ppb	
CCV - 5.0 ppb	
CCB	
ICV - 2.5 ppb	STD 0F262
ICB	

GENERAL CHEMISTRY DATA

SAMPLE DATA

TRW Automotive

Client Sample ID: SW-LJ01-201005270800

General Chemistry

Lot-Sample #...: A0E280509-003 **Work Order #...:** L179V **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**139**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	ND	0.50	mg/L	SW846 9056A	05/29/10	0152273
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.60**	**0.50**	**mg/L**	**SW846 9056A**	**06/02/10**	**0154316**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	06/02/10	0154314
		Dilution Factor: 1				
Dissolved Chloride	**10.1**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152279**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	06/02/10	0154315
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.90**	**0.10**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152274**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1				
Dissolved Sulfate	**9.1**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152282**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-LJ02-201005270850

General Chemistry

Lot-Sample #...: A0E280509-004 **Work Order #...:** L1796 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:50 **Date Received..:** 05/28/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**144**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**1.1**	**0.50**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152273**
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**1.5**	**0.50**	**mg/L**	**SW846 9056A**	**06/02/10**	**0154316**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1				
Dissolved Chloride	ND	1.0	mg/L	SW846 9056A	05/29/10	0152279
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.10**	**0.10**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152274**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1				
Dissolved Sulfate	**6.5**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152282**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-LJ03-201005270920

General Chemistry

Lot-Sample #...: A0E280509-005 **Work Order #...:** L1798 **Matrix.....:** WG
Date Sampled...: 05/27/10 09:20 **Date Received..:** 05/28/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**140**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.70**	**0.50**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152273**
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**1.0**	**0.50**	**mg/L**	**SW846 9056A**	**06/02/10**	**0154316**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1				
Dissolved Chloride	**10.3**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152279**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.90**	**0.10**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152274**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1				
Dissolved Sulfate	**9.3**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152282**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: EB01-20100527

General Chemistry

Lot-Sample #...: A0E280509-006 **Work Order #...:** L18AA **Matrix.....:** WQ
Date Sampled...: 05/27/10 11:30 **Date Received..:** 05/28/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.83**	**0.50**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152273**
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.70**	**0.50**	**mg/L**	**SW846 9056A**	**06/02/10**	**0154316**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1				
Dissolved Chloride	ND	1.0	mg/L	SW846 9056A	05/29/10	0152279
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1				
Dissolved Nitrate as N	ND	0.10	mg/L	SW846 9056A	05/29/10	0152274
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1				
Dissolved Sulfate	ND	1.0	mg/L	SW846 9056A	05/29/10	0152282
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity		Work Order #: L2JMT1AA		MB Lot-Sample #:	A0F050000-023	
	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1				
Carbonate Alkalinity		Work Order #: L2JM31AA		MB Lot-Sample #:	A0F050000-026	
	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Total Phosphorus, Dissolved		Work Order #: L2E811AA		MB Lot-Sample #:	A0F030000-384	
	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		Work Order #: L2ARH1AA		MB Lot-Sample #:	A0F010000-273	
	ND	0.50	mg/L	SW846 9056A	05/28/10	0152273
		Dilution Factor: 1				
Dissolved ortho-Phosphate		Work Order #: L2E1C1AA		MB Lot-Sample #:	A0F030000-316	
	ND	0.50	mg/L	SW846 9056A	06/02/10	0154316
		Dilution Factor: 1				
Dissolved Ammonia as N		Work Order #: L2KF31AA		MB Lot-Sample #:	A0F070000-342	
	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide		Work Order #: L2CFJ1AA		MB Lot-Sample #:	A0F020000-100	
	ND	0.50	mg/L	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1				
Dissolved Bromide		Work Order #: L2E011AA		MB Lot-Sample #:	A0F030000-314	
	ND	0.50	mg/L	SW846 9056A	06/02/10	0154314
		Dilution Factor: 1				
Dissolved Chloride		Work Order #: L2ARN1AA		MB Lot-Sample #:	A0F010000-279	
	ND	1.0	mg/L	SW846 9056A	05/28/10	0152279
		Dilution Factor: 1				
Dissolved Fluoride		Work Order #: L2CFG1AA		MB Lot-Sample #:	A0F020000-101	
	ND	1.0	mg/L	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1				
Dissolved Fluoride		Work Order #: L2E021AA		MB Lot-Sample #:	A0F030000-315	
	ND	1.0	mg/L	SW846 9056A	06/02/10	0154315
		Dilution Factor: 1				
Dissolved Nitrate as N		Work Order #: L2ARJ1AA		MB Lot-Sample #:	A0F010000-274	
	ND	0.10	mg/L	SW846 9056A	05/28/10	0152274
		Dilution Factor: 1				
Dissolved Nitrite		Work Order #: L2ARK1AA		MB Lot-Sample #:	A0F010000-275	
	ND	0.10	mg/L	SW846 9056A	05/28/10	0152275
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Sulfate		Work Order #: L2ART1AA		MB Lot-Sample #:	A0F010000-282	
	ND	1.0	mg/L	SW846 9056A	05/28/10	0152282
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved		Work Order #: L2E811AC	LCS Lot-Sample#: A0F030000-384		
	90	(53 - 134)	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved			Work Order #: L2E811AC		LCS Lot-Sample#: A0F030000-384		
	2.6	2.3	mg/L	90	SM18 4500-P E	06/03/10	0154384
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate	WO#:L2ARH1AC-LCS/L2ARH1AD-LCSD LCS Lot-Sample#: A0F010000-273						
	84 N	(90 - 110)			SW846 9056A	05/28/10	0152273
	84 N	(90 - 110)	0.0	(0-20)	SW846 9056A	05/28/10	0152273
	Dilution Factor: 1						
Dissolved ortho-Phosphate	WO#:L2E1C1AC-LCS/L2E1C1AD-LCSD LCS Lot-Sample#: A0F030000-316						
	100	(90 - 110)			SW846 9056A	06/02/10	0154316
	100	(90 - 110)	0.0	(0-20)	SW846 9056A	06/02/10	0154316
	Dilution Factor: 1						
Dissolved Bromide	WO#:L2CFJ1AC-LCS/L2CFJ1AD-LCSD LCS Lot-Sample#: A0F020000-100						
	98	(90 - 110)			SW846 9056A	06/01/10	0153100
	95	(90 - 110)	3.1	(0-20)	SW846 9056A	06/01/10	0153100
	Dilution Factor: 1						
Dissolved Bromide	WO#:L2E011AC-LCS/L2E011AD-LCSD LCS Lot-Sample#: A0F030000-314						
	97	(90 - 110)			SW846 9056A	06/02/10	0154314
	95	(90 - 110)	2.1	(0-20)	SW846 9056A	06/02/10	0154314
	Dilution Factor: 1						
Dissolved Chloride	WO#:L2ARN1AC-LCS/L2ARN1AD-LCSD LCS Lot-Sample#: A0F010000-279						
	97	(90 - 110)			SW846 9056A	05/28/10	0152279
	97	(90 - 110)	0.20	(0-20)	SW846 9056A	05/28/10	0152279
	Dilution Factor: 1						
Dissolved Fluoride	WO#:L2CFG1AC-LCS/L2CFG1AD-LCSD LCS Lot-Sample#: A0F020000-101						
	96	(90 - 110)			SW846 9056A	06/01/10	0153101
	96	(90 - 110)	0.0	(0-20)	SW846 9056A	06/01/10	0153101
	Dilution Factor: 1						
Dissolved Fluoride	WO#:L2E021AC-LCS/L2E021AD-LCSD LCS Lot-Sample#: A0F030000-315						
	100	(90 - 110)			SW846 9056A	06/02/10	0154315
	96	(90 - 110)	4.1	(0-20)	SW846 9056A	06/02/10	0154315
	Dilution Factor: 1						

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Nitrate as N	WO#:L2ARJ1AC-LCS/L2ARJ1AD-LCSD LCS Lot-Sample#: A0F010000-274						
	96	(90 - 110)			SW846 9056A	05/28/10	0152274
	96	(90 - 110)	0.0	(0-20)	SW846 9056A	05/28/10	0152274
	Dilution Factor: 1						
Dissolved Nitrite	WO#:L2ARK1AC-LCS/L2ARK1AD-LCSD LCS Lot-Sample#: A0F010000-275						
	108	(90 - 110)			SW846 9056A	05/28/10	0152275
	104	(90 - 110)	3.8	(0-20)	SW846 9056A	05/28/10	0152275
	Dilution Factor: 1						
Dissolved Sulfate	WO#:L2ART1AC-LCS/L2ART1AD-LCSD LCS Lot-Sample#: A0F010000-282						
	93	(90 - 110)			SW846 9056A	05/28/10	0152282
	93	(90 - 110)	0.21	(0-20)	SW846 9056A	05/28/10	0152282
	Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		WO#:L2ARH1AC-LCS/L2ARH1AD-LCSD				LCS Lot-Sample#: A0F010000-273		
	2.5	2.1 N	mg/L	84		SW846 9056A	05/28/10	0152273
	2.5	2.1 N	mg/L	84	0.0	SW846 9056A	05/28/10	0152273
		Dilution Factor: 1						
Dissolved ortho-Phosphate		WO#:L2E1C1AC-LCS/L2E1C1AD-LCSD				LCS Lot-Sample#: A0F030000-316		
	2.5	2.5	mg/L	100		SW846 9056A	06/02/10	0154316
	2.5	2.5	mg/L	100	0.0	SW846 9056A	06/02/10	0154316
		Dilution Factor: 1						
Dissolved Bromide		WO#:L2CFJ1AC-LCS/L2CFJ1AD-LCSD				LCS Lot-Sample#: A0F020000-100		
	10.0	9.8	mg/L	98		SW846 9056A	06/01/10	0153100
	10.0	9.5	mg/L	95	3.1	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1						
Dissolved Bromide		WO#:L2E011AC-LCS/L2E011AD-LCSD				LCS Lot-Sample#: A0F030000-314		
	10.0	9.7	mg/L	97		SW846 9056A	06/02/10	0154314
	10.0	9.5	mg/L	95	2.1	SW846 9056A	06/02/10	0154314
		Dilution Factor: 1						
Dissolved Chloride		WO#:L2ARN1AC-LCS/L2ARN1AD-LCSD				LCS Lot-Sample#: A0F010000-279		
	50.0	48.6	mg/L	97		SW846 9056A	05/28/10	0152279
	50.0	48.7	mg/L	97	0.20	SW846 9056A	05/28/10	0152279
		Dilution Factor: 1						
Dissolved Fluoride		WO#:L2CFG1AC-LCS/L2CFG1AD-LCSD				LCS Lot-Sample#: A0F020000-101		
	2.5	2.4	mg/L	96		SW846 9056A	06/01/10	0153101
	2.5	2.4	mg/L	96	0.0	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1						
Dissolved Fluoride		WO#:L2E021AC-LCS/L2E021AD-LCSD				LCS Lot-Sample#: A0F030000-315		
	2.5	2.5	mg/L	100		SW846 9056A	06/02/10	0154315
	2.5	2.4	mg/L	96	4.1	SW846 9056A	06/02/10	0154315
		Dilution Factor: 1						

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Nitrate as N		WO#:L2ARJ1AC-LCS/L2ARJ1AD-LCSD				LCS Lot-Sample#: A0F010000-274		
	2.5	2.4	mg/L	96		SW846 9056A	05/28/10	0152274
	2.5	2.4	mg/L	96	0.0	SW846 9056A	05/28/10	0152274
		Dilution Factor: 1						
Dissolved Nitrite		WO#:L2ARK1AC-LCS/L2ARK1AD-LCSD				LCS Lot-Sample#: A0F010000-275		
	2.5	2.7	mg/L	108		SW846 9056A	05/28/10	0152275
	2.5	2.6	mg/L	104	3.8	SW846 9056A	05/28/10	0152275
		Dilution Factor: 1						
Dissolved Sulfate		WO#:L2ART1AC-LCS/L2ART1AD-LCSD				LCS Lot-Sample#: A0F010000-282		
	50.0	46.4	mg/L	93		SW846 9056A	05/28/10	0152282
	50.0	46.3	mg/L	93	0.21	SW846 9056A	05/28/10	0152282
		Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N		Work Order #: L2KF31AC	LCS Lot-Sample#: A0F070000-342		
	91	(85 - 114)	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N			Work Order #: L2KF31AC		LCS Lot-Sample#: A0F070000-342		
	6.5	5.9	mg/L	91	SM18 4500 NH3 E	06/07/10	0158342
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved	WO#: L179V1GT-MS/L179V1GU-MSD MS Lot-Sample #: A0E280509-003						
	101	(10 - 199)			SM18 4500-P E	06/03/10	0154384
	100	(10 - 199)	0.37	(0-46)	SM18 4500-P E	06/03/10	0154384
	Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved			WO#: L179V1GT-MS/L179V1GU-MSD				MS Lot-Sample #: A0E280509-003		
	ND	0.50	0.54	mg/L	101		SM18 4500-P E	06/03/10	0154384
	ND	0.50	0.54	mg/L	100	0.37	SM18 4500-P E	06/03/10	0154384
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		WO#: L179V1GP-MS/L179V1GQ-MSD				MS Lot-Sample #: A0E280509-003	
	200 N	(80 - 120)			SW846 9056A	06/02/10	0154316
	216 N	(80 - 120)	6.9	(0-20)	SW846 9056A	06/02/10	0154316
		Dilution Factor: 1					
Dissolved Ammonia as N		WO#: L179V1C8-MS/L179V1C9-MSD				MS Lot-Sample #: A0E280509-003	
	63 N	(75 - 125)			SM18 4500 NH3 E	06/07/10	0158342
	91 *	(75 - 125)	33	(0-20)	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1					
Dissolved Bromide		WO#: L179V1DF-MS/L179V1DG-MSD				MS Lot-Sample #: A0E280509-003	
	101	(80 - 120)			SW846 9056A	06/02/10	0154314
	100	(80 - 120)	0.99	(0-20)	SW846 9056A	06/02/10	0154314
		Dilution Factor: 1					
Dissolved Chloride		WO#: L179V1C5-MS/L179V1C6-MSD				MS Lot-Sample #: A0E280509-003	
	93	(80 - 120)			SW846 9056A	05/29/10	0152279
	89	(80 - 120)	3.6	(0-20)	SW846 9056A	05/29/10	0152279
		Dilution Factor: 1					
Dissolved Fluoride		WO#: L179V1DJ-MS/L179V1DK-MSD				MS Lot-Sample #: A0E280509-003	
	116	(80 - 120)			SW846 9056A	06/02/10	0154315
	116	(80 - 120)	0.0	(0-20)	SW846 9056A	06/02/10	0154315
		Dilution Factor: 1					
Dissolved Nitrate as N		WO#: L179V1DM-MS/L179V1DN-MSD				MS Lot-Sample #: A0E280509-003	
	92	(90 - 110)			SW846 9056A	05/29/10	0152274
	96	(90 - 110)	3.1	(0-20)	SW846 9056A	05/29/10	0152274
		Dilution Factor: 1					
Dissolved Nitrite		WO#: L179V1DQ-MS/L179V1DR-MSD				MS Lot-Sample #: A0E280509-003	
	108	(90 - 110)			SW846 9056A	05/29/10	0152275
	104	(90 - 110)	3.8	(0-20)	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1					
Dissolved Sulfate		WO#: L179V1DX-MS/L179V1D0-MSD				MS Lot-Sample #: A0E280509-003	
	88 N	(90 - 110)			SW846 9056A	05/29/10	0152282
	84 N	(90 - 110)	3.3	(0-20)	SW846 9056A	05/29/10	0152282
		Dilution Factor: 1					

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate			WO#: L179V1GP-MS/L179V1GQ-MSD				MS Lot-Sample #: A0E280509-003		
	0.60	2.5	5.6 N	mg/L	200		SW846 9056A	06/02/10	0154316
	0.60	2.5	6.0 N	mg/L	216	6.9	SW846 9056A	06/02/10	0154316
			Dilution Factor: 1						
Dissolved Ammonia as N			WO#: L179V1C8-MS/L179V1C9-MSD				MS Lot-Sample #: A0E280509-003		
	ND	4.0	2.8 N	mg/L	63		SM18 4500 NH3	06/07/10	0158342
	ND	4.0	3.9 *	mg/L	91	33	SM18 4500 NH3	06/07/10	0158342
			Dilution Factor: 1						
Dissolved Bromide			WO#: L179V1DF-MS/L179V1DG-MSD				MS Lot-Sample #: A0E280509-003		
	ND	10.0	10.1	mg/L	101		SW846 9056A	06/02/10	0154314
	ND	10.0	10.0	mg/L	100	0.99	SW846 9056A	06/02/10	0154314
			Dilution Factor: 1						
Dissolved Chloride			WO#: L179V1C5-MS/L179V1C6-MSD				MS Lot-Sample #: A0E280509-003		
	10.1	50.0	56.7	mg/L	93		SW846 9056A	05/29/10	0152279
	10.1	50.0	54.7	mg/L	89	3.6	SW846 9056A	05/29/10	0152279
			Dilution Factor: 1						
Dissolved Fluoride			WO#: L179V1DJ-MS/L179V1DK-MSD				MS Lot-Sample #: A0E280509-003		
	ND	2.5	3.0	mg/L	116		SW846 9056A	06/02/10	0154315
	ND	2.5	3.0	mg/L	116	0.0	SW846 9056A	06/02/10	0154315
			Dilution Factor: 1						
Dissolved Nitrate as N			WO#: L179V1DM-MS/L179V1DN-MSD				MS Lot-Sample #: A0E280509-003		
	0.90	2.5	3.2	mg/L	92		SW846 9056A	05/29/10	0152274
	0.90	2.5	3.3	mg/L	96	3.1	SW846 9056A	05/29/10	0152274
			Dilution Factor: 1						
Dissolved Nitrite			WO#: L179V1DQ-MS/L179V1DR-MSD				MS Lot-Sample #: A0E280509-003		
	ND	2.5	2.7	mg/L	108		SW846 9056A	05/29/10	0152275
	ND	2.5	2.6	mg/L	104	3.8	SW846 9056A	05/29/10	0152275
			Dilution Factor: 1						
Dissolved Sulfate			WO#: L179V1DX-MS/L179V1D0-MSD				MS Lot-Sample #: A0E280509-003		
	9.1	50.0	53.0 N	mg/L	88		SW846 9056A	05/29/10	0152282
	9.1	50.0	51.3 N	mg/L	84	3.3	SW846 9056A	05/29/10	0152282
			Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Work Order #...:** L179V-SMP L179V-DUP **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	A0E280509-003	
	139	150	mg/L	7.0	(0-20)	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1						
Carbonate Alkalinity						SD Lot-Sample #:	A0E280509-003	
	ND	ND	mg/L	0	(0-20)	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1						

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Work Order #...:** L1839-SMP L1839-DUP **Matrix.....:** WATER

Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	A0E280605-001	
	67.7	67.5	mg/L	0.21	(0-20)	SM18 2320 B	06/05/10	0156023
		Dilution Factor: 1						
Carbonate Alkalinity						SD Lot-Sample #:	A0E280605-001	
	ND	ND	mg/L	0	(0-20)	SM18 2320 B	06/05/10	0156026
		Dilution Factor: 1						

SUPPORTIVE RAW DATA

Method: 300, 9056

0152274-275-277-278-279 -281-282

0152273

TestAmerica
North Canton
Ion Chromatography

DX Method: \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m Instrument : ic320.i Level 1 ..... Date 6/1/10 Date Analyzed: ########

Solids prep factor: 10 Maximum Cl / NO2 ratio: 1000 Level 11 ..... Date 6/1/10 Units: mg/L or mg/Kg

Inj #	Inj. Date	Sample ID	Matrix	Solids Prep factor	Dil	FLUORIDE RL	FLUORIDE Result	CHLORIDE RL	CHLORIDE Result	NITRITE RL	NITRITE Result	BROMIDE RL	BROMIDE Result	NITRATE-N RL	NITRATE-N Result	O-PHOS-P RL	O-PHOS-P Result	SULFATE RL	SULFATE Result
		RL & CCV value:				0.1	2.5	1	50	0.1	2.5	0.2	10	0.1	2.5	0.1	2.5	1	50
	17-May-10	Cal 5 conc & area				10	134779169	200	2.414E+09	10	190989927	50	159794323	10	2.26E+08	10	96153804	200	1.594E+09
1	5/28/2010 16:31	RINSE	L	1	1	0.1	ND	1	ND	0.1	ND	0.2	ND	0.1	ND	0.1	0.2	1	ND
2	5/28/2010 16:48	CCV	L	1	1	P 96%	2.4	P 98%	48.9	P 108%	2.7	P 93%	9.3	P 100%	2.5	Out 84%	2.1	P 94%	47.1
3	5/28/2010 17:06	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.2	Pass	ND
4	5/28/2010 17:23	LCS	L	1	1	P 92%	2.3	P 97%	48.7	P 108%	2.7	Out 89%	8.9	P 96%	2.4	Out 84%	2.1	P 93%	46.5
5	5/28/2010 17:41	LCS DUP	L	1	1	P 92%	2.3	P 97%	48.7	P 104%	2.6	Out 89%	8.9	P 96%	2.4	Out 84%	2.1	P 93%	46.4
6	5/28/2010 17:58	L16RE	L	1	2	0.2	0.2	2	12.6	0.2 G	ND	0.4 G	ND	0.2 G	ND	0.2	0.5	2	256.7
7	5/28/2010 18:15	L12MR	L	1	1	0.1	ND	1	0.2 B	0.1	ND	0.2	ND	0.1	ND	0.1	0.4	1	0.5 B
8	5/28/2010 18:33	L12MK	L	1	1	0.1	0.1	1	19	0.1	ND	0.2	ND	0.1	ND	0.1	0.6	1	12.6
9	5/28/2010 18:50	L12MM	L	1	1	0.1	0.1	1	8.8	0.1	ND	0.2	ND	0.1	0.7	0.1	0.2	1	11.6
10	5/28/2010 19:08	L12MN	L	1	1	0.1	ND	1	6.2	0.1	ND	0.2	ND	0.1	0.2	0.1	0.3	1	13.4
11	5/28/2010 19:25	L12MP ORG	L	1	1	0.1	0.1	1	35	0.1	ND	0.2	ND	0.1	ND	0.1	0.4	1	9.9
12	5/28/2010 19:42	L12MP MS	L	1	1	0.1	2.9	1	88.2	0.1	2.7	0.2	9.3	0.1	2.4	0.1	4.4	1	55.8
13	5/28/2010 20:00	CCV	L	1	1	P 96%	2.4	P 98%	49	P 104%	2.6	P 93%	9.3	P 96%	2.4	Out 88%	2.2	P 93%	46.5
14	5/28/2010 20:17	CCB	L	1	1	Pass	ND	Pass	0.1 B	Pass	ND	Pass	ND	Pass	ND	Out	0.3	Pass	ND
15	5/28/2010 20:35	LCS	L	1	1	P 92%	2.3	P 97%	48.6	P 104%	2.6	P 91%	9.1	P 96%	2.4	Out 84%	2.1	P 93%	46.4
16	5/28/2010 20:52	LCS DUP	L	1	1	P 92%	2.3	P 97%	48.7	P 104%	2.6	P 90%	9	P 92%	2.3	Out 84%	2.1	P 93%	46.3
17	5/28/2010 21:09	L1P4N ORG	L	1	1	0.1	0.1	1	ND	0.1	ND	0.2	ND	0.1	ND	0.1	0.3	1	ND
18	5/28/2010 21:27	L1P4N MS	L	1	1	0.1	2.7	1	42.5	0.1	2.6	0.2	8.9	0.1	2.4	0.1	4.1	1	41.3
19	5/28/2010 21:44	L1P4Q	L	1	1	0.1	0.2	1	9	0.1	ND	0.2	ND	0.1	ND	0.1	0.8	1	33.2
20	5/28/2010 22:02	L1P4R	L	1	1	0.1	0.2	1	98.8	0.1	ND	0.2	0.4	0.1	0.4	0.1	0.2	1	74.8
21	5/28/2010 22:19	L1P4V	L	1	1	0.1	0.1	1	117.7	0.118 G	ND	0.2	0.2	0.1	ND	0.1	0.2	1	199.3
22	5/28/2010 22:36	L1P4W	L	1	1	0.1	0.2	1	137.8	0.138 G	ND	0.2	ND	0.1	0.5	0.1	0.2	1	65.8
23	5/28/2010 22:54	L1P40	L	1	1	0.1	0.1	1	43.4	0.1	ND	0.2	ND	0.1	ND	0.1	0.3	1	61.7
24	5/28/2010 23:11	L1P42	L	1	5	0.5 G	0.1 B	5	52.2	0.5 G	ND	1 G	ND	0.5 G	0.3 B	0.5	1.1	5	Dil 10X
25	5/28/2010 23:29	CCV	L	1	1	P 92%	2.3	P 97%	48.3	P 104%	2.6	P 90%	9	P 96%	2.4	Out 88%	2.2	P 93%	46.3

G - diluted for another analyte or matrix
B - estimated result, < RL

nc_ic.xls
VER . 99 01 06

Method: 300, 9056

TestAmerica
North Canton
Ion Chromatography

DX Method: \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m Instrument : ic320.i Level 1.....Date..... Date Analyzed: ########

Solids prep factor: 10 Maximum Cl / NO2 ratio: 1000 Level 11.....Date..... Units: mg/L or mg/Kg

Inj #	Inj. Date	Sample ID	Matrix	Solids Prep factor	Dil	FLUORIDE		CHLORIDE		NITRITE		BROMIDE		NITRATE-N		O-PHOS-P		SULFATE	
						RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
		RL & CCV value:				0.1	2.5	1	50	0.1	2.5	0.2	10	0.1	2.5	0.1	2.5	1	50
	17-May-10	Cal 5 conc & area				10	134779169	200	2.414E+09	10	190989927	50	159794323	10	2.26E+08	10	96153804	200	1.594E+09
26	5/28/2010 23:46	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.2	Pass	ND
27	5/29/2010 0:03	L1P43	L	1	5	0.5 G	0.1 B	5	40.9	0.5 G	ND	1 G	ND	0.5 G	ND	0.5	1.1	5	347.1
28	5/29/2010 0:21	L1P44	L	1	1	0.1	0.4	1	39.5	0.1	ND	0.2	0.2	0.1	ND	0.1	0.2	1	36.7
29	5/29/2010 0:38	L1P45	L	1	1	0.1	0.2	1	14.9	0.1	ND	0.2	ND	0.1	0.3	0.1	0.2	1	49
30	5/29/2010 0:56	L1P47	L	1	5	0.5 G	0.1 B	5	232	0.5 G	ND	1 G	ND	0.5 G	ND	0.5	1.1	5	390.6
31	5/29/2010 1:13	L1P48	L	1	5	0.5 G	0.1 B	5	171.3	0.5 G	ND	1 G	ND	0.5	5.6	0.5	1.1	5	172.6
32	5/29/2010 1:30	L1P49	L	1	5	0.5 G	0.1 B	5	171.4	0.5 G	ND	1 G	ND	0.5	5.7	0.5	1.1	5	170.2
33	5/29/2010 1:48	L1P5A	L	1	1	0.1	0.1	1	69.1	0.1	ND	0.2	0.4	0.1	3.8	0.1	0.2	1	79.3
34	5/29/2010 2:05	L1P5C ORG	L	1	1	0.1	0.2	1	71.2	0.1	ND	0.2	0.3	0.1	ND	0.1	0.2	1	30.5
35	5/29/2010 2:23	L1P5C MS	L	1	1	0.1	2.7	1	123.8	0.124 G	2.7	0.2	9.1	0.1	2.3	0.1	3.9	1	79
36	5/29/2010 2:40	L1P5E	L	1	1	0.1	0.3	1	85.9	0.1	ND	0.2	0.5	0.1	0.5	0.1	0.2	1	42.1
37	5/29/2010 2:57	CCV	L	1	1	P 92%	2.3	P 97%	48.6	P 104%	2.6	P 90%	9	P 96%	2.4	P 92%	2.3	P 93%	46.7
38	5/29/2010 3:15	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.2	Pass	ND
39	5/29/2010 3:32	L1P5F	L	1	1	0.1	0.3	1	107.8	0.108 G	ND	0.2	0.5	0.1	ND	0.1	0.3	1	28.2
40	5/29/2010 3:50	L179V ORG	L	1	1	0.1	0.1	1	10.1	0.1	ND	0.2	ND	0.1	0.9	0.1	0.4	1	9.1
41	5/29/2010 4:07	L179V MS	L	1	1	0.1	2.5	1	56.7	0.1	2.7	0.2	8.5	0.1	3.2	0.1	4	1	53
42	5/29/2010 4:24	L179V MSD	L	1	1	96%	2.5	89%	54.7	104%	2.6	86%	8.6	96%	3.3	164%	4.5	84%	51.3
43	5/29/2010 4:42	~~L179C~~ L1796	L	1	1	0.1	0.1	1	0.8 B	0.1	ND	0.2	ND	0.1	0.1	0.1	1.1	1	6.5
44	5/29/2010 4:59	L18AA	L	1	1	0.1	0.2	1	0.1 B	0.1	ND	0.2	ND	0.1	ND	0.1	0.4	1	ND
45	5/29/2010 5:17	L1798	L	1	1	0.1	0.1	1	10.3	0.1	ND	0.2	ND	0.1	0.9	0.1	0.7	1	9.3
46	5/29/2010 5:34	L1NK6	L	1	1	0.1	0.2	1	21.6	0.1	ND	0.2	ND	0.1	ND	0.1	0.4	1	Dil 10X
47	5/29/2010 5:51	L1NLN	L	1	1	0.1	0.2	1	7.1	0.1	ND	0.2	ND	0.1	ND	0.1	0.3	1	Dil 10X
48	5/29/2010 6:09	L1NL1	L	1	1	0.1	0.1	1	8.9	0.1	ND	0.2	ND	0.1	ND	0.1	0.2	1	Dil 10X
49	5/29/2010 6:26	CCV	L	1	1	Out 88%	2.2	P 97%	48.6	P 100%	2.5	Out 86%	8.6	P 92%	2.3	Out 84%	2.1	P 94%	46.8
50	5/29/2010 6:44	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.3	Pass	ND

SS loc CHIO

NCM

G - diluted for another analyte or matrix
B - estimated result, < RL

nc_ic.xls
VER . 99 01 06

Method: 300, 9056

TestAmerica
North Canton
Ion Chromatography

DX Method: \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m Instrument : ic320.i Level 1.....Date..... Date Analyzed: ########

Solids prep factor: 10 Maximum Cl / NO2 ratio: 1000 Level 11.....Date..... Units: mg/L or mg/Kg

Inj #	Inj. Date	Sample ID	Matrix	Solids Prep factor	Dil	FLUORIDE		CHLORIDE		NITRITE		BROMIDE		NITRATE-N		O-PHOS-P		SULFATE	
						RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
		RL & CCV value:				0.1	2.5	1	50	0.1	2.5	0.2	10	0.1	2.5	0.1	2.5	1	50
	17-May-10	Cal 5 conc & area				10	134779169	200	2.414E+09	10	190989927	50	159794323	10	2.26E+08	10	96153804	200	1.594E+09
51	5/29/2010 7:01	L1NL3	L	1	1	0.1	0.2	1	9	0.1	ND	0.2	ND	0.1	ND	0.1	0.2	1	Dil 10X
52	5/29/2010 7:18	L1NL4	L	1	1	0.1	0.9	1	2.4	0.1	ND	0.2	ND	0.1	ND	0.1	0.2	1	Dil 2X
53	5/29/2010 7:36	L1NLC	L	1	1	0.1	0.3	1	7	0.1	ND	0.2	ND	0.1	ND	0.1	0.2	1	Dil 10X
54	5/29/2010 7:53	L1NLD ORG	L	1	1	0.1	0.1	1	16	0.1	ND	0.2	ND	0.1	ND	0.1	0.2	1	Dil 10X
55	5/29/2010 8:10	L1NLD MS	L	1	1	0.1	2.5	1	65	0.1	2.5	0.2	8.1	0.1	2.1	0.1	3.2	1	Dil 10X
56	5/29/2010 8:28	L1NLE	L	1	1	0.1	0.6	1	6.5	0.1	ND	0.2	ND	0.1	ND	0.1	0.7	1	Dil 20X
57	5/29/2010 8:45	L1NLH	L	1	1	0.1	0.9	1	5.1	0.1	ND	0.2	ND	0.1	ND	0.1	0.4	1	Dil 5X
58	5/29/2010 9:03	L1NLJ	L	1	1	0.1	0.8	1	5.1	0.1	ND	0.2	ND	0.1	ND	0.1	0.3	1	Dil 10X
59	5/29/2010 9:20	L1NLK	L	1	1	0.1	0.8	1	5.1	0.1	ND	0.2	ND	0.1	ND	0.1	0.3	1	Dil 10X
60	5/29/2010 9:37	CCV	L	1	1	P 96%	2.4	P 97%	48.7	P 104%	2.6	P 91%	9.1	P 96%	2.4	Out 88%	2.2	P 94%	47.2
61	6/1/2010 10:51	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.2	Pass	ND
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!

G - diluted for another analyte or matrix
B - estimated result, < RL

nc_ic.xls
VER . 99 01 06

Sequence: 052810
Operator: wetchemnc
Printed: 6/1/2010 2:21:20 PM

Title:
Datasource: D2NJR9B1_local
Location: IC320\IC320-DATA 2010\DX320 MAY 2010
Timebase: IC320
#Samples: 62

Created: 5/28/2010 3:00:45 PM by wetchemnc
Last Update: 6/1/2010 1:52:00 PM by wetchemnc

No.	Name	Type	Program	Status	Inj. Date/Time	Comment
1	RINSE	Unknown	IC320_14min	Finished	5/28/2010 4:31:34 PM	ELUENT=WR00485
2	CCV,,2	Unknown	IC320_14min	Finished	5/28/2010 4:48:58 PM	CCV=IC0218
3	CCB	Unknown	IC320_14min	Finished	5/28/2010 5:06:22 PM	LCS=IC0217
4	LCS,,3	Unknown	IC320_14min	Finished	5/28/2010 5:23:46 PM	
5	LCS DUP,,3	Unknown	IC320_14min	Finished	5/28/2010 5:41:10 PM	
6	L16RE,2	Unknown	IC320_14min	Finished	5/28/2010 5:58:34 PM	
7	L12MR	Unknown	IC320_14min	Finished	5/28/2010 6:15:58 PM	
8	L12MK	Unknown	IC320_14min	Finished	5/28/2010 6:33:21 PM	
9	L12MM	Unknown	IC320_14min	Finished	5/28/2010 6:50:45 PM	
10	L12MN	Unknown	IC320_14min	Finished	5/28/2010 7:08:09 PM	
11	L12MP ORG	Unknown	IC320_14min	Finished	5/28/2010 7:25:32 PM	
12	L12MP MS,,3	Unknown	IC320_14min	Finished	5/28/2010 7:42:56 PM	
13	CCV,,2	Unknown	IC320_14min	Finished	5/28/2010 8:00:20 PM	
14	CCB	Unknown	IC320_14min	Finished	5/28/2010 8:17:44 PM	
15	LCS,,3	Unknown	IC320_14min	Finished	5/28/2010 8:35:08 PM	
16	LCS DUP,,3	Unknown	IC320_14min	Finished	5/28/2010 8:52:32 PM	
17	L1P4N ORG	Unknown	IC320_14min	Finished	5/28/2010 9:09:56 PM	
18	L1P4N MS,,3	Unknown	IC320_14min	Finished	5/28/2010 9:27:20 PM	
19	L1P4Q	Unknown	IC320_14min	Finished	5/28/2010 9:44:44 PM	
20	L1P4R	Unknown	IC320_14min	Finished	5/28/2010 10:02:08 PM	
21	L1P4V	Unknown	IC320_14min	Finished	5/28/2010 10:19:31 PM	
22	L1P4W	Unknown	IC320_14min	Finished	5/28/2010 10:36:55 PM	
23	L1P40	Unknown	IC320_14min	Finished	5/28/2010 10:54:18 PM	
24	L1P42,5	Unknown	IC320_14min	Finished	5/28/2010 11:11:42 PM	
25	CCV,,2	Unknown	IC320_14min	Finished	5/28/2010 11:29:05 PM	
26	CCB	Unknown	IC320_14min	Finished	5/28/2010 11:46:29 PM	
27	L1P43,5	Unknown	IC320_14min	Finished	5/29/2010 12:03:53 AM	
28	L1P44	Unknown	IC320_14min	Finished	5/29/2010 12:21:18 AM	
29	L1P45	Unknown	IC320_14min	Finished	5/29/2010 12:38:42 AM	
30	L1P47,5	Unknown	IC320_14min	Finished	5/29/2010 12:56:05 AM	
31	L1P48,5	Unknown	IC320_14min	Finished	5/29/2010 1:13:30 AM	
32	L1P49,5	Unknown	IC320_14min	Finished	5/29/2010 1:30:53 AM	
33	L1P5A	Unknown	IC320_14min	Finished	5/29/2010 1:48:17 AM	
34	L1P5C ORG	Unknown	IC320_14min	Finished	5/29/2010 2:05:41 AM	
35	L1P5C MS,,3	Unknown	IC320_14min	Finished	5/29/2010 2:23:05 AM	
36	L1P5E	Unknown	IC320_14min	Finished	5/29/2010 2:40:28 AM	
37	CCV,,2	Unknown	IC320_14min	Finished	5/29/2010 2:57:52 AM	
38	CCB	Unknown	IC320_14min	Finished	5/29/2010 3:15:16 AM	
39	L1P5F	Unknown	IC320_14min	Finished	5/29/2010 3:32:39 AM	
40	L179V ORG	Unknown	IC320_14min	Finished	5/29/2010 3:50:03 AM	
41	L179V MS,,3	Unknown	IC320_14min	Finished	5/29/2010 4:07:26 AM	
42	L179V MSD,,3	Unknown	IC320_14min	Finished	5/29/2010 4:24:50 AM	

Sequence: 052810
Operator: wetchemnc
Printed: 6/1/2010 2:21:20 PM

Title:
Datasource: D2NJR9B1_local
Location: IC320\IC320-DATA 2010\DX320 MAY 2010
Timebase: IC320
#Samples: 62

Created: 5/28/2010 3:00:45 PM by wetchemnc
Last Update: 6/1/2010 1:52:00 PM by wetchemnc

No.	Name	Type	Program	Status	Inj. Date/Time	Comment
43	L1796	Unknown	IC320_14min	Finished	5/29/2010 4:42:14 AM	
44	L18AA	Unknown	IC320_14min	Finished	5/29/2010 4:59:38 AM	
45	L1798	Unknown	IC320_14min	Finished	5/29/2010 5:17:02 AM	
46	L1NK6	Unknown	IC320_14min	Finished	5/29/2010 5:34:26 AM	
47	L1NLN	Unknown	IC320_14min	Finished	5/29/2010 5:51:50 AM	
48	L1NL1	Unknown	IC320_14min	Finished	5/29/2010 6:09:13 AM	
49	CCV,,2	Unknown	IC320_14min	Finished	5/29/2010 6:26:38 AM	
50	CCB	Unknown	IC320_14min	Finished	5/29/2010 6:44:01 AM	
51	L1NL3	Unknown	IC320_14min	Finished	5/29/2010 7:01:25 AM	
52	L1NL4	Unknown	IC320_14min	Finished	5/29/2010 7:18:49 AM	
53	L1NLC	Unknown	IC320_14min	Finished	5/29/2010 7:36:12 AM	
54	L1NLD ORG	Unknown	IC320_14min	Finished	5/29/2010 7:53:36 AM	
55	L1NLD MS,,3	Unknown	IC320_14min	Finished	5/29/2010 8:10:59 AM	
56	L1NLE	Unknown	IC320_14min	Finished	5/29/2010 8:28:23 AM	
57	L1NLH	Unknown	IC320_14min	Finished	5/29/2010 8:45:47 AM	
58	L1NLJ	Unknown	IC320_14min	Finished	5/29/2010 9:03:11 AM	
59	L1NLK	Unknown	IC320_14min	Finished	5/29/2010 9:20:34 AM	
60	CCV,,2	Unknown	IC320_14min	Finished	5/29/2010 9:37:58 AM	
61	CCB	Unknown	IC320_14min	Finished	6/1/2010 10:51:57 AM	
62	halt	Unknown	IC320_Halt	Finished	6/1/2010 11:09:21 AM	

loaded incorrectly, off by 1. CCB analyzed 6.1.10
SS

Report Date : 01-Jun-2010 12:56

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 17:19
End Cal Date : 17-MAY-2010 19:38
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Last Edit : 18-May-2010 11:07

Calibration File Names:
Level 1: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0008.d
Level 2: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0009.d
Level 3: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0010.d
Level 4: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0011.d
Level 5: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0012.d
Level 6: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0013.d
Level 7: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0014.d
Level 8: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0015.d
Level 9: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0016.d

Compound	0.0500000 Level 1 / 5.0000 Level 7	0.2500000 Level 2 / 7.5000 Level 8	0.5000000 Level 3 / 10.0000 Level 9	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
1 Fluoride	13641420	11801392	11350730	11456094	12237826	12525876					
	12636887	13075777	13477917				AVRG		12467102		6.69156
2 Chloride	9641443	8088791	8512122	9375420	10530212	11146170					
	11400303	11770889	12067759				AVRG		10281456		14.02721
3 Nitrite	20935660	15763700	17058416	17372868	17639666	17984932					
	18567296	18791660	19098993				AVRG		18134799		8.04352

Report Date : 01-Jun-2010 12:56

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 17:19
End Cal Date : 17-MAY-2010 19:38
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Last Edit : 18-May-2010 11:07

Compound	0.0500000 Level 1 / 5.0000 Level 7	0.2500000 Level 2 / 7.5000 Level 8	0.5000000 Level 3 / 10.0000 Level 9	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
4 Bromide	4051580	3444223	3480706	3659213	3631781	3636503					
	3775940	3880076	3994858				AVRG		3728320		5.73216
5 Nitrate	22436860	19700632	18354486	19724728	20259314	20034412					
	21106657	21918819	22555069				AVRG		20676775		6.88065
6 Phosphate	17672	62844	120474	288820	801297	1312148					
	1714930	2701259	3697565				LINR	0.20774	370442		0.99798
7 Sulfate	7130177	5751123	5903613	6135836	6661525	7022019					
	7183226	7659403	7971407				AVRG		6824259		11.32054

Report Date : 01-Jun-2010 12:56

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 17:19
End Cal Date : 17-MAY-2010 19:38
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Last Edit : 18-May-2010 11:07

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

Report Date: 01-Jun-2010 12:56

Calibration History

Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Start Cal Date: 17-MAY-2010 17:19
End Cal Date : 17-MAY-2010 19:38
Last Cal Level: 9
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.05000		
17-MAY-2010 17:19	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0008.d
Cal Level: 2 , Cal Amount: 0.25000		
17-MAY-2010 17:37	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0009.d
Cal Level: 3 , Cal Amount: 0.50000		
17-MAY-2010 17:54	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0010.d
Cal Level: 4 , Cal Amount: 1.00000		
17-MAY-2010 18:11	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0011.d
Cal Level: 5 , Cal Amount: 2.50000		
17-MAY-2010 18:29	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0012.d
Cal Level: 6 , Cal Amount: 4.00000		
17-MAY-2010 18:46	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0013.d
Cal Level: 7 , Cal Amount: 5.00000		
17-MAY-2010 19:04	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0014.d
Cal Level: 8 , Cal Amount: 7.50000		

```
+=================================================================================+
|17-MAY-2010 19:21 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\051710.b\0015.d                                   |
+------------------+-----------------+-----------------------------------------+

+------------------+-----------------+-----------------------------------------+
| Cal Level: 9 , Cal Amount: 10.00000                                             |
+=================================================================================+
|17-MAY-2010 19:38 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\051710.b\0016.d                                   |
+------------------+-----------------+-----------------------------------------+
```

Report Date : 18-May-2010 11:07

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 17:19
End Cal Date : 17-MAY-2010 19:38
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\chem\WET\ic320.i\051710.b\DX320.m
Last Edit : 18-May-2010 11:07 burnsj

Calibration File Names:
Level 1: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0008.d
Level 2: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0009.d
Level 3: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0010.d
Level 4: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0011.d
Level 5: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0012.d
Level 6: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0013.d
Level 7: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0014.d
Level 8: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0015.d
Level 9: \\cansvr11\chem\chem\WET\ic320.i\051710.b\0016.d

Compound	0.0500000 Level 1 / 5.0000 Level 7	0.2500000 Level 2 / 7.5000 Level 8	0.5000000 Level 3 / 10.0000 Level 9	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
1 Fluoride	13641420	11801392	11350730	11456094	12237826	12525876					
	12636887	13075777	13477917				AVRG		12467102		6.69156
2 Chloride	9641443	8088791	8512122	9375420	10530212	11146170					
	11400303	11770889	12067759				AVRG		10281456		14.02721
3 Nitrite	20935660	15763700	17058416	17372868	17639666	17984932					
	18567296	18791660	19098993				AVRG		18134799		8.04352

Report Date : 18-May-2010 11:07

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 17:19
End Cal Date : 17-MAY-2010 19:38
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\chem\WET\ic320.i\051710.b\DX320.m
Last Edit : 18-May-2010 11:07 burnsj

Compound	0.0500000 Level 1	0.2500000 Level 2	0.5000000 Level 3	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7	7.5000 Level 8	10.0000 Level 9								
4 Bromide	4051580	3444223	3480706	3659213	3631781	3636503					
	3775940	3880076	3994858				AVRG		3728320		5.73216
5 Nitrate	22436860	19700632	18354486	19724728	20259314	20034412					
	21106657	21918819	22555069				AVRG		20676775		6.88065
6 Phosphate	17672	62844	120474	288820	801297	1312148					
	1714930	2701259	3697565				LINR	0.20774	370442		0.99798
7 Sulfate	7130177	5751123	5903613	6135836	6661525	7022019					
	7183226	7659403	7971407				AVRG		6824259		11.32054

Report Date : 18-May-2010 11:07

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 17:19
End Cal Date : 17-MAY-2010 19:38
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\chem\WET\ic320.i\051710.b\DX320.m
Last Edit : 18-May-2010 11:07 burnsj

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Report Date: 18-May-2010 11:07

Calibration History

Method : \\cansvr11\chem\WET\ic320.i\051710.b\DX320.m
Start Cal Date: 17-MAY-2010 17:19
End Cal Date : 17-MAY-2010 19:38
Last Cal Level: 9
Last Cal Type : Initial Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.05000		
17-MAY-2010 17:19	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0008.d
Cal Level: 2 , Cal Amount: 0.25000		
17-MAY-2010 17:37	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0009.d
Cal Level: 3 , Cal Amount: 0.50000		
17-MAY-2010 17:54	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0010.d
Cal Level: 4 , Cal Amount: 1.00000		
17-MAY-2010 18:11	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0011.d
Cal Level: 5 , Cal Amount: 2.50000		
17-MAY-2010 18:29	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0012.d
Cal Level: 6 , Cal Amount: 4.00000		
17-MAY-2010 18:46	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0013.d
Cal Level: 7 , Cal Amount: 5.00000		
17-MAY-2010 19:04	all	\\cansvr11\dd\chem\WET\ic320.i\051710.b\0014.d
Cal Level: 8 , Cal Amount: 7.50000		

```
+=================================================================================+
|17-MAY-2010 19:21 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\051710.b\0015.d                                   |
+------------------+-----------------+-----------------------------------------+

+------------------+-----------------+-----------------------------------------+
| Cal Level: 9 , Cal Amount: 10.00000                                             |
+=================================================================================+
|17-MAY-2010 19:38 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\051710.b\0016.d                                   |
+------------------+-----------------+-----------------------------------------+
```

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0008.d
Report Date: 18-May-2010 10:47

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\051710.b\0008.d
Lab Smp Id: IC0199
Inj Date : 17-MAY-2010 17:19
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0199
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\051710.b\DX320.m
Meth Date : 18-May-2010 10:47 ic320.i Quant Type: ESTD
Cal Date : 17-MAY-2010 17:37 Cal File: 0009.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPGCSV17

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

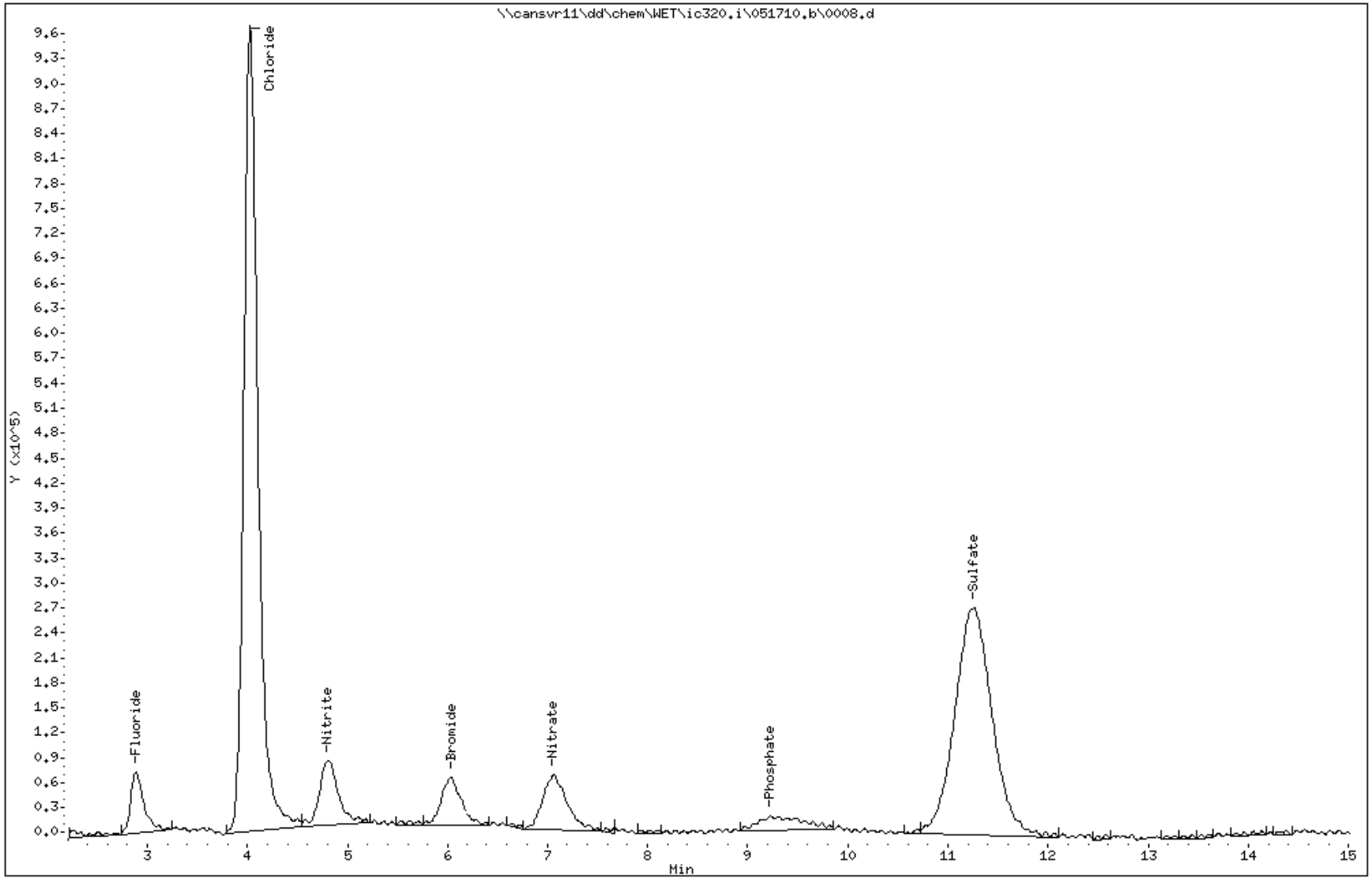
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.883	2.883	0.000	682071	0.05000	0.05471(M)
2 Chloride	4.025	4.025	0.000	9641443	1.00000	0.9378(a)
3 Nitrite	4.800	4.800	0.000	1046783	0.05000	0.05772
4 Bromide	6.033	6.033	0.000	810316	0.20000	0.2173
5 Nitrate	7.066	7.066	0.000	1121843	0.05000	0.05426(a)
6 Phosphate	9.225	9.225	0.000	17672	0.05000	0.2554(M)
7 Sulfate	11.258	11.258	0.000	7130177	1.00000	1.045

QC Flag Legend

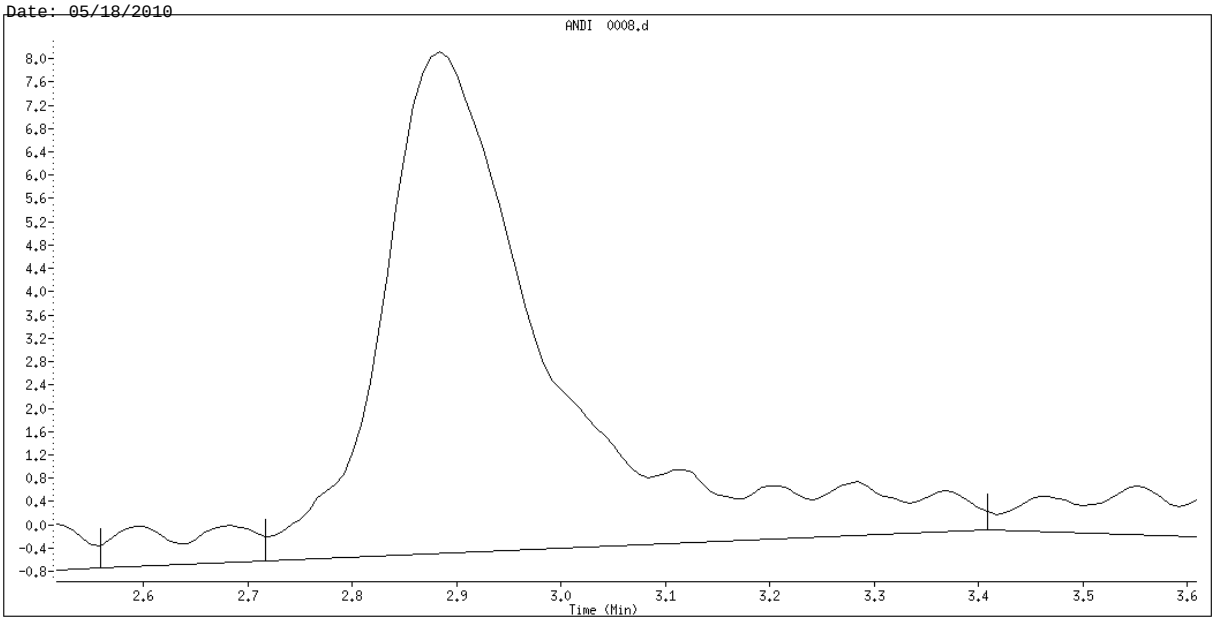
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0008.d
Date : 17-MAY-2010 17:19
Client ID:
Sample Info: IC0199
Purge Volume: 1.0
Column phase: AS14

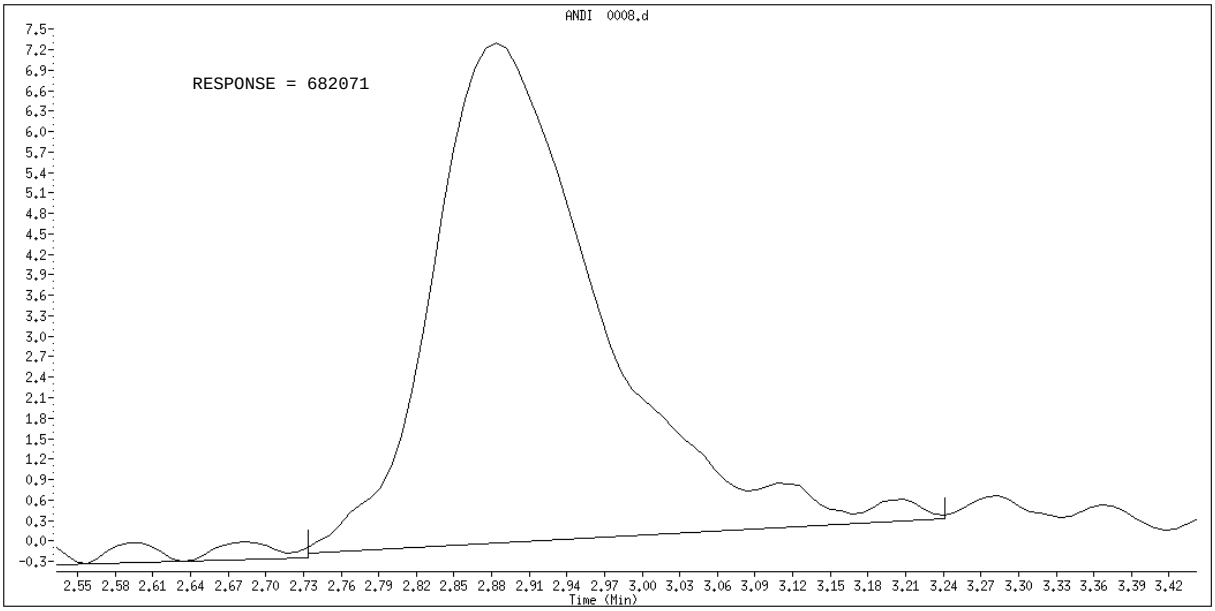
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0008.d
Inj. Date and Time: 17-MAY-2010 17:19
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/18/2010



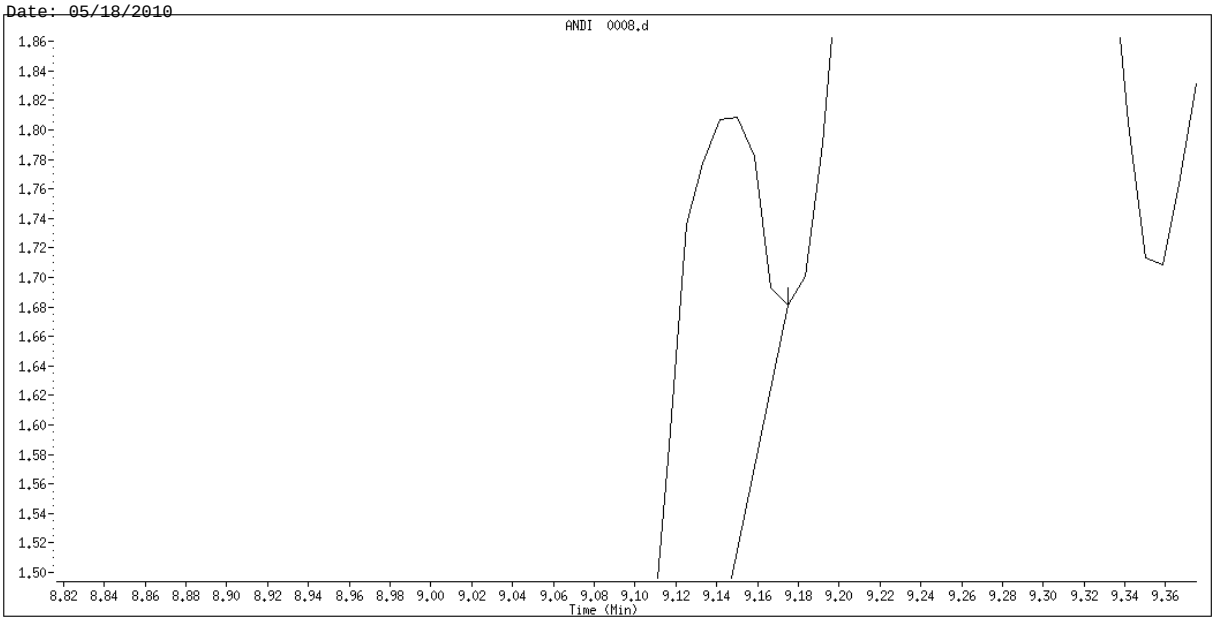
Original Integration



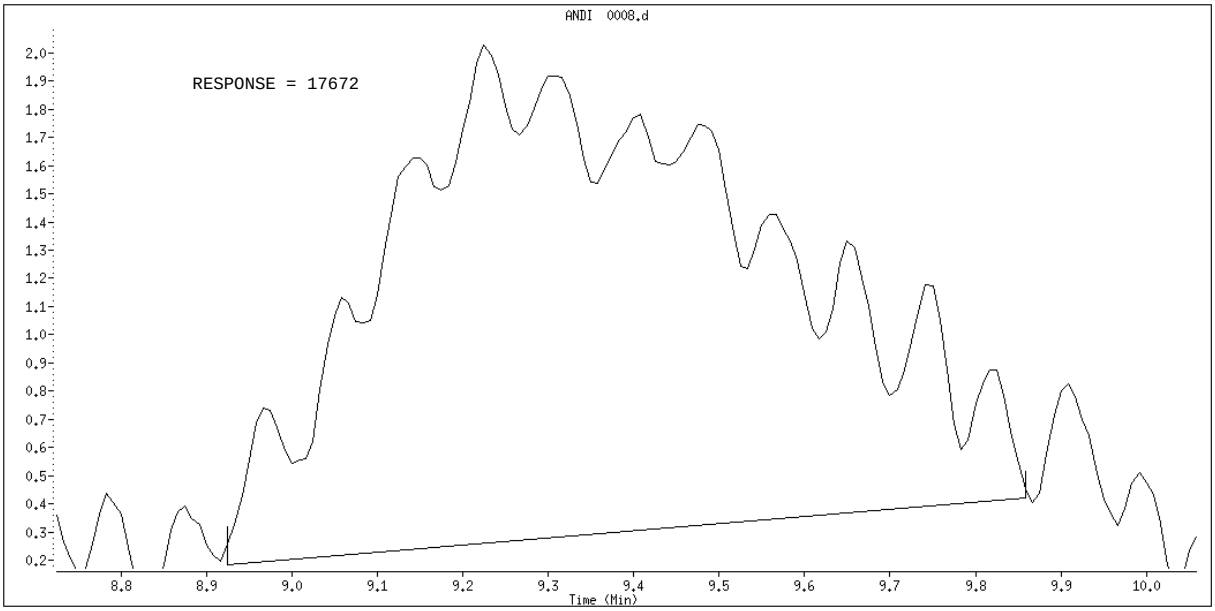
Manual Integration

Manually Integrated By: lic
Manual Integration Reason: Baseline Event

Data File Name: 0008.d
Inj. Date and Time: 17-MAY-2010 17:19
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 05/18/2010



Original Integration



Manual Integration

Manually Integrated By: lic
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0009.d
Report Date: 18-May-2010 10:47

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\051710.b\0009.d
Lab Smp Id: IC0198
Inj Date : 17-MAY-2010 17:37
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0198
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\051710.b\DX320.m
Meth Date : 18-May-2010 10:47 ic320.i Quant Type: ESTD
Cal Date : 17-MAY-2010 17:19 Cal File: 0008.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPGCSV17

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

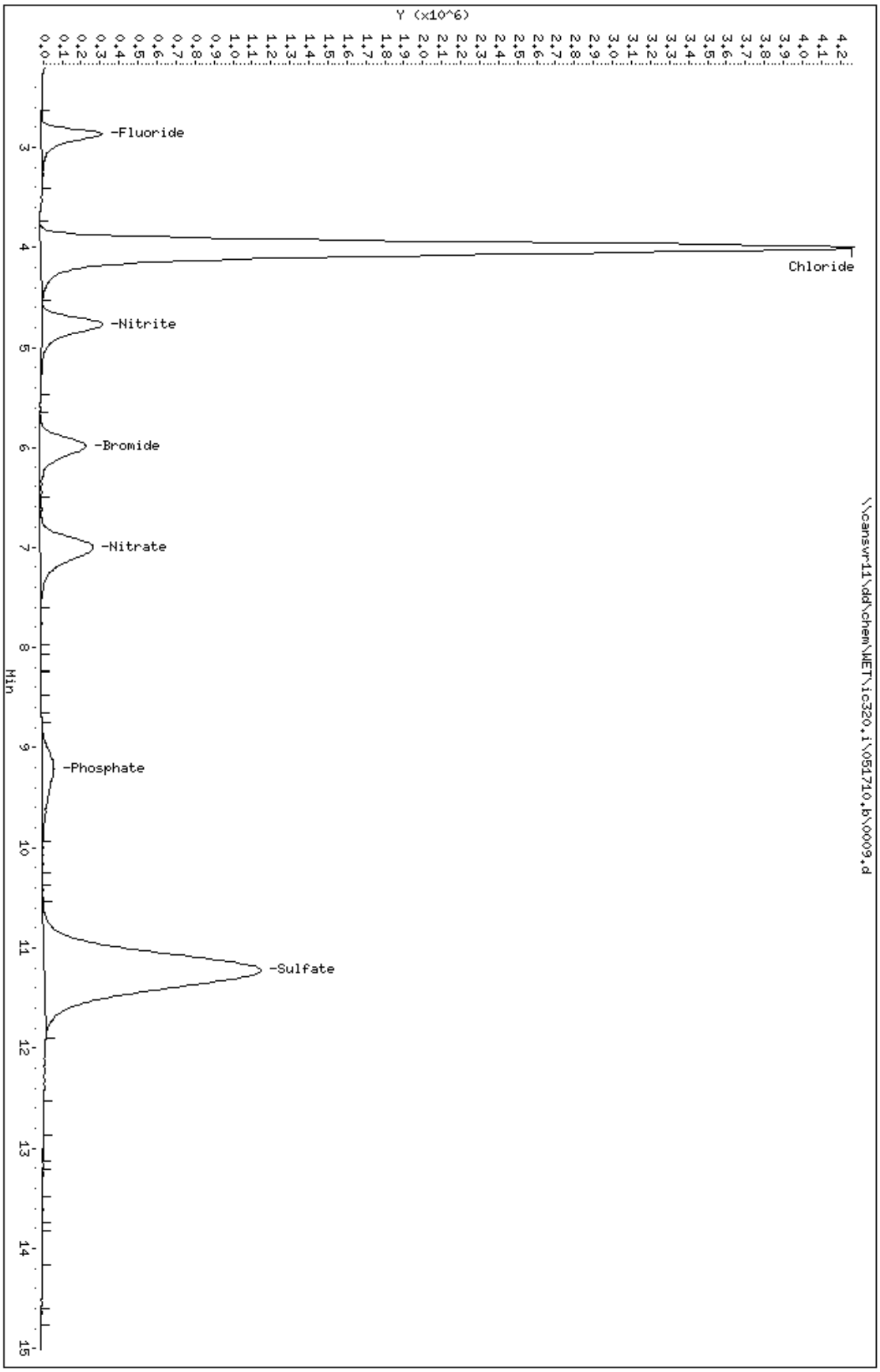
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.866	2.866	0.000	2950348	0.25000	0.2366
2 Chloride	4.000	4.000	0.000	40443957	5.00000	3.934
3 Nitrite	4.766	4.766	0.000	3940925	0.25000	0.2173
4 Bromide	5.983	5.983	0.000	3444223	1.00000	0.9238
5 Nitrate	7.000	7.000	0.000	4925158	0.25000	0.2382
6 Phosphate	9.216	9.216	0.000	62844	0.25000	0.3774(M)
7 Sulfate	11.225	11.225	0.000	28755616	5.00000	4.214

QC Flag Legend

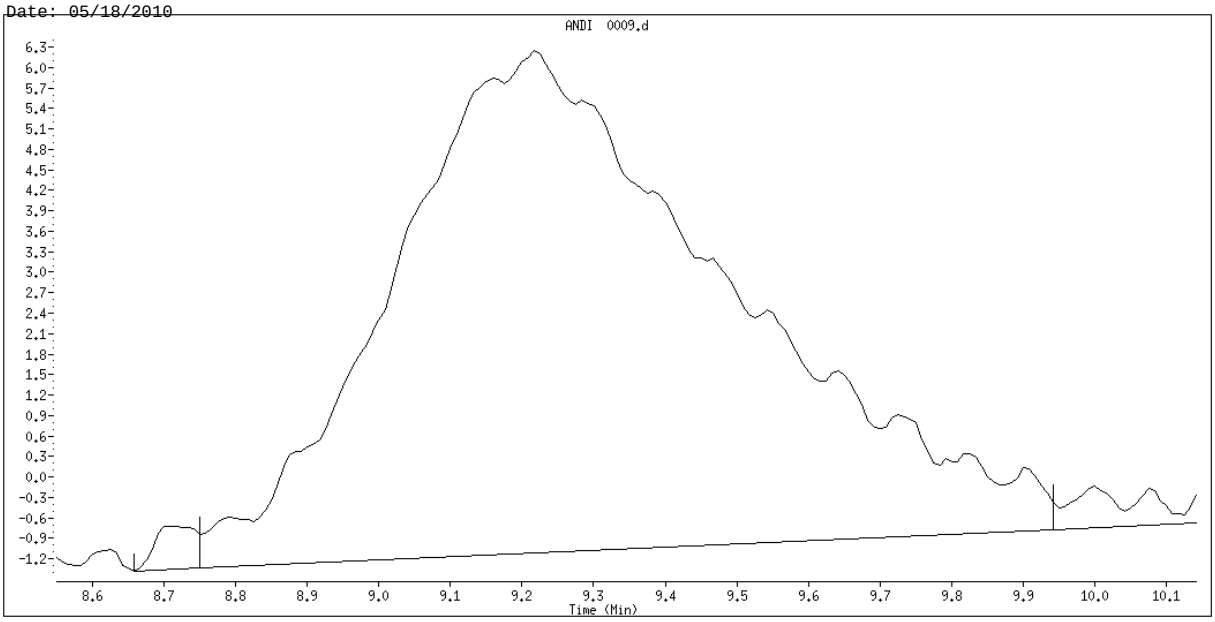
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0009.d
Date : 17-MAY-2010 17:37
Client ID:
Sample Info: IC0198
Purge Volume: 1.0
Column phase: AS14

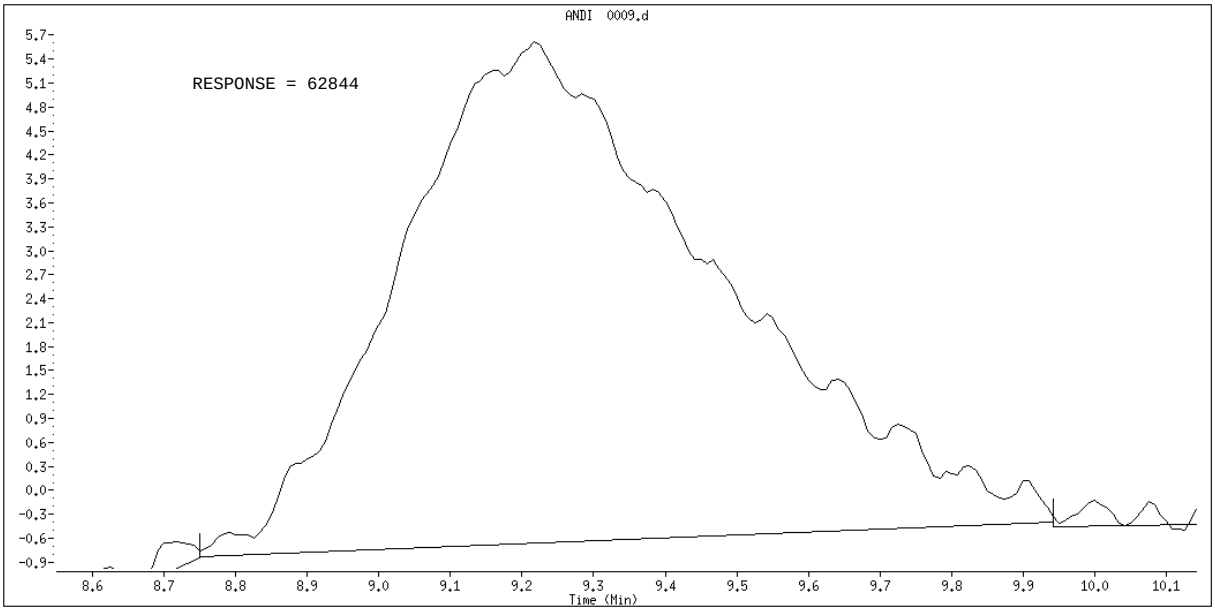
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0009.d
Inj. Date and Time: 17-MAY-2010 17:37
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 05/18/2010



Original Integration



Manual Integration

Manually Integrated By: lic
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0010.d
Report Date: 18-May-2010 10:47

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\051710.b\0010.d
Lab Smp Id: IC0197
Inj Date : 17-MAY-2010 17:54
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0197
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\051710.b\DX320.m
Meth Date : 18-May-2010 10:47 ic320.i Quant Type: ESTD
Cal Date : 17-MAY-2010 17:37 Cal File: 0009.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPGCSV17

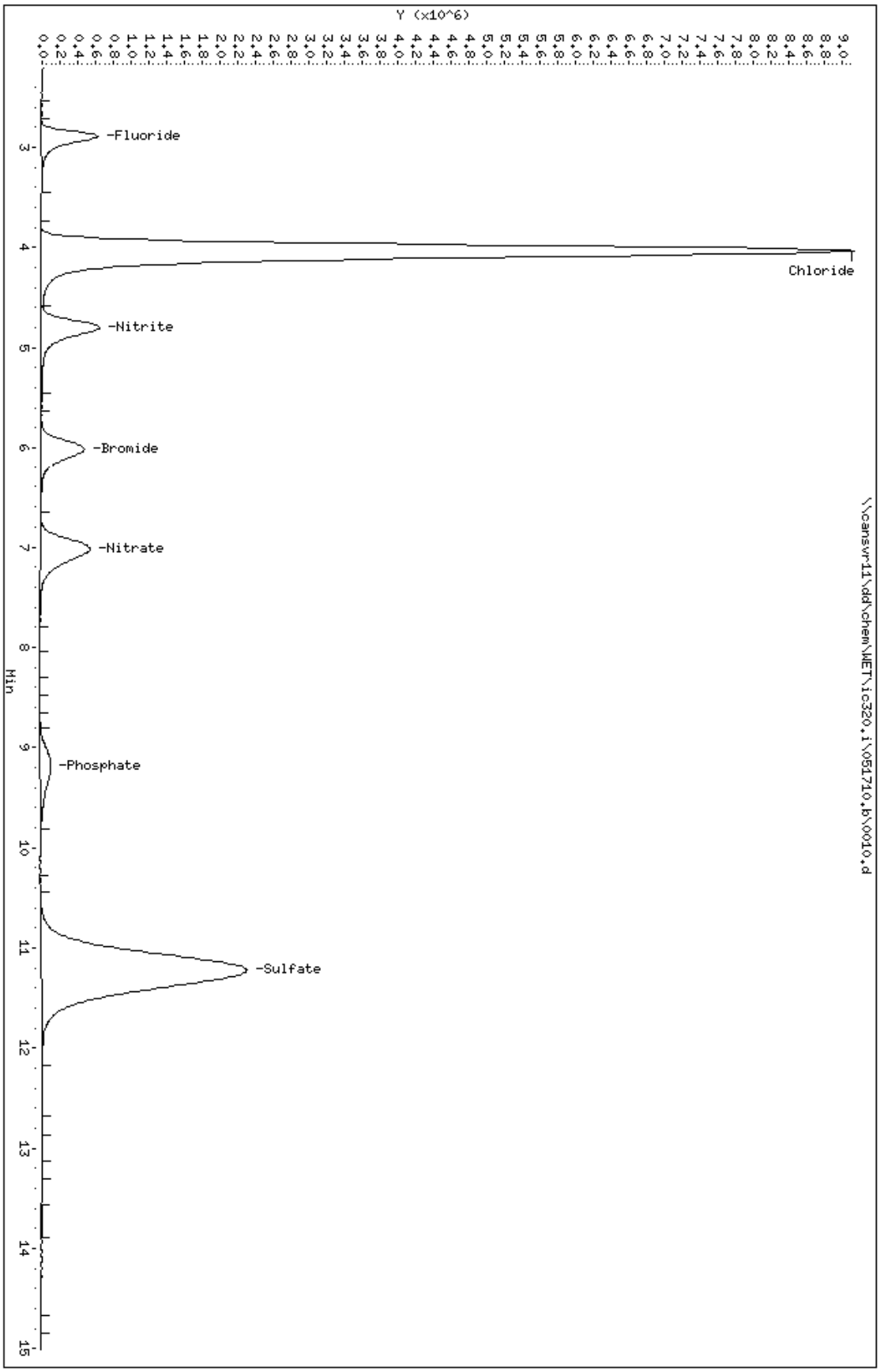
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.891	2.891	0.000	5675365	0.50000	0.4552
2 Chloride	4.033	4.033	0.000	85121222	10.0000	8.279
3 Nitrite	4.800	4.800	0.000	8529208	0.50000	0.4703
4 Bromide	6.008	6.008	0.000	6961411	2.00000	1.867
5 Nitrate	7.016	7.016	0.000	9177243	0.50000	0.4438
6 Phosphate	9.183	9.183	0.000	120474	0.50000	0.5330
7 Sulfate	11.225	11.225	0.000	59036130	10.0000	8.651

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0010.d
Date : 17-MAY-2010 17:54
Client ID:
Sample Info: IC0197
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0011.d
Report Date: 18-May-2010 10:47

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\051710.b\0011.d
Lab Smp Id: IC0196
Inj Date : 17-MAY-2010 18:11
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0196
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\051710.b\DX320.m
Meth Date : 18-May-2010 10:47 ic320.i Quant Type: ESTD
Cal Date : 17-MAY-2010 17:54 Cal File: 0010.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPGCSV17

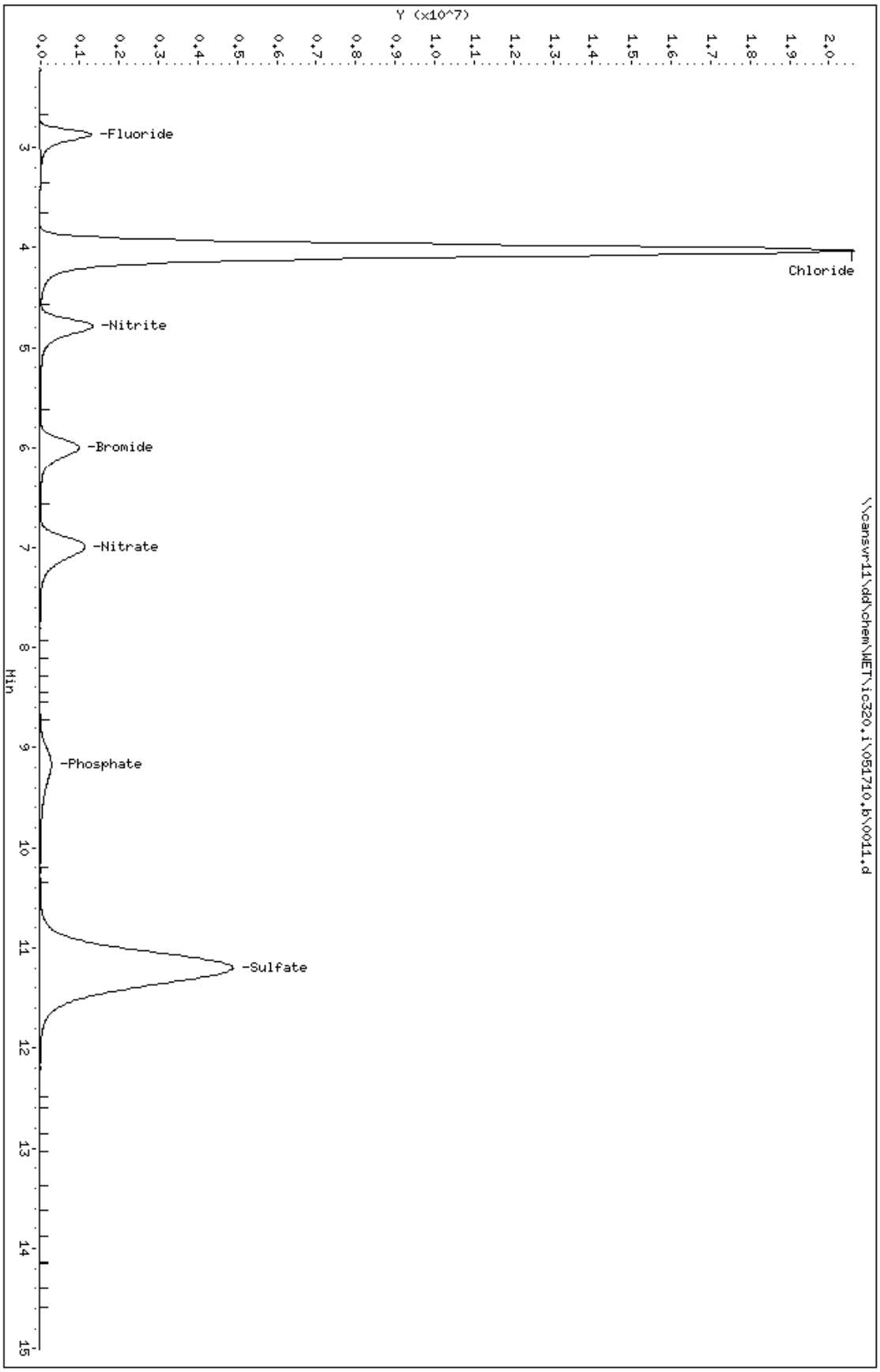
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.875	2.875	0.000	11456094	1.00000	0.9189
2 Chloride	4.033	4.033	0.000	187508393	20.0000	18.24
3 Nitrite	4.783	4.783	0.000	17372868	1.00000	0.9580
4 Bromide	6.000	6.000	0.000	14636853	4.00000	3.926
5 Nitrate	7.000	7.000	0.000	19724728	1.00000	0.9540
6 Phosphate	9.175	9.175	0.000	288820	1.00000	0.9874
7 Sulfate	11.200	11.200	0.000	122716713	20.0000	17.98

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0011.d
Date : 17-MAY-2010 18:11
Client ID:
Sample Info: IC0196
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0012.d
Report Date: 18-May-2010 10:47

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\051710.b\0012.d
Lab Smp Id: IC0195
Inj Date : 17-MAY-2010 18:29
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0195
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\051710.b\DX320.m
Meth Date : 18-May-2010 10:47 ic320.i Quant Type: ESTD
Cal Date : 17-MAY-2010 18:11 Cal File: 0011.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPGCSV17

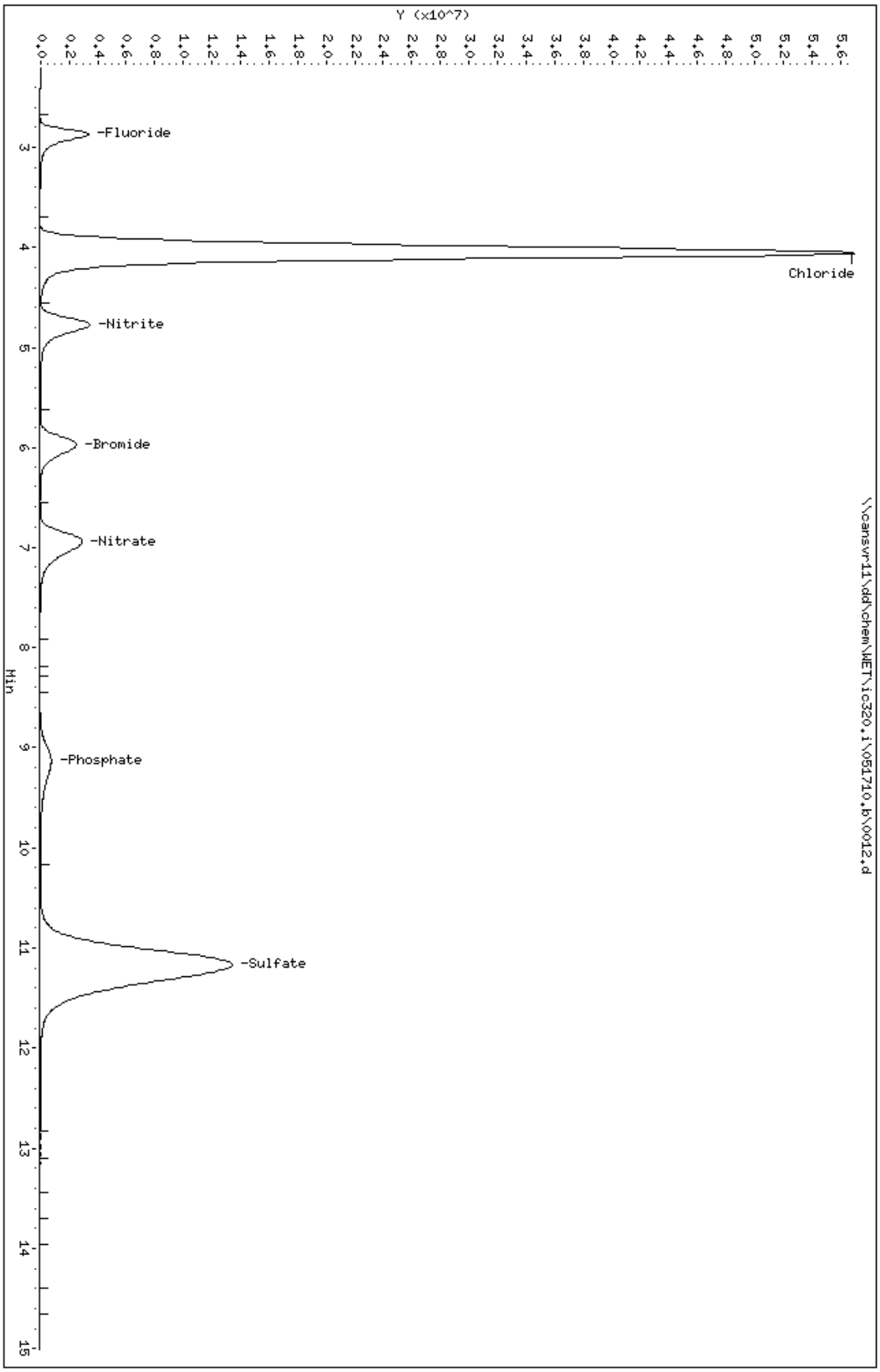
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.866	2.866	0.000	30594564	2.50000	2.454
2 Chloride	4.058	4.058	0.000	526510589	50.0000	51.21
3 Nitrite	4.766	4.766	0.000	44099165	2.50000	2.432
4 Bromide	5.966	5.966	0.000	36317806	10.0000	9.741
5 Nitrate	6.950	6.950	0.000	50648286	2.50000	2.450
6 Phosphate	9.133	9.133	0.000	801297	2.50000	2.371
7 Sulfate	11.166	11.166	0.000	333076258	50.0000	48.81

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0012.d
Date : 17-MAY-2010 18:29
Client ID:
Sample Info: IC0195
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0013.d
Report Date: 18-May-2010 10:47

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\051710.b\0013.d
Lab Smp Id: IC0194
Inj Date : 17-MAY-2010 18:46
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0194
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\051710.b\DX320.m
Meth Date : 18-May-2010 10:47 ic320.i Quant Type: ESTD
Cal Date : 17-MAY-2010 18:29 Cal File: 0012.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPGCSV17

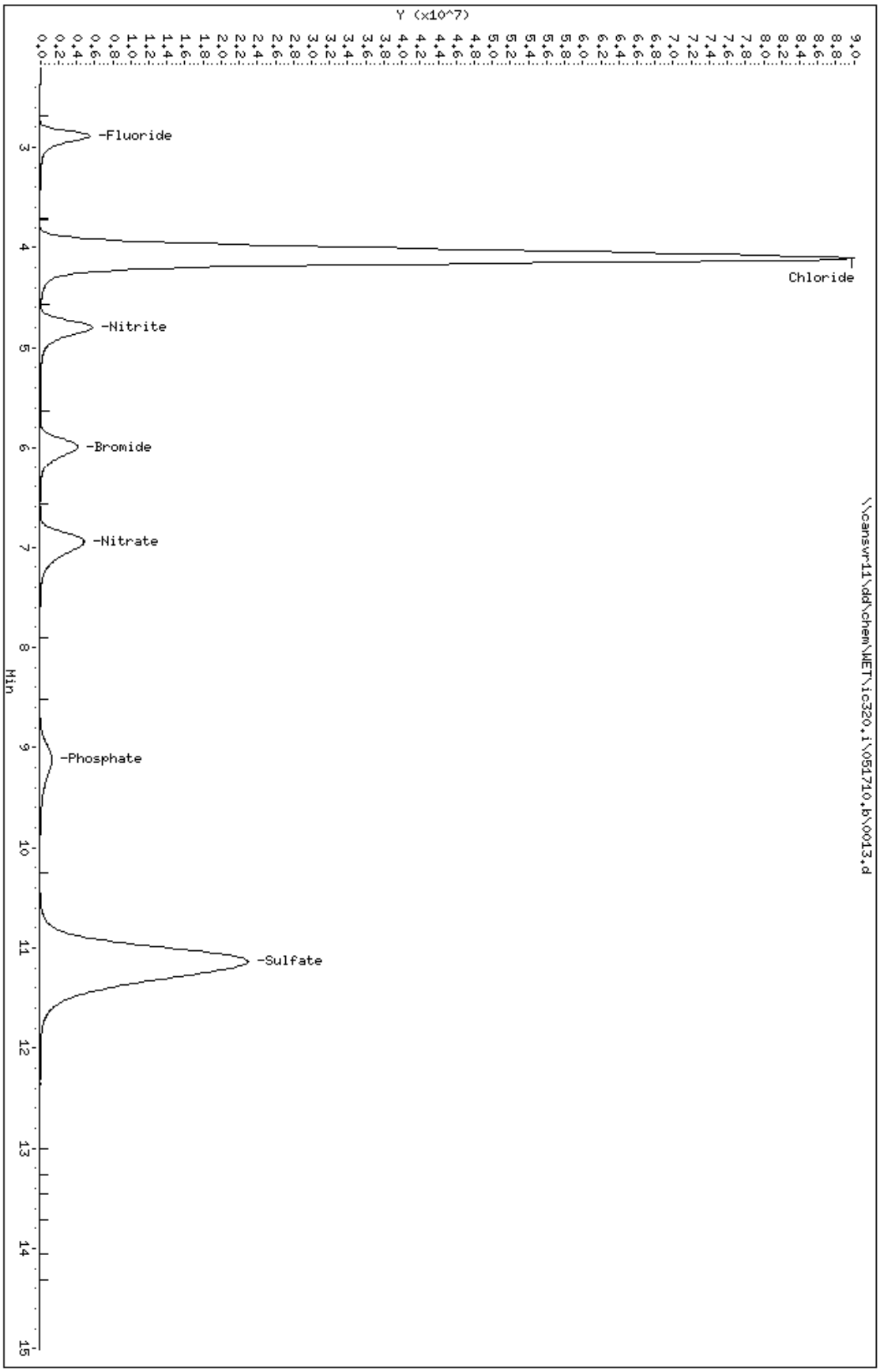
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.883	2.883	0.000	50103504	4.00000	4.019
2 Chloride	4.108	4.108	0.000	891693580	80.0000	86.73
3 Nitrite	4.800	4.800	0.000	71939728	4.00000	3.967
4 Bromide	5.991	5.991	0.000	58184045	16.0000	15.60
5 Nitrate	6.950	6.950	0.000	80137646	4.00000	3.876
6 Phosphate	9.125	9.125	0.000	1312148	4.00000	3.750
7 Sulfate	11.133	11.133	0.000	561761542	80.0000	82.32

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0013.d
Date : 17-MAY-2010 18:46
Client ID:
Sample Info: IC0194
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0014.d
Report Date: 18-May-2010 10:47

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\051710.b\0014.d
Lab Smp Id: IC0193
Inj Date : 17-MAY-2010 19:04
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0193
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\051710.b\DX320.m
Meth Date : 18-May-2010 10:47 ic320.i Quant Type: ESTD
Cal Date : 17-MAY-2010 18:46 Cal File: 0013.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPGCSV17

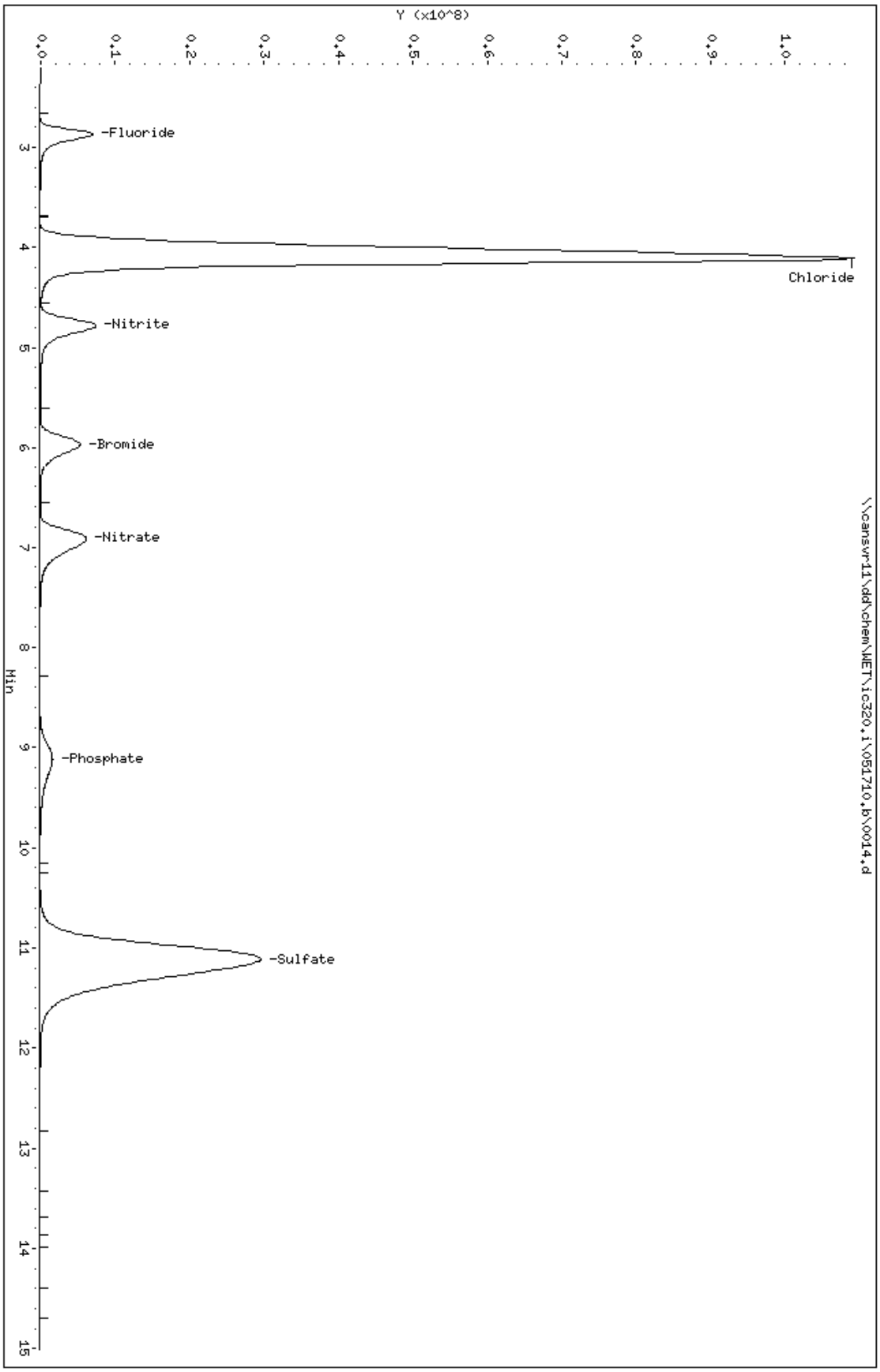
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.866	2.866	0.000	63184433	5.00000	5.068
2 Chloride	4.108	4.108	0.000	1140030307	100.000	110.9
3 Nitrite	4.775	4.775	0.000	92836481	5.00000	5.119
4 Bromide	5.966	5.966	0.000	75518809	20.0000	20.26
5 Nitrate	6.916	6.916	0.000	105533284	5.00000	5.104
6 Phosphate	9.116	9.116	0.000	1714930	5.00000	4.837
7 Sulfate	11.116	11.116	0.000	718322607	100.000	105.3

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0014.d
Date : 17-MAY-2010 19:04
Client ID:
Sample Info: IC0193
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0015.d
Report Date: 18-May-2010 10:47

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\051710.b\0015.d
Lab Smp Id: IC0192
Inj Date : 17-MAY-2010 19:21
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0192
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\051710.b\DX320.m
Meth Date : 18-May-2010 10:47 ic320.i Quant Type: ESTD
Cal Date : 17-MAY-2010 19:04 Cal File: 0014.d
Als bottle: 1 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPGCSV17

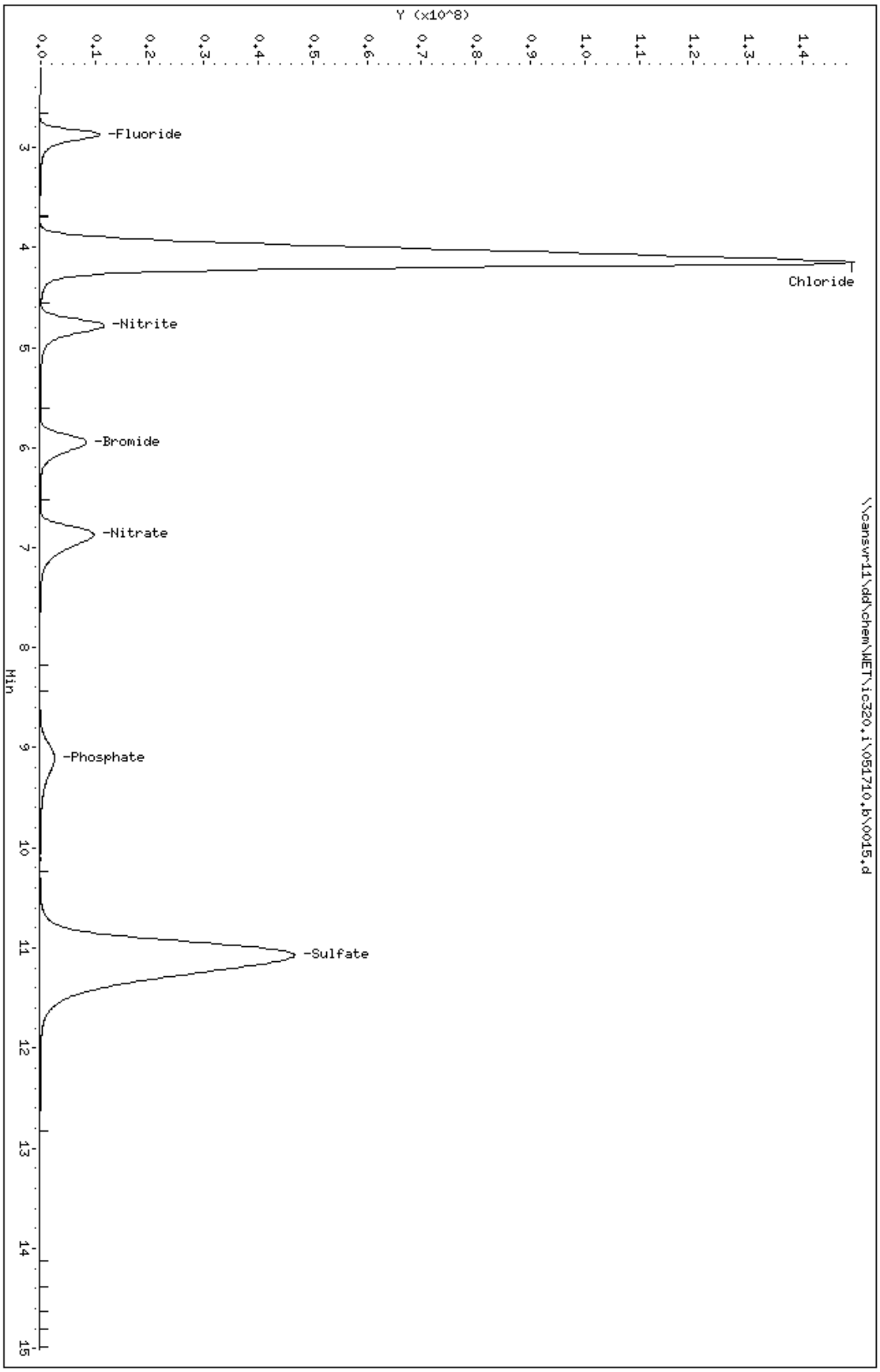
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.875	2.875	0.000	98068327	7.50000	7.866
2 Chloride	4.150	4.150	0.000	1765633299	150.000	171.7
3 Nitrite	4.775	4.775	0.000	140937448	7.50000	7.772
4 Bromide	5.941	5.941	0.000	116402278	30.0000	31.22
5 Nitrate	6.875	6.875	0.000	164391141	7.50000	7.950
6 Phosphate	9.108	9.108	0.000	2701259	7.50000	7.500
7 Sulfate	11.075	11.075	0.000	1148910397	150.000	168.4

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0015.d
Date : 17-MAY-2010 19:21
Client ID:
Sample Info: IC0192
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



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Report Date: 18-May-2010 10:47

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\051710.b\0016.d
Lab Smp Id: IC0191
Inj Date : 17-MAY-2010 19:38
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0191
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\051710.b\DX320.m
Meth Date : 18-May-2010 10:47 ic320.i Quant Type: ESTD
Cal Date : 17-MAY-2010 19:21 Cal File: 0015.d
Als bottle: 1 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPGCSV17

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

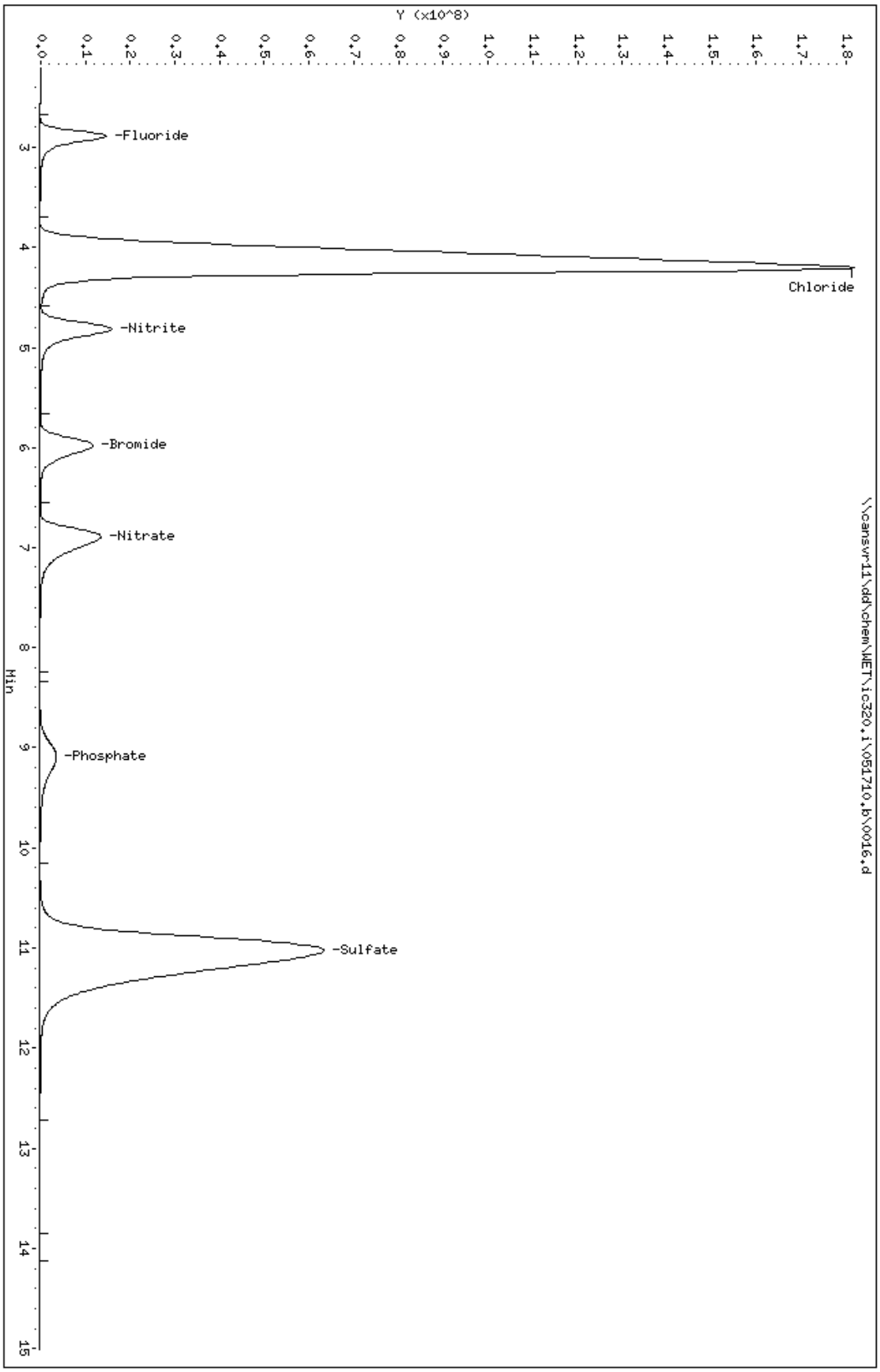
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.883	2.883	0.000	134779169	10.0000	10.81(A)
2 Chloride	4.200	4.200	0.000	2413551738	200.000	234.7(A)
3 Nitrite	4.808	4.808	0.000	190989927	10.0000	10.53(A)
4 Bromide	5.975	5.975	0.000	159794323	40.0000	42.86(A)
5 Nitrate	6.900	6.900	0.000	225550685	10.0000	10.91(A)
6 Phosphate	9.091	9.091	0.000	3697565	10.0000	10.19(A)
7 Sulfate	11.025	11.025	0.000	1594281454	200.000	233.6(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\051710.b\0016.d
Date : 17-MAY-2010 19:38
Client ID:
Sample Info: IC0191
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0001.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

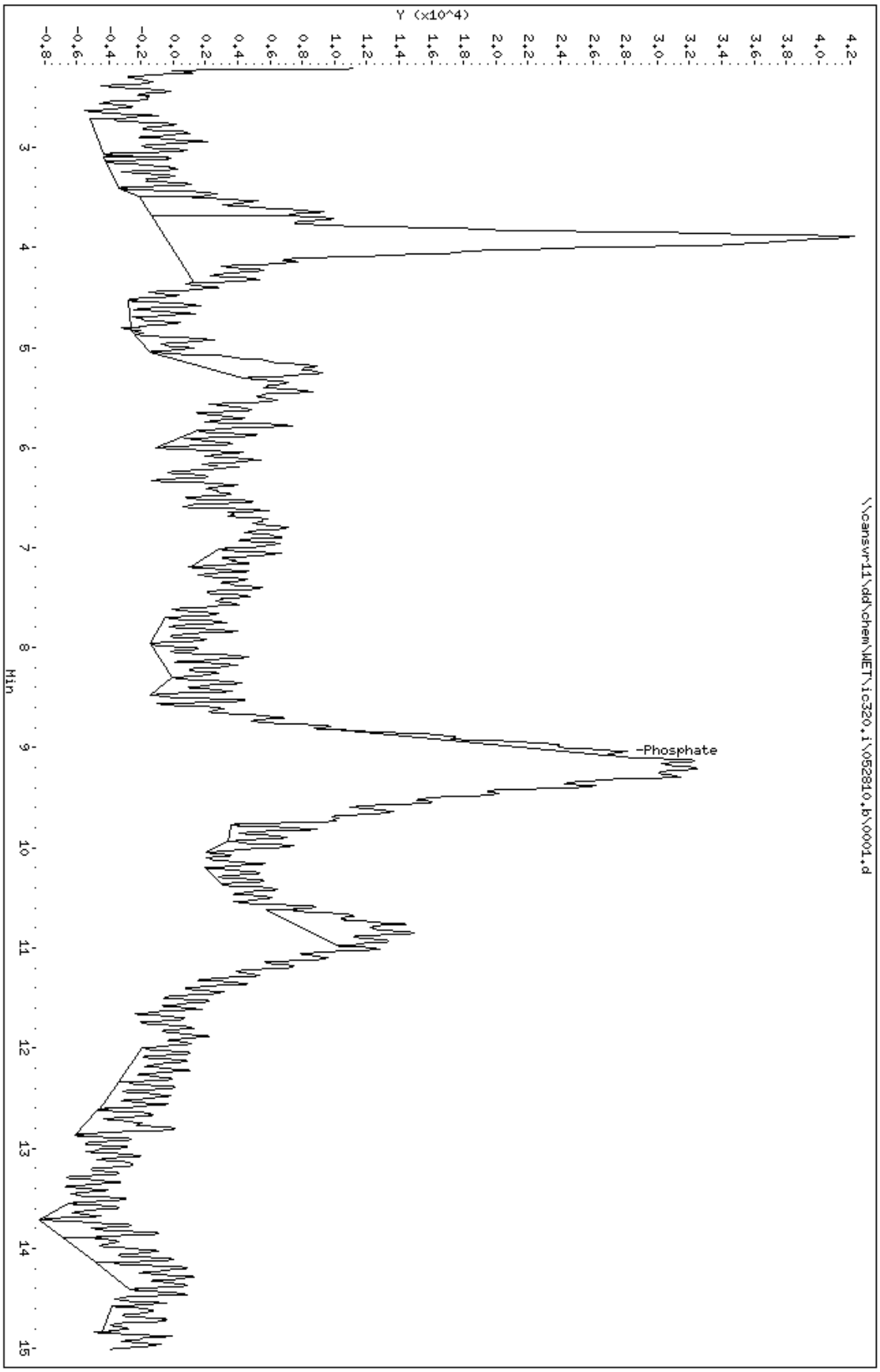
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0001.d
Lab Smp Id: RINSE
Inj Date : 28-MAY-2010 16:31
Operator : 001754 Inst ID: ic320.i
Smp Info : RINSE
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:08 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.041	8.900	0.141	3554	0.21733	0.2173
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0001.d
Date : 28-MAY-2010 16:31
Client ID:
Sample Info: RINSE
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0001.d
Y (x10^4)
4.2
4.0
3.8
3.6
3.4
3.2
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-Phosphate
3
4
5
6
7
8
9
10
11
12
13
14
15
Min

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0002.d
Report Date: 01-Jun-2010 13:10

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 28-MAY-2010 16:48
Lab File ID: 0002.d Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 17:19 19:38
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	12467102	11898608	11898608	0.010	4.55996	10.00000	Averaged
2 Chloride	10281456	10052610	10052610	0.010	2.22581	10.00000	Averaged
3 Nitrite	18134799	19618582	19618582	0.010	-8.18197	10.00000	Averaged
4 Bromide	3728320	3463706	3463706	0.010	7.09740	10.00000	Averaged
5 Nitrate	20676775	20484238	20484238	0.010	0.93118	10.00000	Averaged
6 Phosphate	2.50000	2.07582	276806	0.010	16.96714	10.00000	Linear <-
7 Sulfate	6824259	6428961	6428961	0.010	5.79254	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0002.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0002.d
Lab Smp Id: CCV
Inj Date : 28-MAY-2010 16:48
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

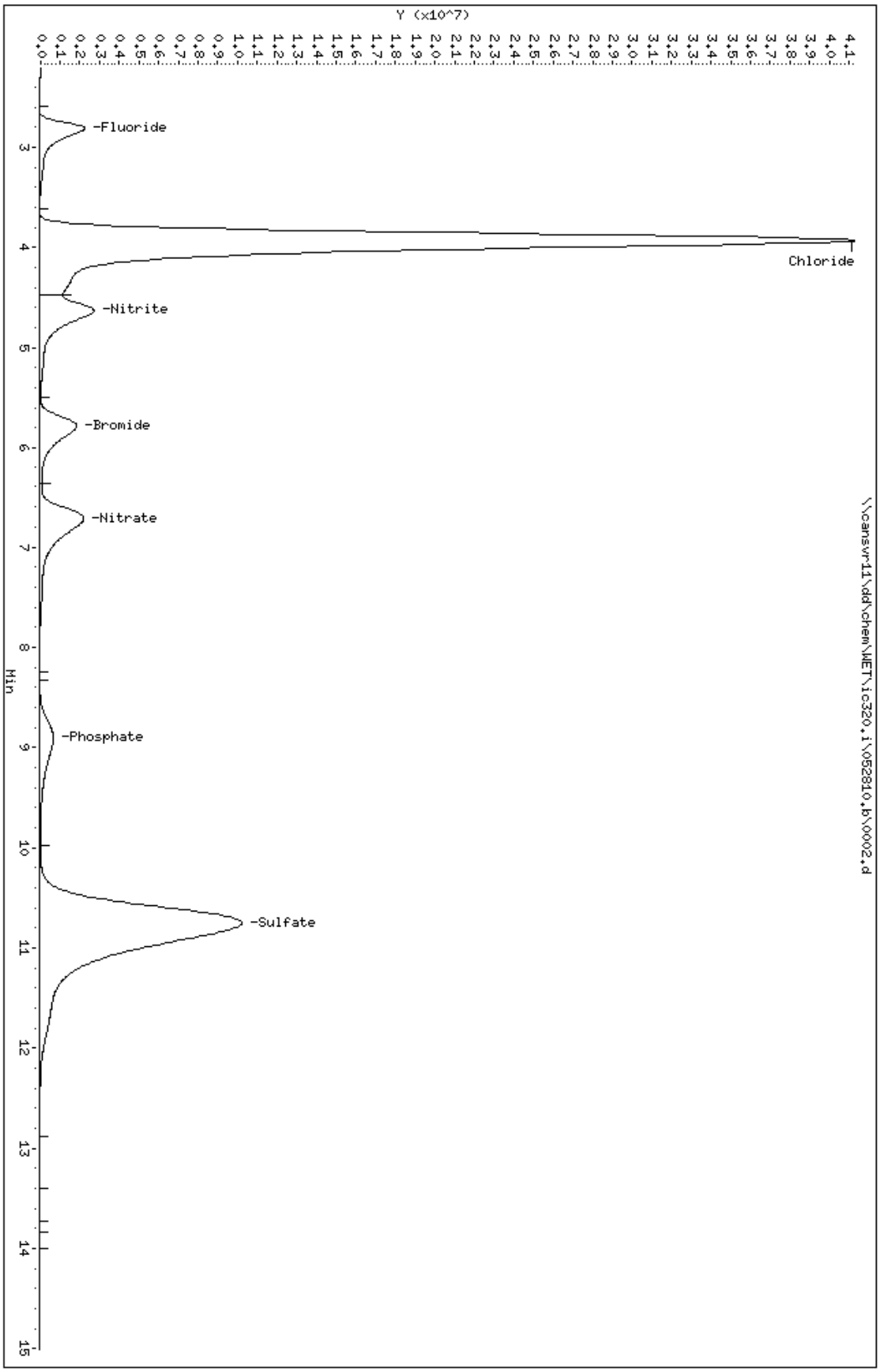
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

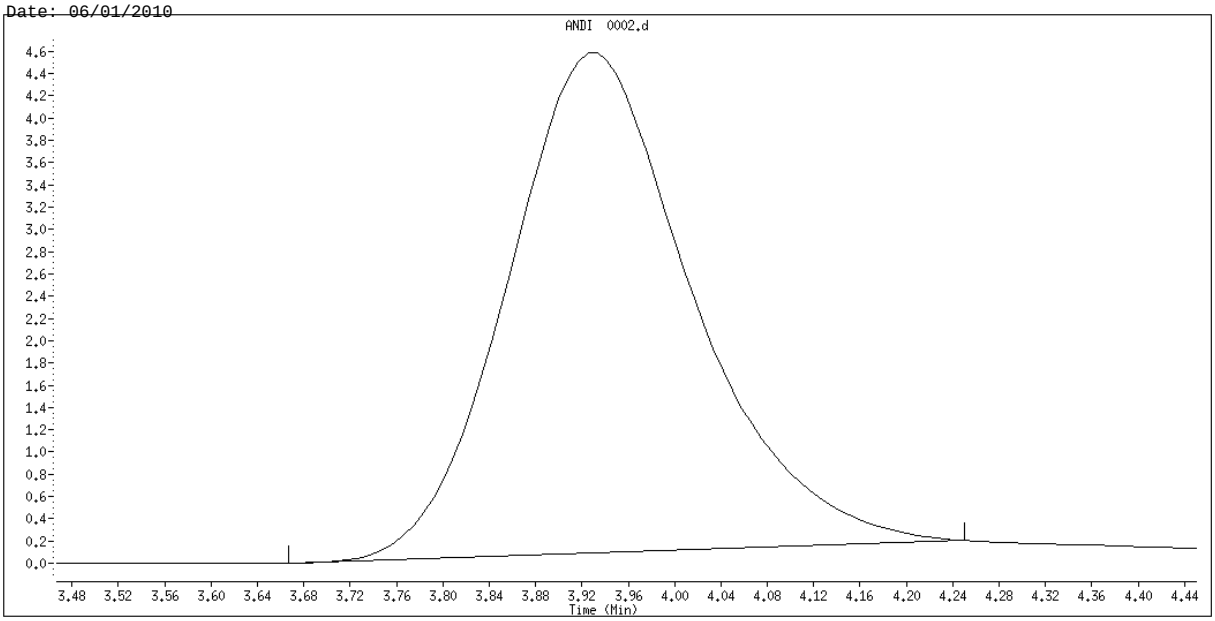
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	29746519	2.50000	2.386
2 Chloride	3.933	3.933	0.000	502630523	50.0000	48.89
3 Nitrite	4.625	4.625	0.000	49046456	2.50000	2.704
4 Bromide	5.783	5.783	0.000	34637062	10.0000	9.290
5 Nitrate	6.716	6.716	0.000	51210595	2.50000	2.477
6 Phosphate	8.900	8.900	0.000	692016	2.50000	2.076
7 Sulfate	10.758	10.758	0.000	321448056	50.0000	47.10

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0002.d
Date : 28-MAY-2010 16:48
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

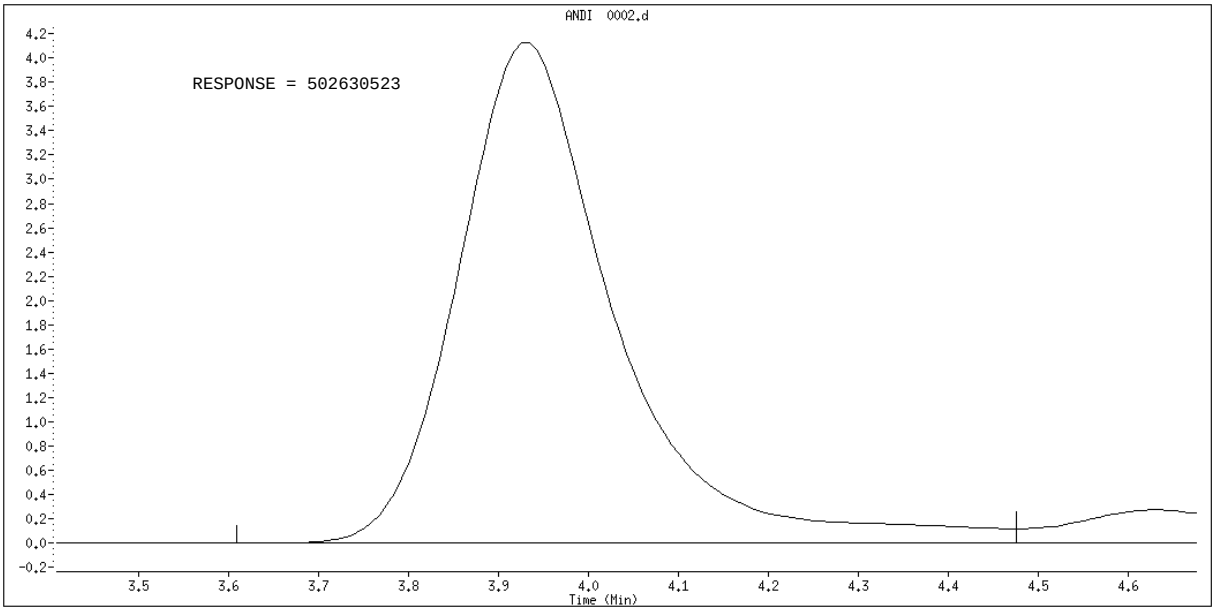
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0002.d
Inj. Date and Time: 28-MAY-2010 16:48
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0003.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

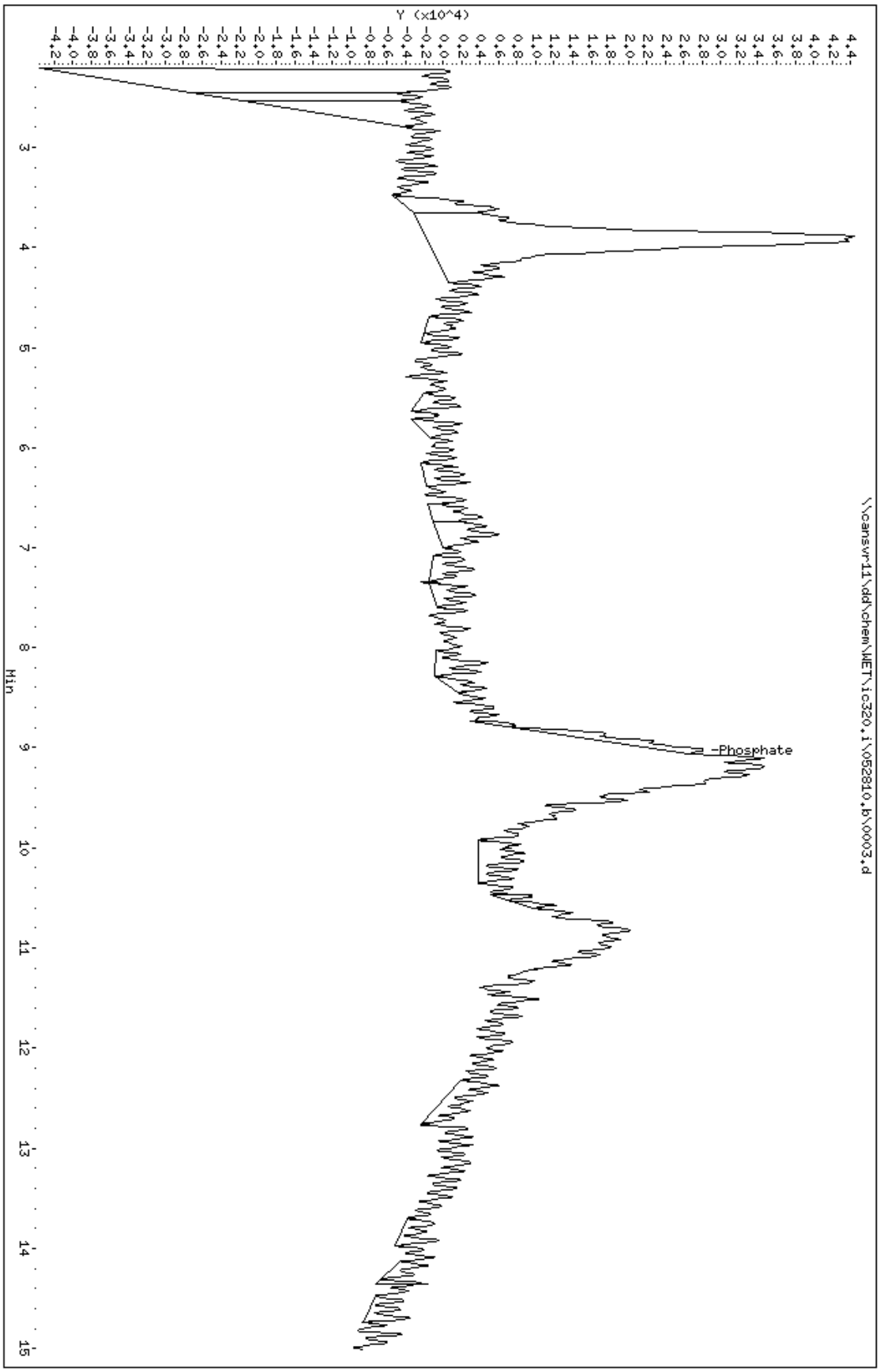
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0003.d
Lab Smp Id: CCB
Inj Date : 28-MAY-2010 17:06
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.033	8.900	0.133	3287	0.21661	0.2166
7 Sulfate	Compound Not Detected.					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Date : 28-MAY-2010 17:06
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0003.d
Phosphate
Y (x10^4)
Min

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0004.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0004.d
Lab Smp Id: LCS
Inj Date : 28-MAY-2010 17:23
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

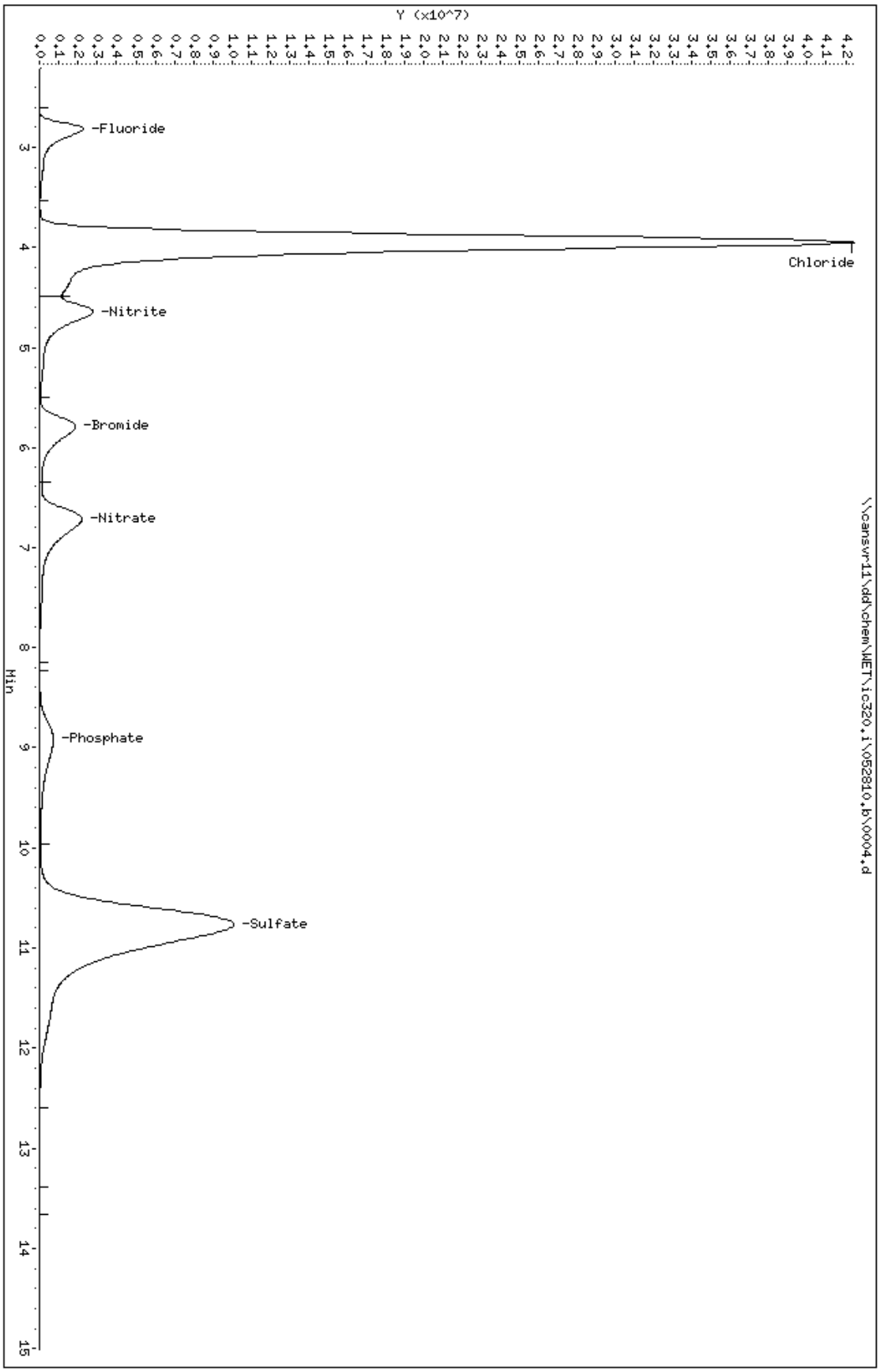
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.808	0.008	28727464	2.30426	2.304
2 Chloride	3.950	3.933	0.017	500441695	48.6742	48.67
3 Nitrite	4.641	4.625	0.016	48121901	2.65357	2.654
4 Bromide	5.783	5.783	0.000	33263188	8.92176	8.922(R)
5 Nitrate	6.725	6.716	0.009	49737481	2.40548	2.405
6 Phosphate	8.916	8.900	0.016	698091	2.09222	2.092(R)
7 Sulfate	10.766	10.758	0.008	317554334	46.5332	46.53

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0004.d
Date : 28-MAY-2010 17:23
Client ID:
Sample Info: LCS,3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0005.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0005.d
Lab Smp Id: LCS DUP
Inj Date : 28-MAY-2010 17:41
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS DUP,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

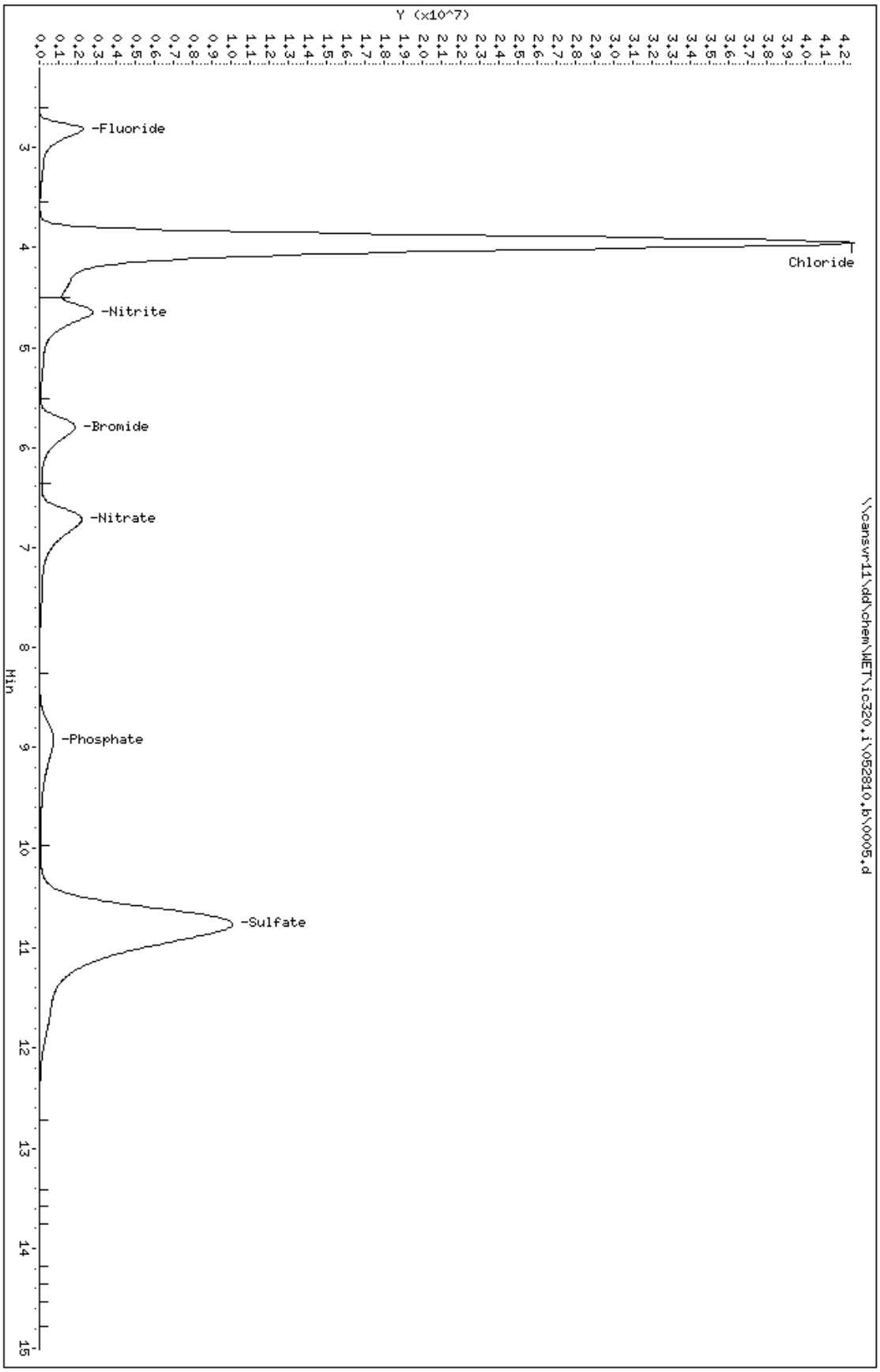
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.808	0.008	28885151	2.31691	2.317
2 Chloride	3.950	3.933	0.017	501094145	48.7377	48.74
3 Nitrite	4.641	4.625	0.016	47958786	2.64457	2.644
4 Bromide	5.791	5.783	0.008	33292605	8.92965	8.930(R)
5 Nitrate	6.725	6.716	0.009	49591508	2.39842	2.398
6 Phosphate	8.925	8.900	0.025	711440	2.12826	2.128(R)
7 Sulfate	10.758	10.758	0.000	316389563	46.3625	46.36

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0005.d
Date : 28-MAY-2010 17:41
Client ID:
Sample Info: LCS DUP,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0006.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0006.d
Lab Smp Id: L16RE
Inj Date : 28-MAY-2010 17:58
Operator : 001754 Inst ID: ic320.i
Smp Info : L16RE,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

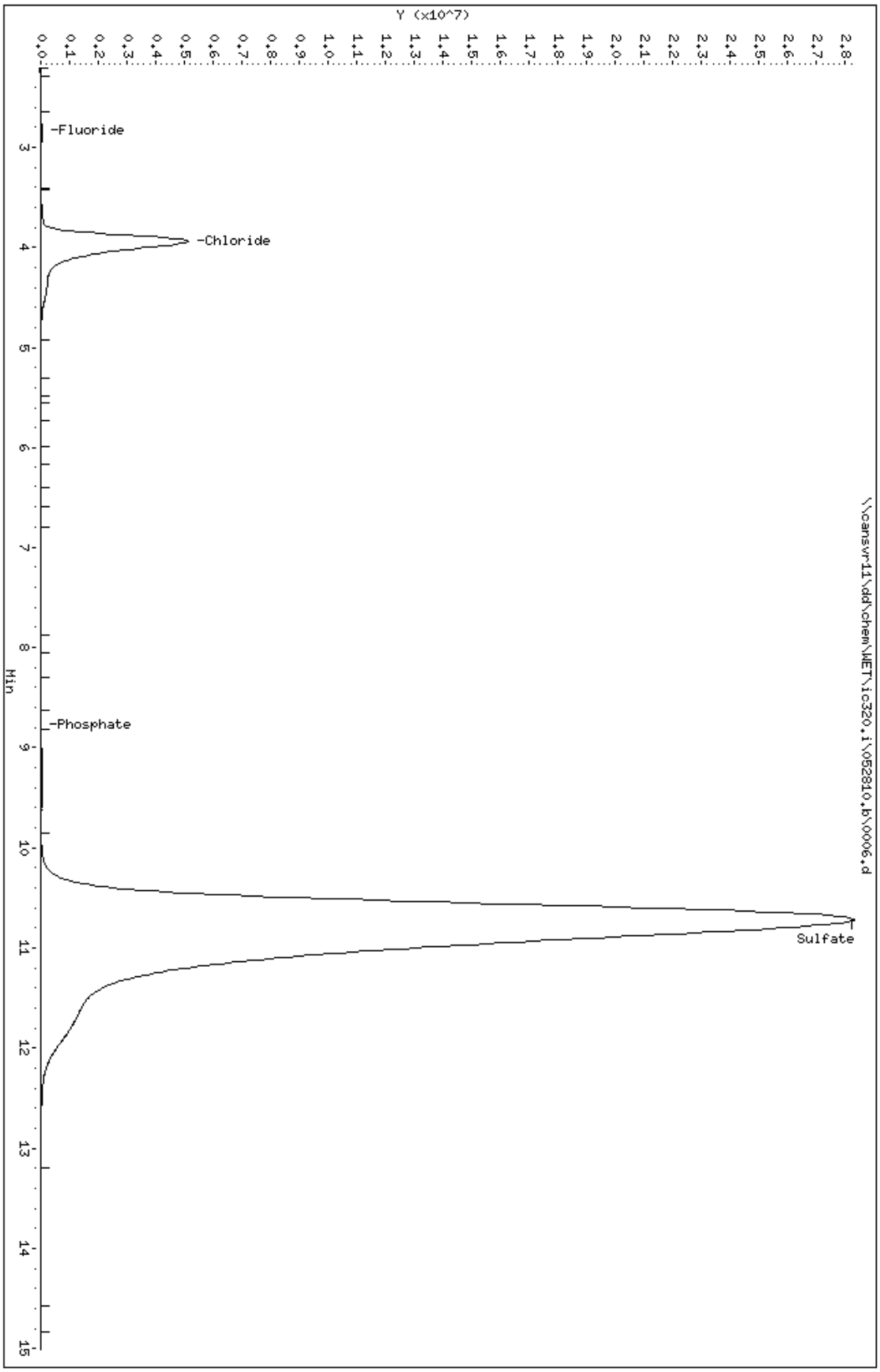
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	2.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.808	0.033	1061258	0.08512	0.1702
2 Chloride	3.933	3.933	0.000	64614438	6.28456	12.57
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.783	8.900	-0.117	6650	0.22569	0.4514
7 Sulfate	10.716	10.758	-0.042	875899596	128.351	256.7

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0006.d
Date : 28-MAY-2010 17:58
Client ID:
Sample Info: L16RE,2
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0007.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0007.d
Lab Smp Id: L12MR
Inj Date : 28-MAY-2010 18:15
Operator : 001754 Inst ID: ic320.i
Smp Info : L12MR
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

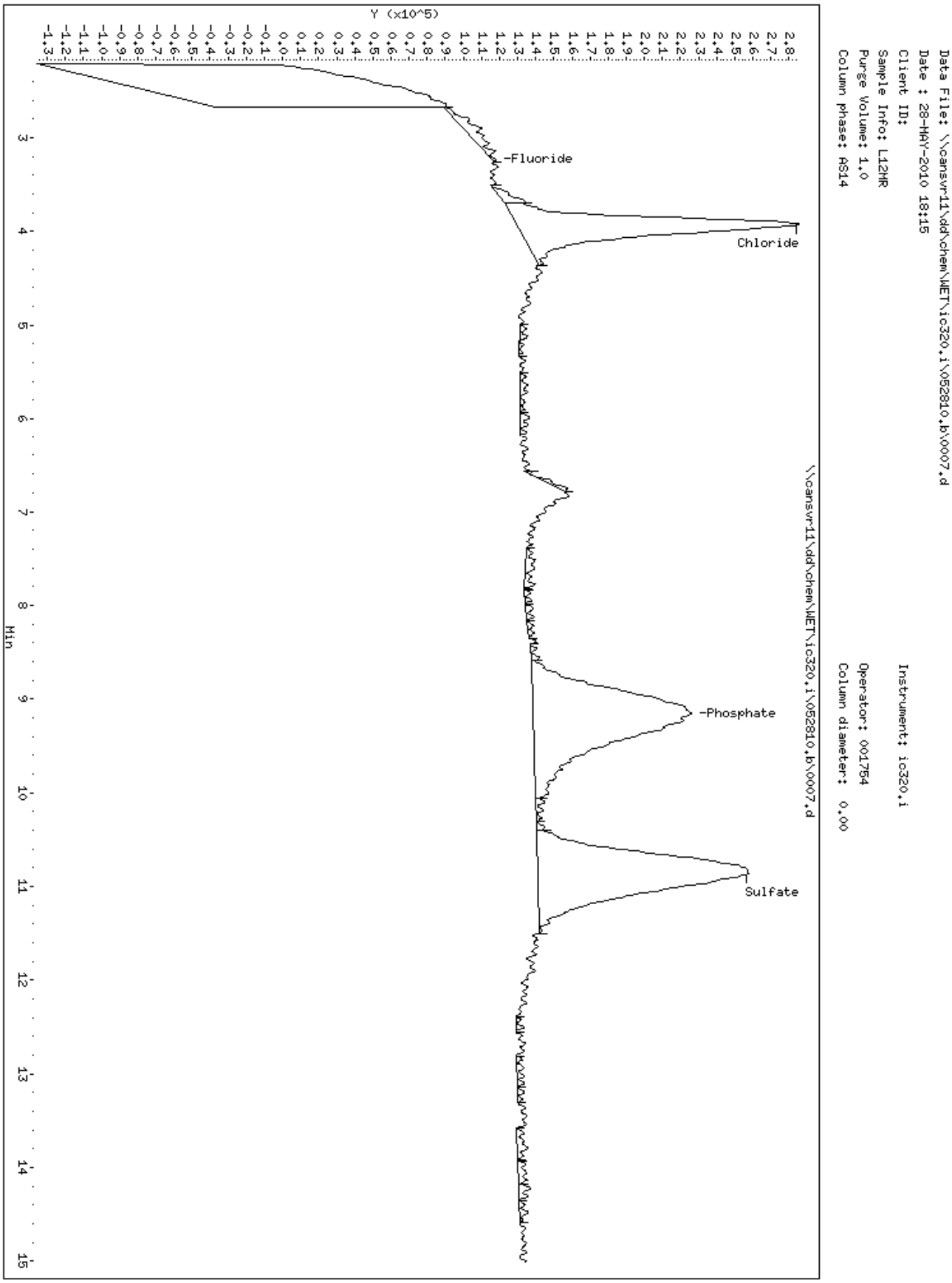
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

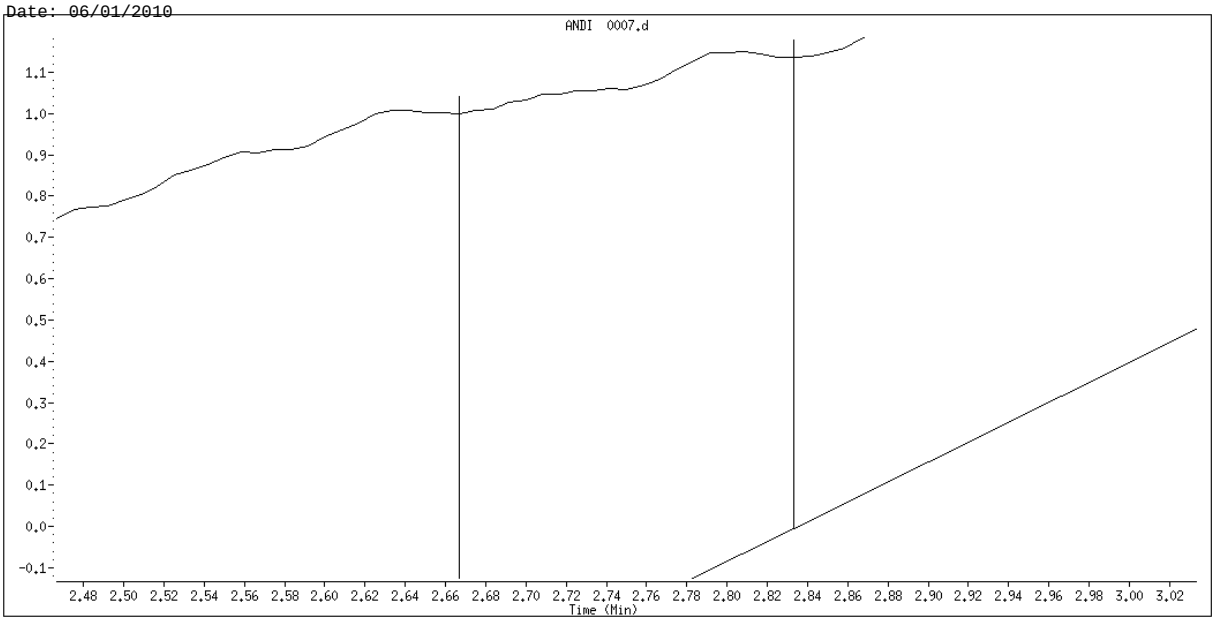
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
2 Chloride	3.925	3.950	-0.025	2062178	0.20057	0.2006(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.158	8.883	0.275	87566	0.44412	0.4441
7 Sulfate	10.858	10.725	0.133	3267741	0.47884	0.4788(a)

QC Flag Legend

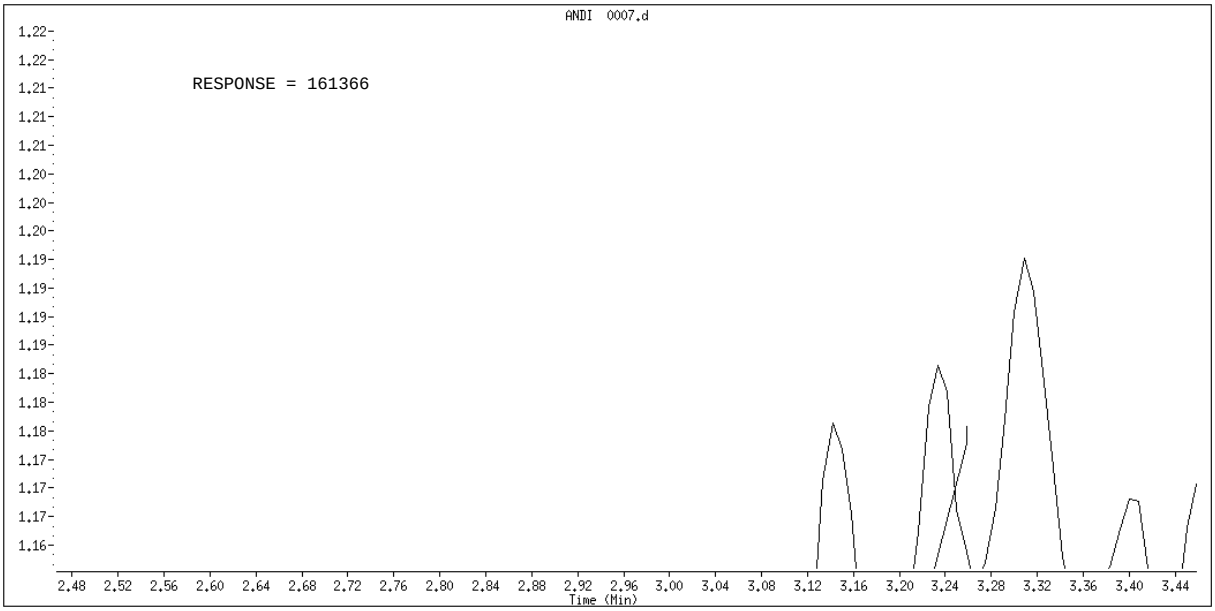
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0007.d
Date : 28-MAY-2010 18:15
Client ID:
Sample Info: L12HR
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0007.d
Y (x10^5)
Fluoride
Chloride
Phosphate
Sulfate
Min

Data File Name: 0007.d
Inj. Date and Time: 28-MAY-2010 18:15
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0008.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0008.d
Lab Smp Id: L12MK
Inj Date : 28-MAY-2010 18:33
Operator : 001754 Inst ID: ic320.i
Smp Info : L12MK
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

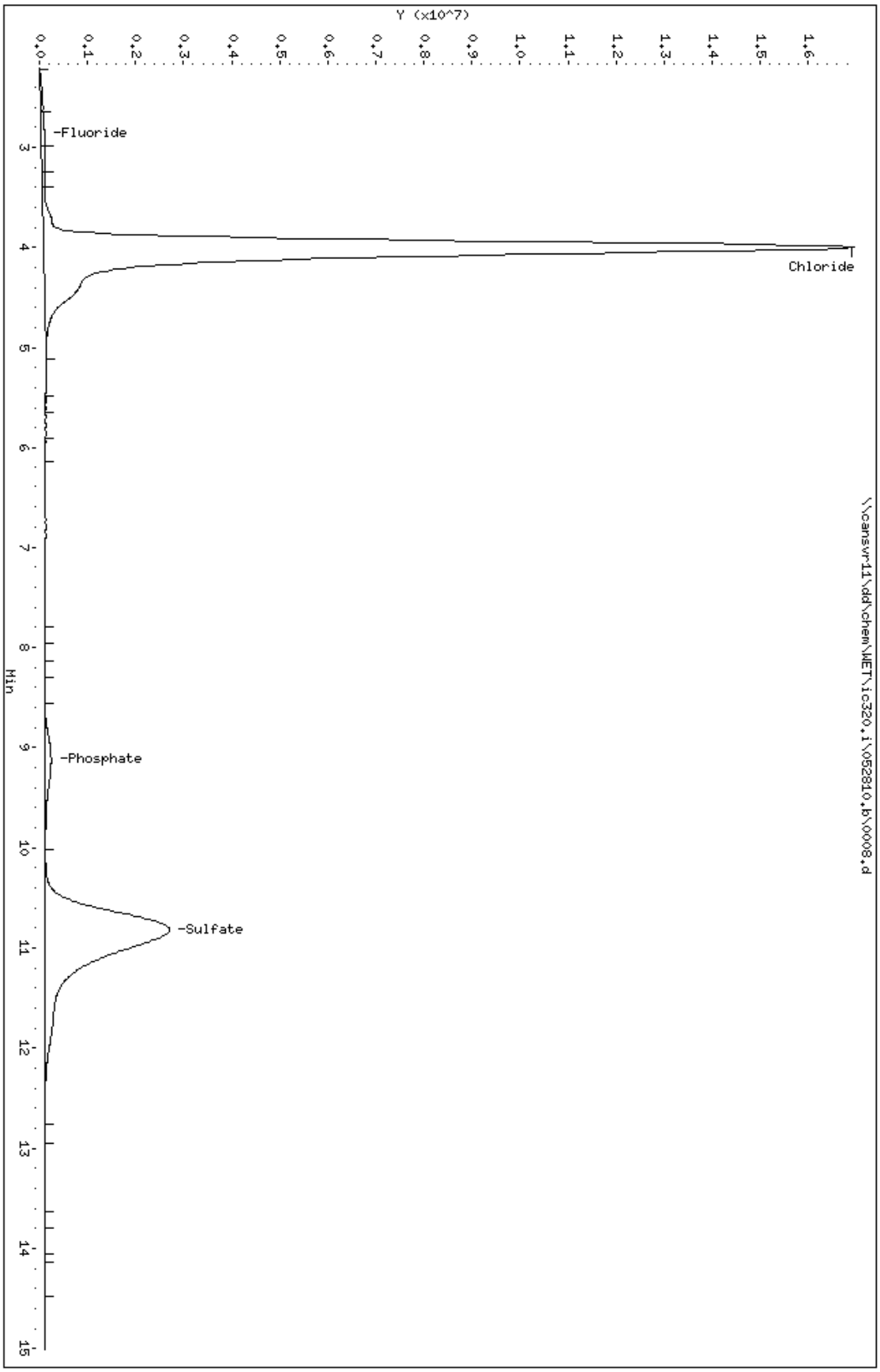
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.858	2.808	0.050	1366967	0.10965	0.1096
2 Chloride	4.000	3.933	0.067	195444542	19.0094	19.01
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.125	8.900	0.225	132296	0.56487	0.5649
7 Sulfate	10.825	10.758	0.067	85710182	12.5596	12.56

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0008.d
Date : 28-MAY-2010 18:33
Client ID:
Sample Info: L12MK
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0009.d
Report Date: 01-Jun-2010 13:13

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0009.d
Lab Smp Id: L12MM
Inj Date : 28-MAY-2010 18:50
Operator : 001754 Inst ID: ic320.i
Smp Info : L12MM
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

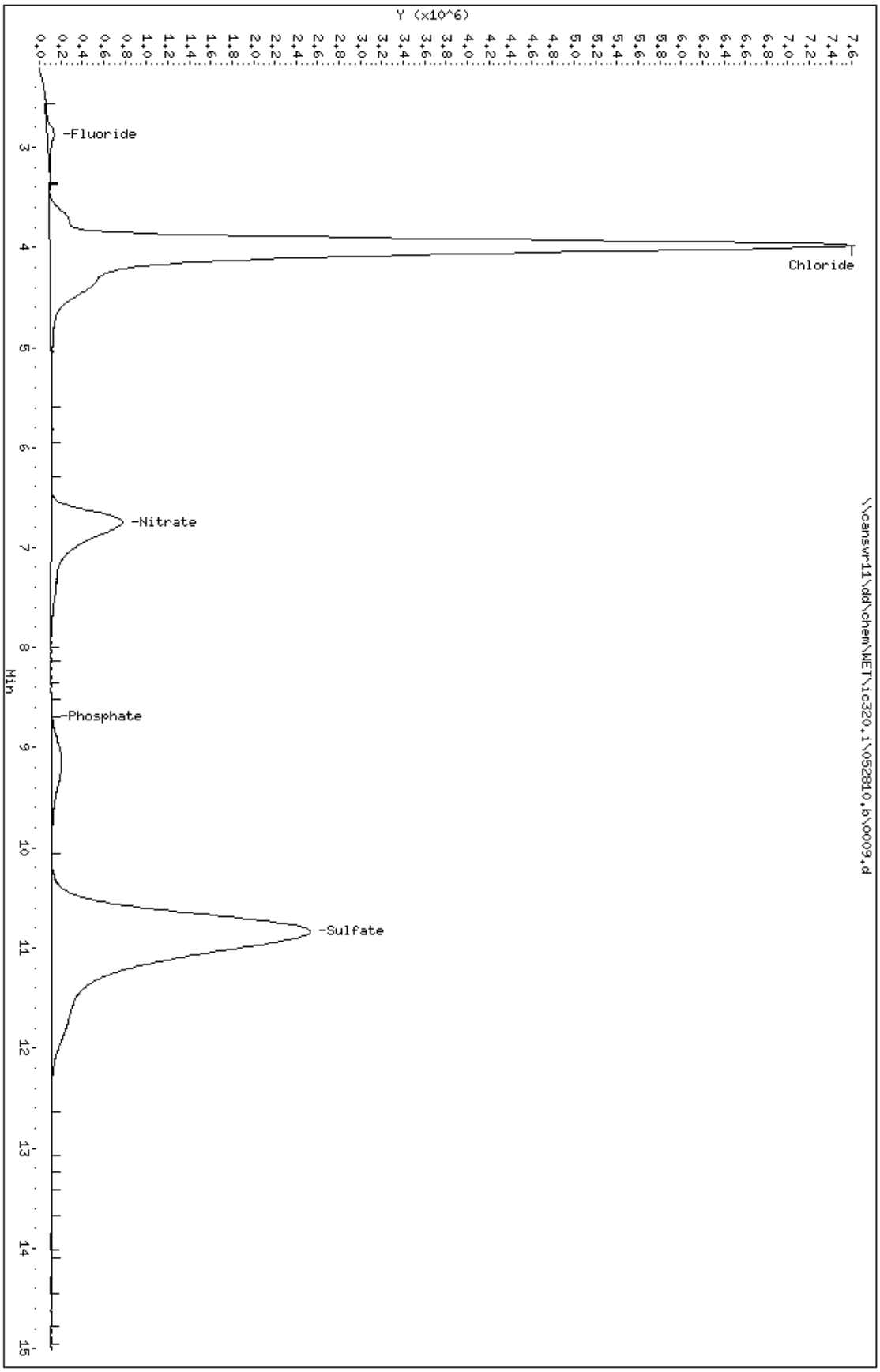
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.875	2.825	0.050	1016846	0.08156	0.08156(M)
2 Chloride	3.975	3.950	0.025	90553047	8.80741	8.807(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.758	6.708	0.050	14909787	0.72109	0.7211
6 Phosphate	8.691	8.883	-0.192	5521	0.22264	0.2226
7 Sulfate	10.841	10.725	0.116	78995752	11.5757	11.58

QC Flag Legend

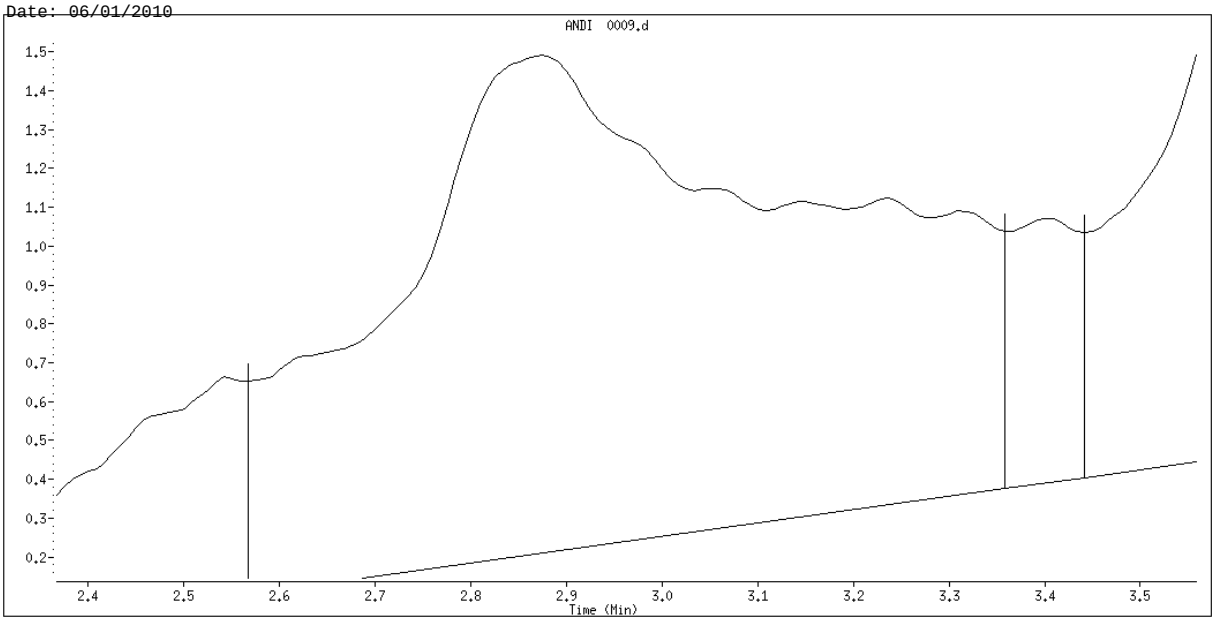
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0009.d
Date : 28-MAY-2010 18:50
Client ID:
Sample Info: L12MM
Purge Volume: 1.0
Column Phase: AS14

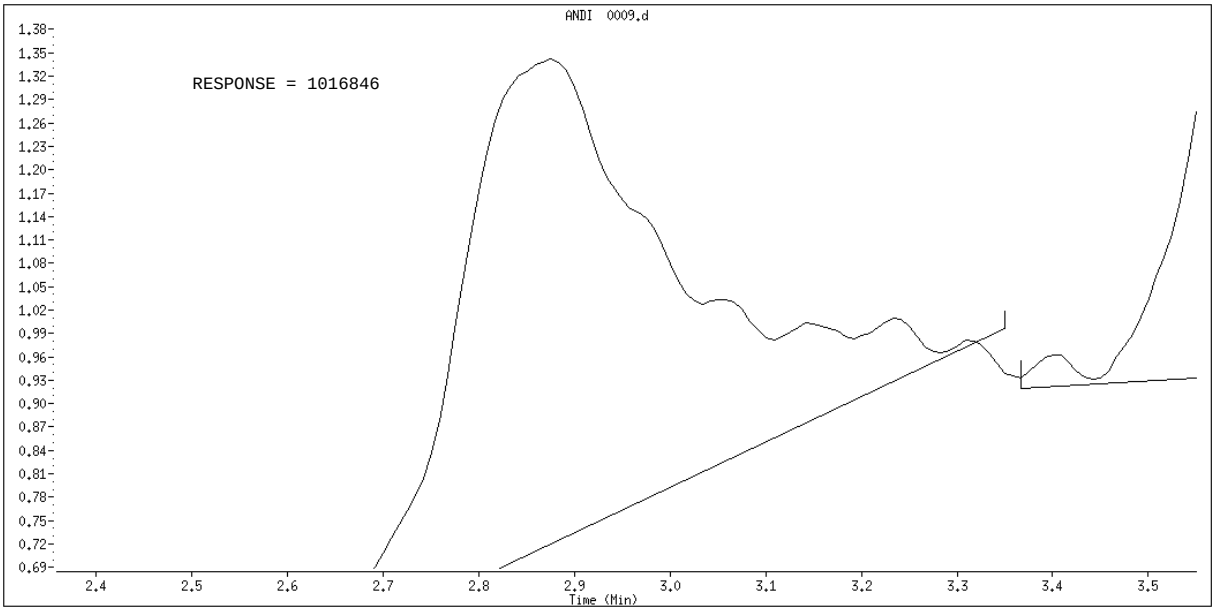
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0009.d
Inj. Date and Time: 28-MAY-2010 18:50
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



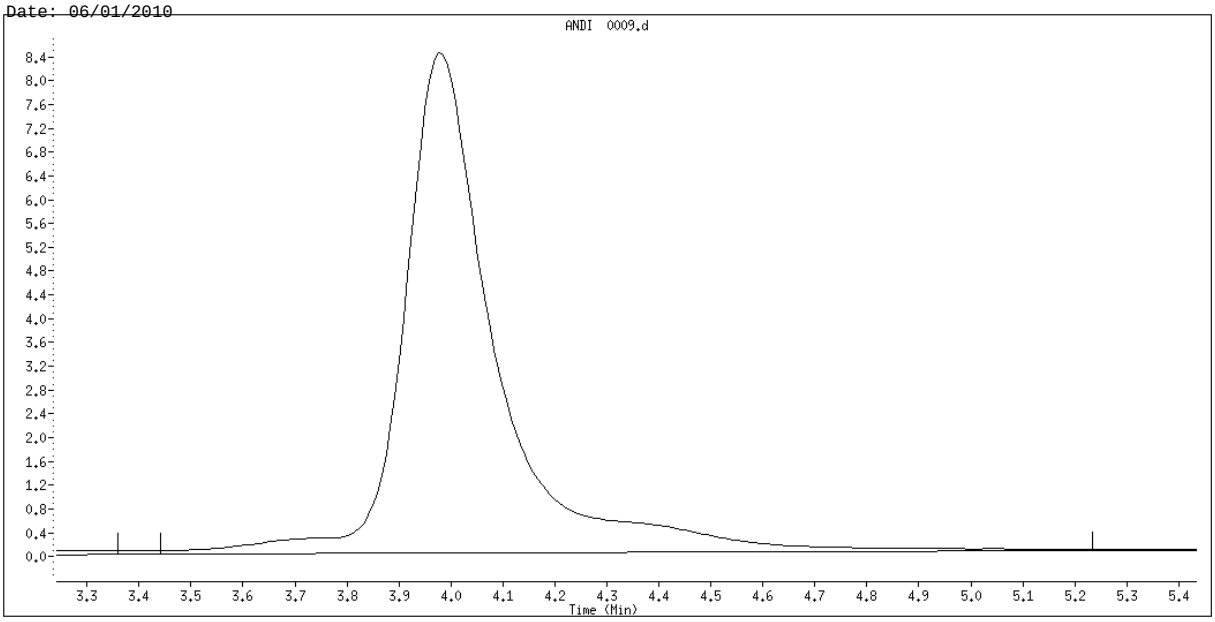
Original Integration



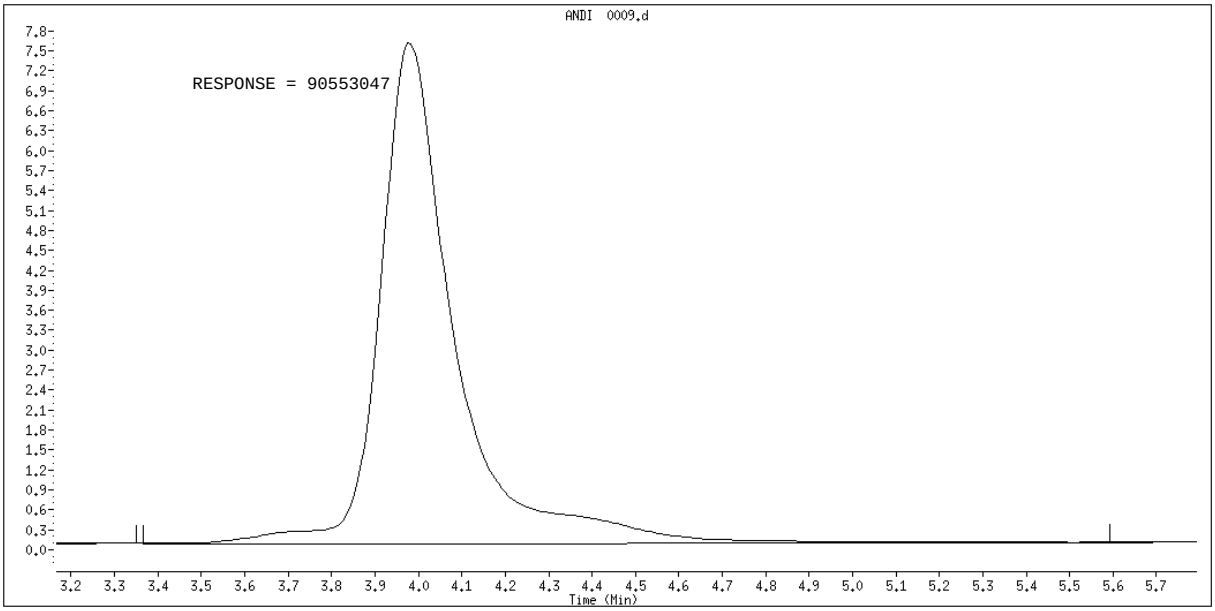
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0009.d
Inj. Date and Time: 28-MAY-2010 18:50
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0010.d
Report Date: 01-Jun-2010 13:13

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0010.d
Lab Smp Id: L12MN
Inj Date : 28-MAY-2010 19:08
Operator : 001754 Inst ID: ic320.i
Smp Info : L12MN
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

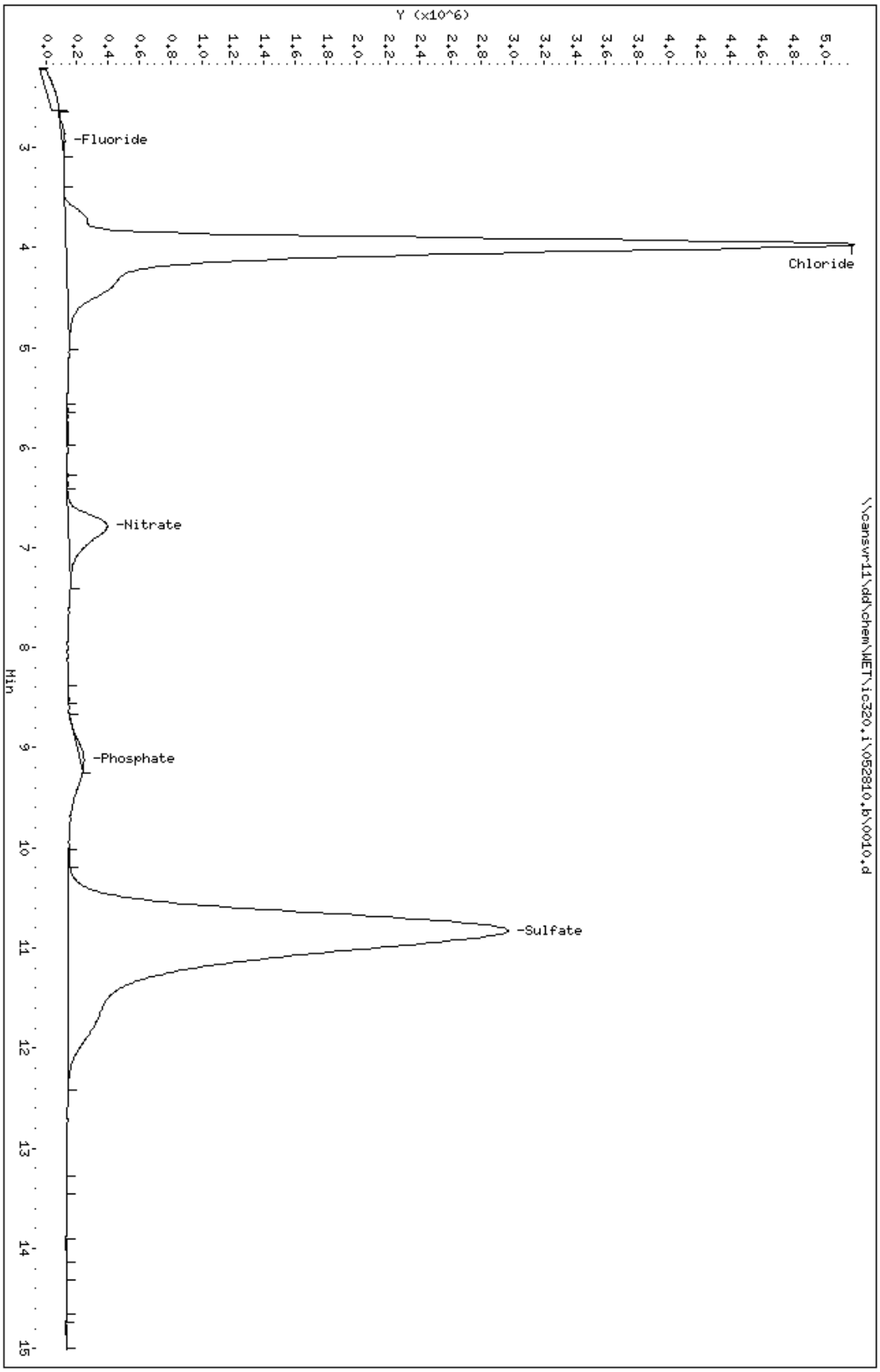
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.933	2.825	0.108	299653	0.02404	0.02404(aM)
2 Chloride	3.966	3.950	0.016	63930641	6.21805	6.218
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.791	6.708	0.083	4965302	0.24014	0.2401
6 Phosphate	9.125	8.883	0.242	23313	0.27067	0.2707(M)
7 Sulfate	10.833	10.725	0.108	91249416	13.3713	13.37

QC Flag Legend

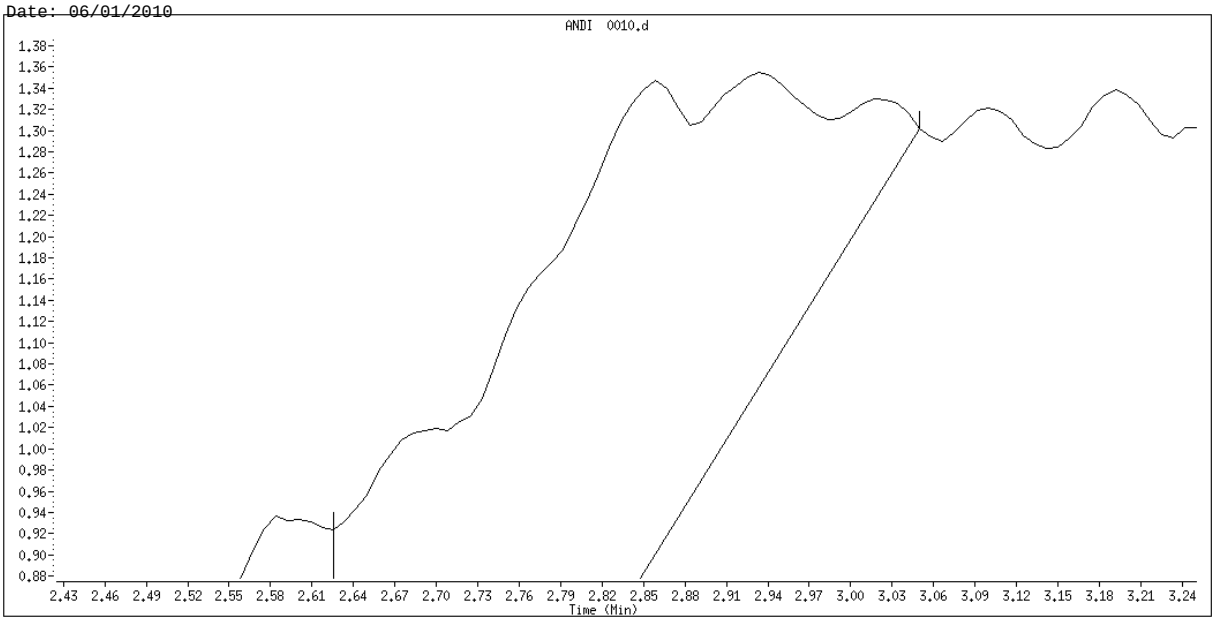
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0010.d
Date : 28-MAY-2010 19:08
Client ID:
Sample Info: L12MN
Purge Volume: 1.0
Column phase: AS14

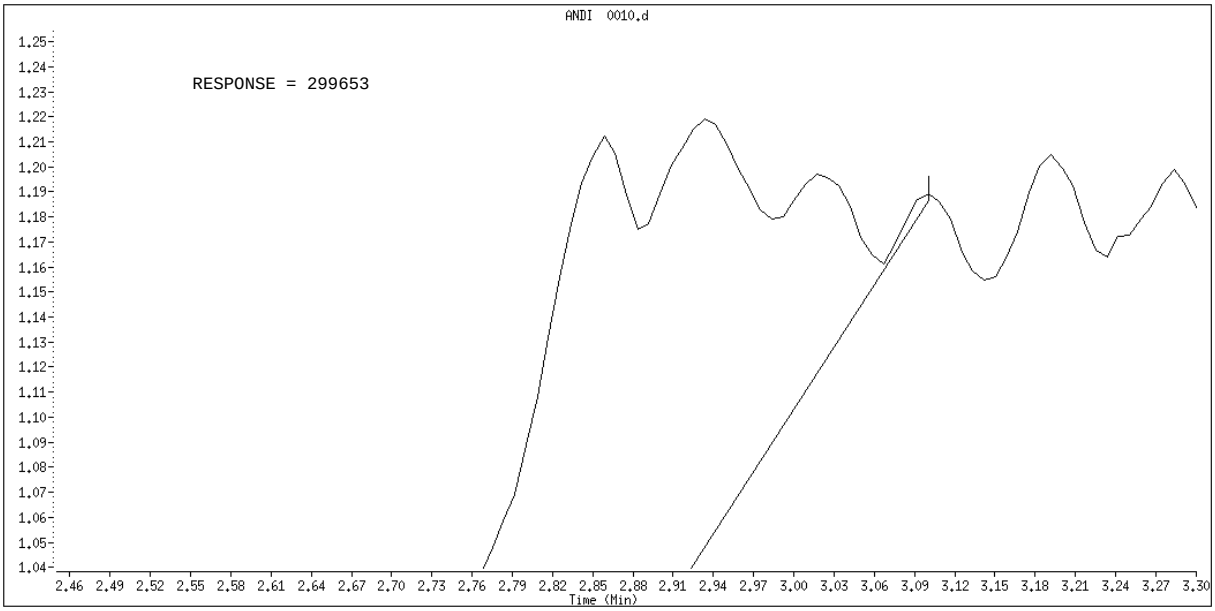
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0010.d
Inj. Date and Time: 28-MAY-2010 19:08
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



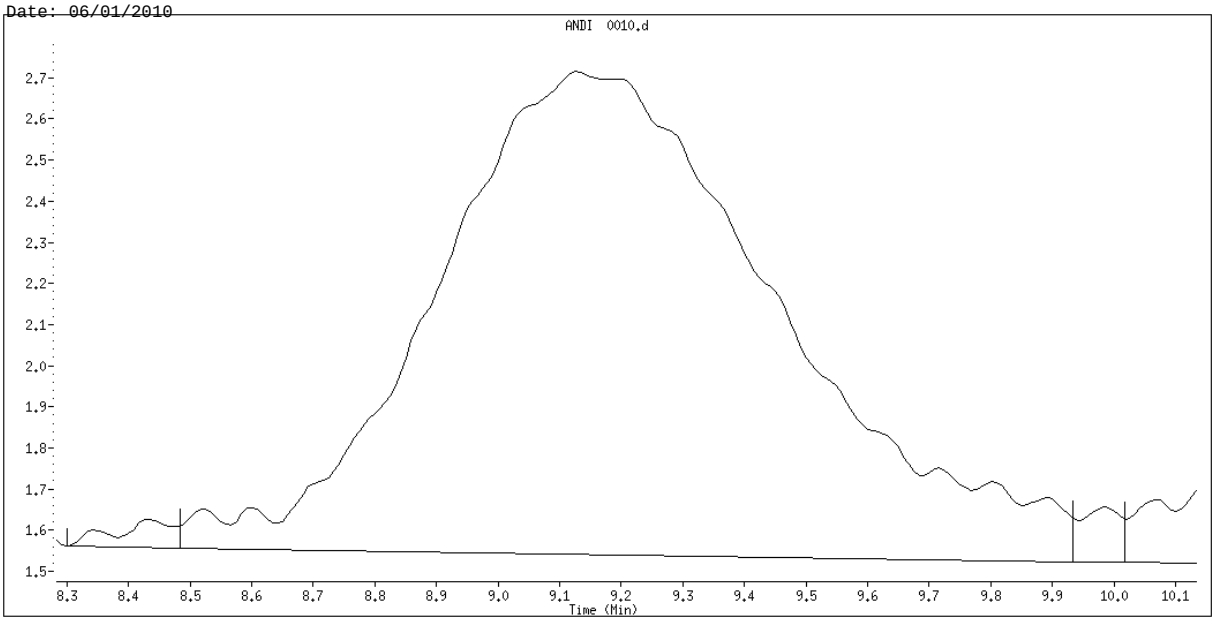
Original Integration



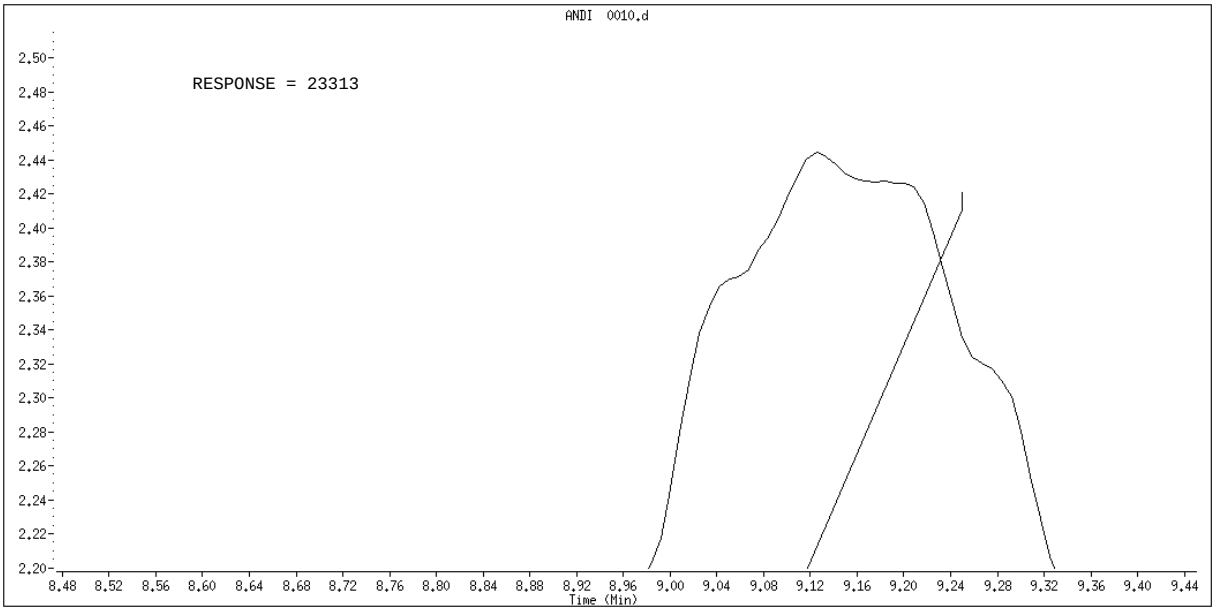
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0010.d
Inj. Date and Time: 28-MAY-2010 19:08
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0011.d
Report Date: 01-Jun-2010 13:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0011.d
Lab Smp Id: L12MP ORG
Inj Date : 28-MAY-2010 19:25
Operator : 001754 Inst ID: ic320.i
Smp Info : L12MP ORG
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

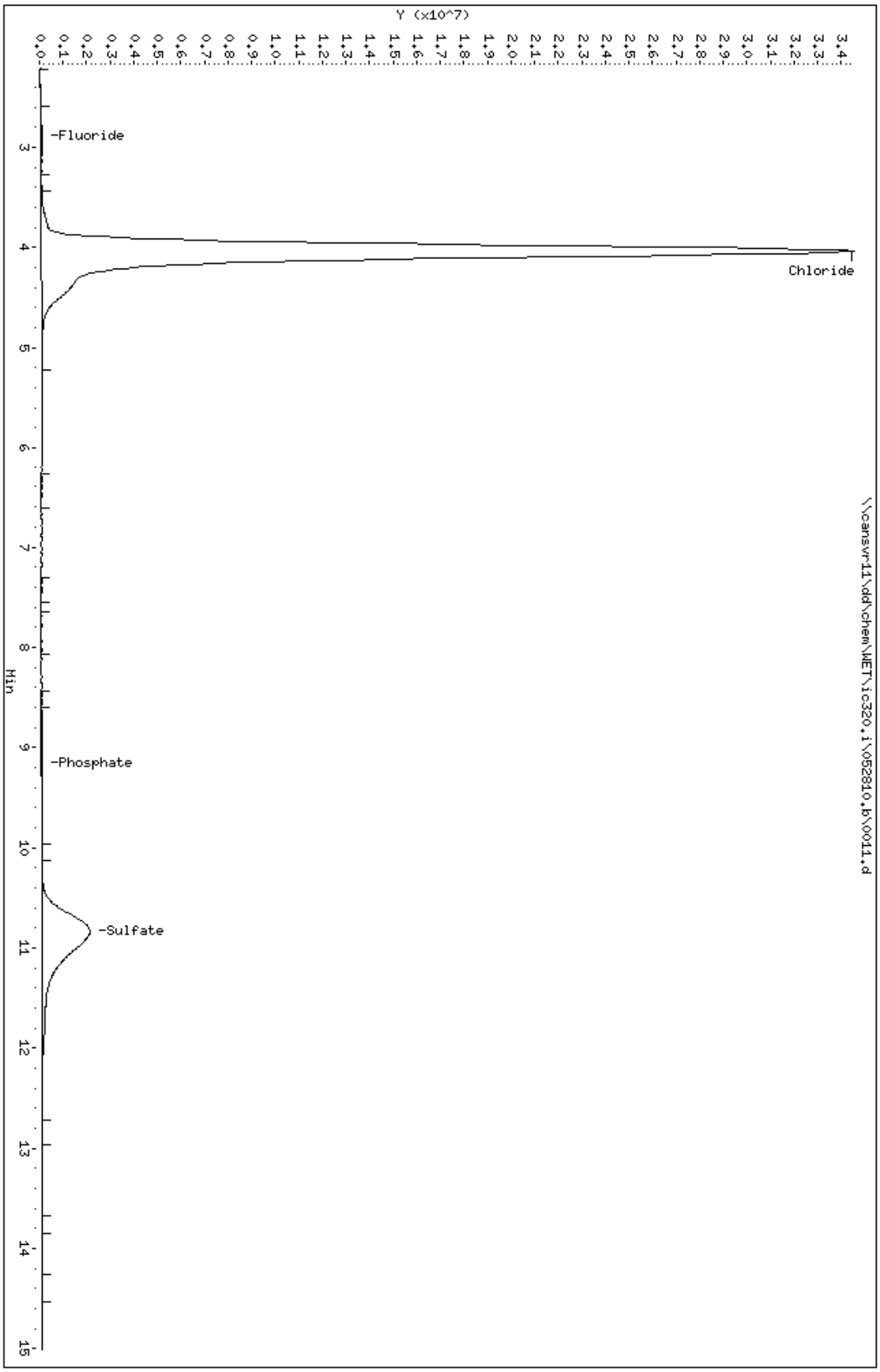
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.883	2.825	0.058	1136431	0.09115	0.09115(M)
2 Chloride	4.033	3.950	0.083	360168026	35.0308	35.03(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.166	8.883	0.283	55821	0.35843	0.3584
7 Sulfate	10.841	10.725	0.116	67631616	9.91047	9.910

QC Flag Legend

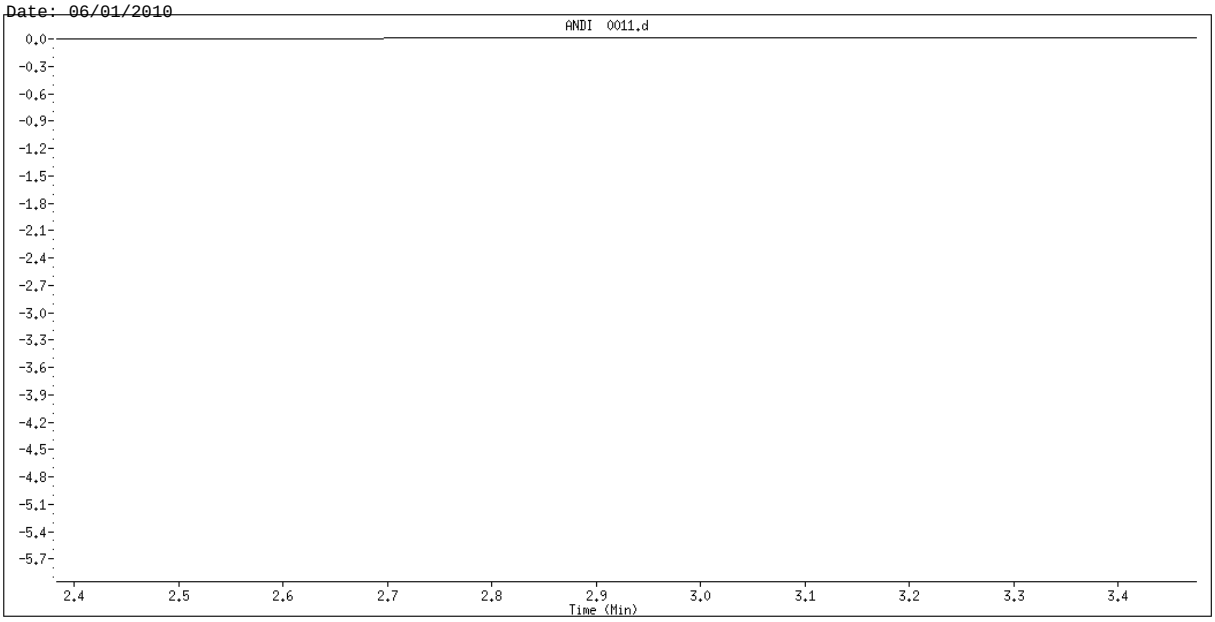
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0011.d
Date : 28-MAY-2010 19:25
Client ID:
Sample Info: L12HP ORG
Purge Volume: 1.0
Column Phase: AS14

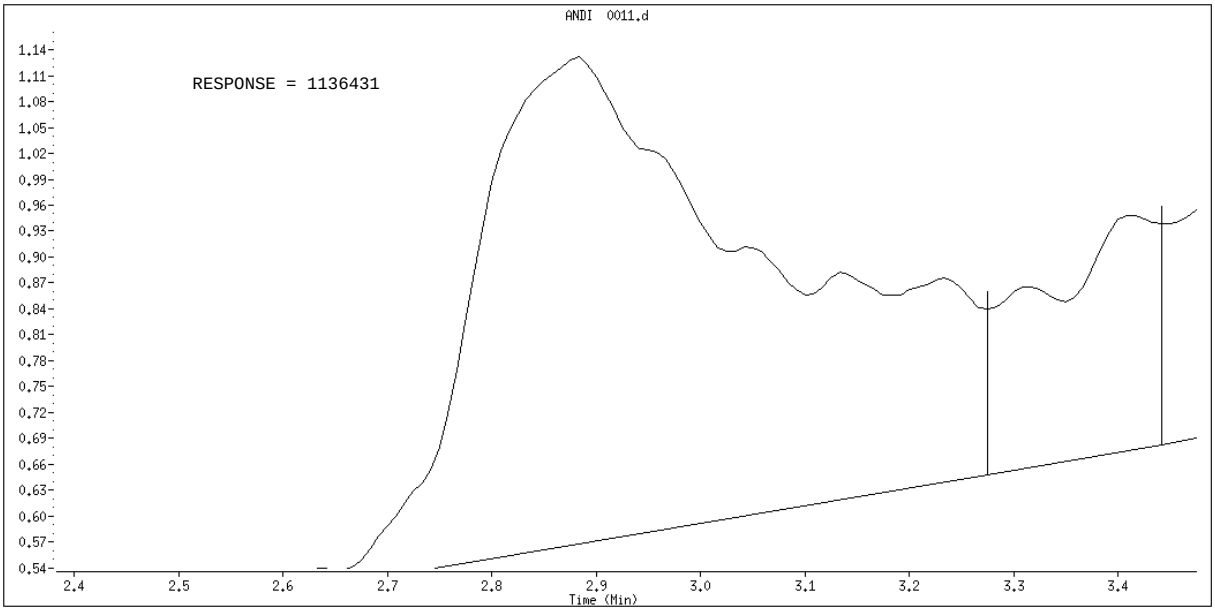
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0011.d
Inj. Date and Time: 28-MAY-2010 19:25
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



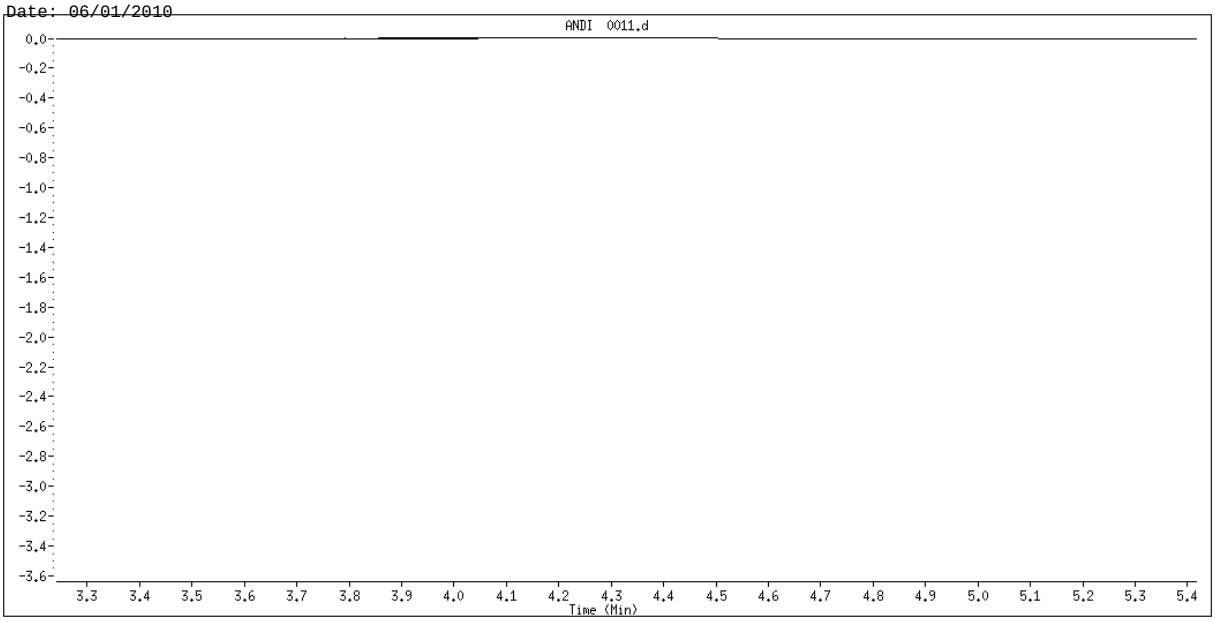
Original Integration



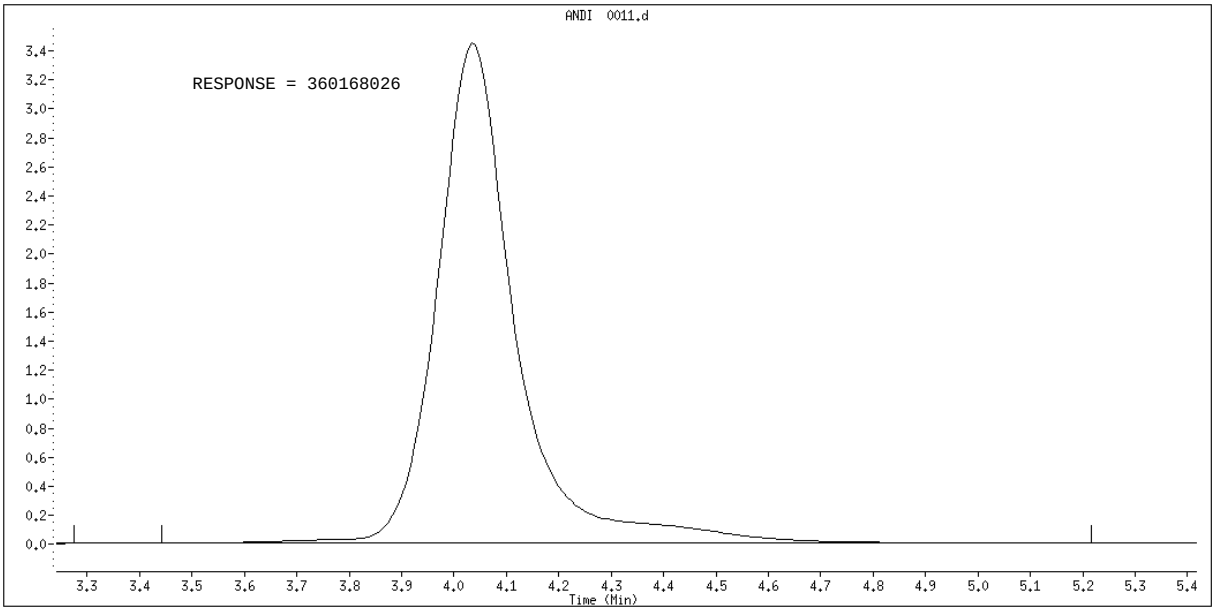
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0011.d
Inj. Date and Time: 28-MAY-2010 19:25
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0012.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0012.d
Lab Smp Id: L12MP MS
Inj Date : 28-MAY-2010 19:42
Operator : 001754 Inst ID: ic320.i
Smp Info : L12MP MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

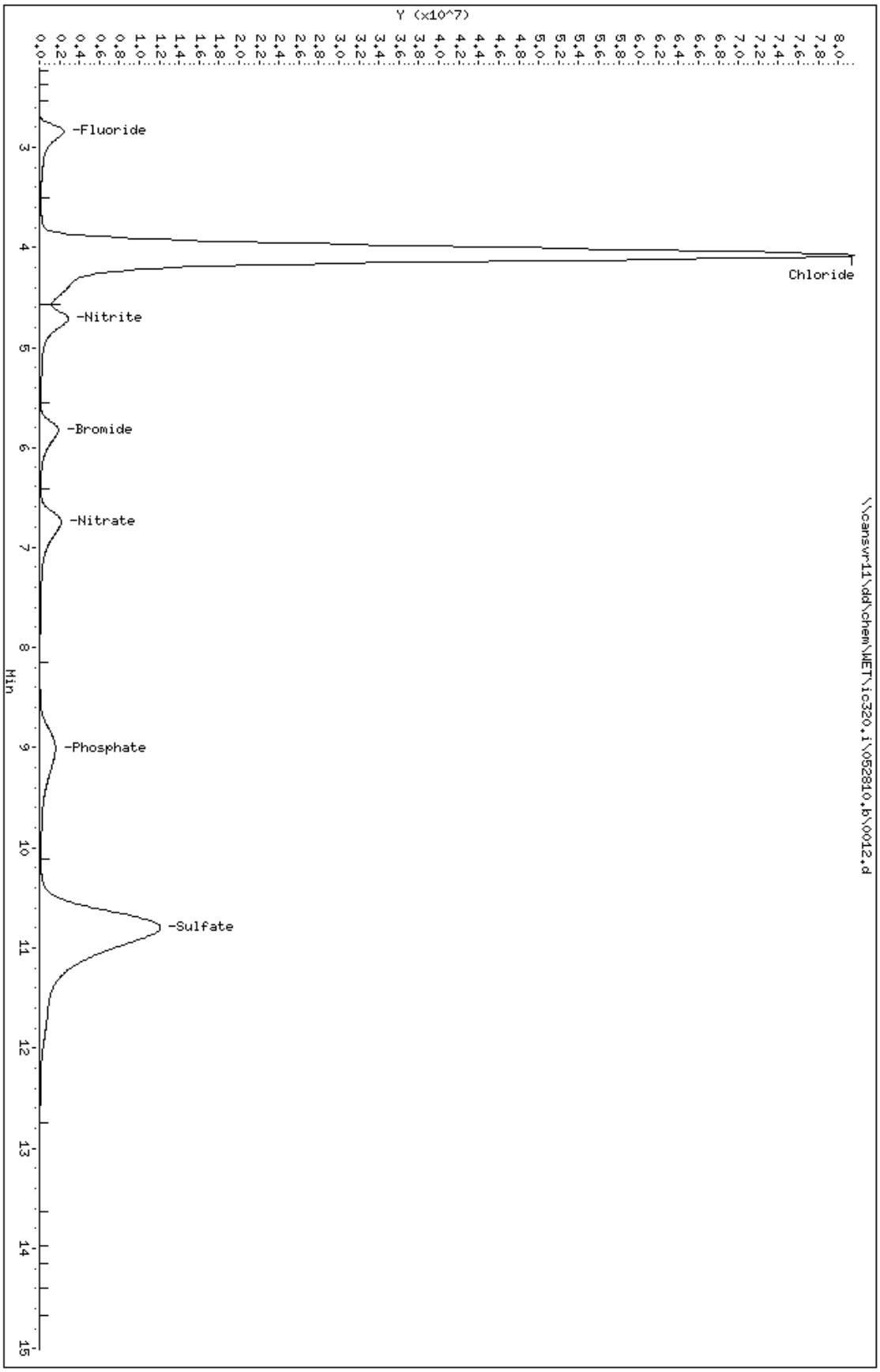
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.808	0.033	36442174	2.92307	2.923(R)
2 Chloride	4.075	3.933	0.142	906396029	88.1583	88.16(R)
3 Nitrite	4.708	4.625	0.083	48859725	2.69425	2.694
4 Bromide	5.825	5.783	0.042	34533619	9.26251	9.262
5 Nitrate	6.750	6.716	0.034	50001124	2.41823	2.418
6 Phosphate	9.016	8.900	0.116	1553554	4.40153	4.402(R)
7 Sulfate	10.800	10.758	0.042	381037881	55.8358	55.84(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0012.d
Date : 28-MAY-2010 19:42
Client ID:
Sample Info: L12HP MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0013.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 28-MAY-2010 20:00
Lab File ID: 0013.d Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 17:19 19:38
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
1 Fluoride	12467102	11938337	11938337	0.010	4.24128	10.00000	Averaged	
2 Chloride	10281456	10071816	10071816	0.010	2.03902	10.00000	Averaged	
3 Nitrite	18134799	18822418	18822418	0.010	-3.79171	10.00000	Averaged	
4 Bromide	3728320	3476720	3476720	0.010	6.74835	10.00000	Averaged	
5 Nitrate	20676775	20150629	20150629	0.010	2.54462	10.00000	Averaged	
6 Phosphate	2.50000	2.22202	298470	0.010	11.11909	10.00000	Linear	<-
7 Sulfate	6824259	6349908	6349908	0.010	6.95095	10.00000	Averaged	

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0013.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0013.d
Lab Smp Id: CCV
Inj Date : 28-MAY-2010 20:00
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

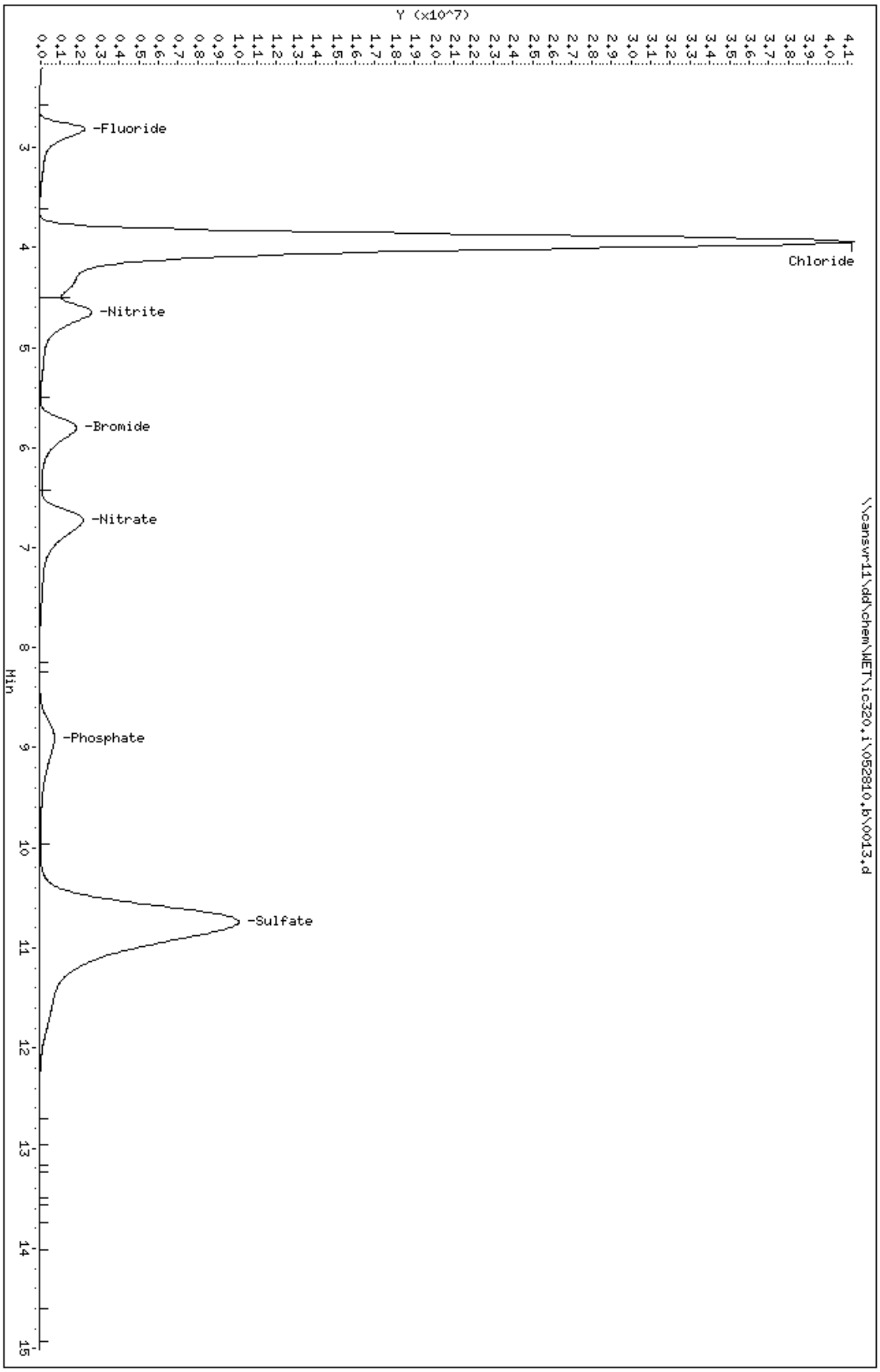
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.816	2.816	0.000	29845843	2.50000	2.394
2 Chloride	3.941	3.941	0.000	503590794	50.0000	48.98
3 Nitrite	4.641	4.641	0.000	47056045	2.50000	2.595
4 Bromide	5.800	5.800	0.000	34767198	10.0000	9.325
5 Nitrate	6.733	6.733	0.000	50376573	2.50000	2.436
6 Phosphate	8.908	8.908	0.000	746175	2.50000	2.222
7 Sulfate	10.741	10.741	0.000	317495396	50.0000	46.52

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0013.d
Date : 28-MAY-2010 20:00
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0014.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0014.d
Lab Smp Id: CCB
Inj Date : 28-MAY-2010 20:17
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

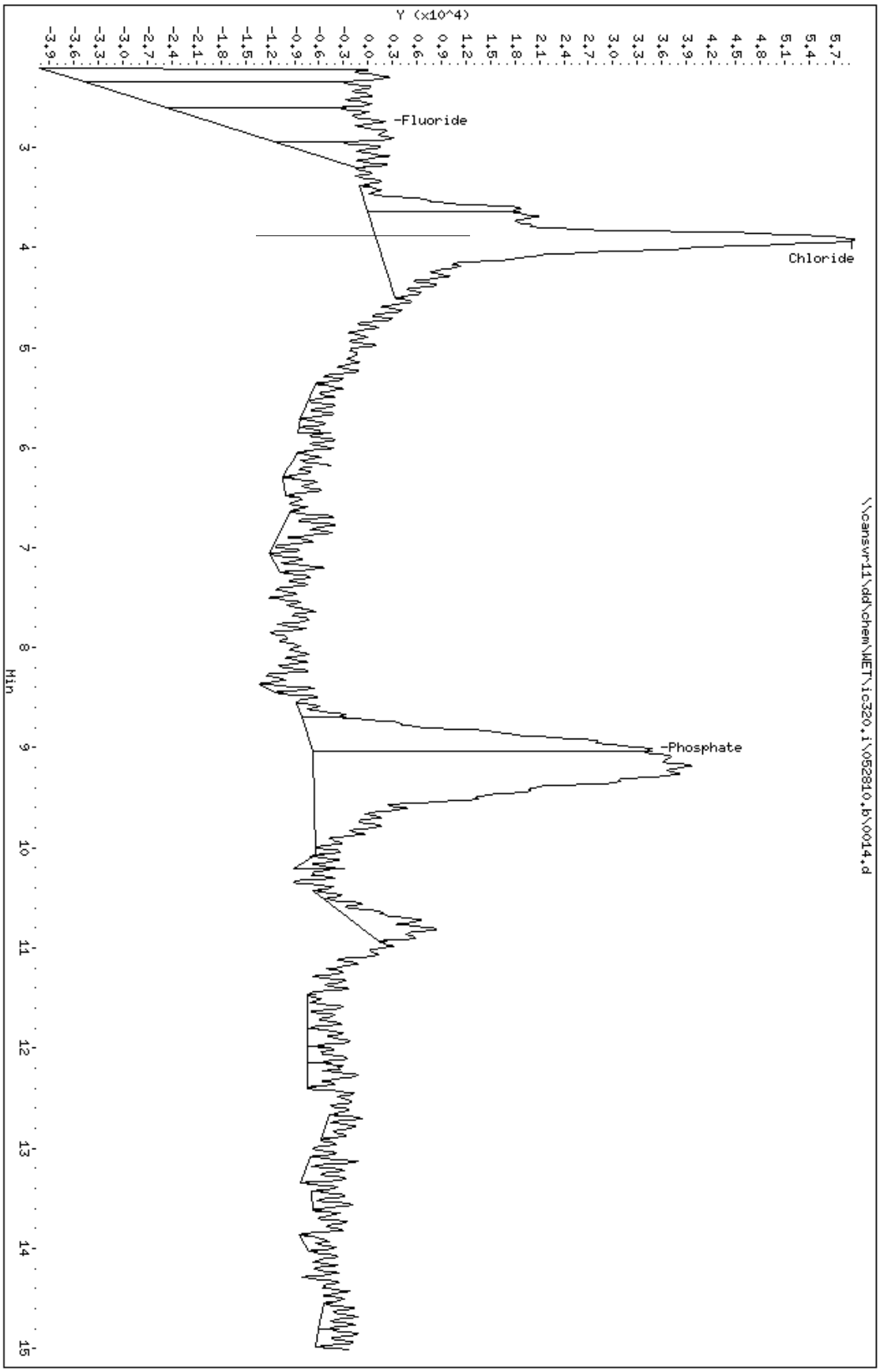
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.741	2.816	-0.075	375308	0.03010	0.03010(a)
2 Chloride	3.916	3.941	-0.025	1049331	0.10206	0.1021(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.016	8.908	0.108	41578	0.31998	0.3200
7 Sulfate	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).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Date : 28-MAY-2010 20:17
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0014.d
Y (x10^4)
-Fluoride
Chloride
-Phosphate
Min

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0015.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0015.d
Lab Smp Id: LCS
Inj Date : 28-MAY-2010 20:35
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

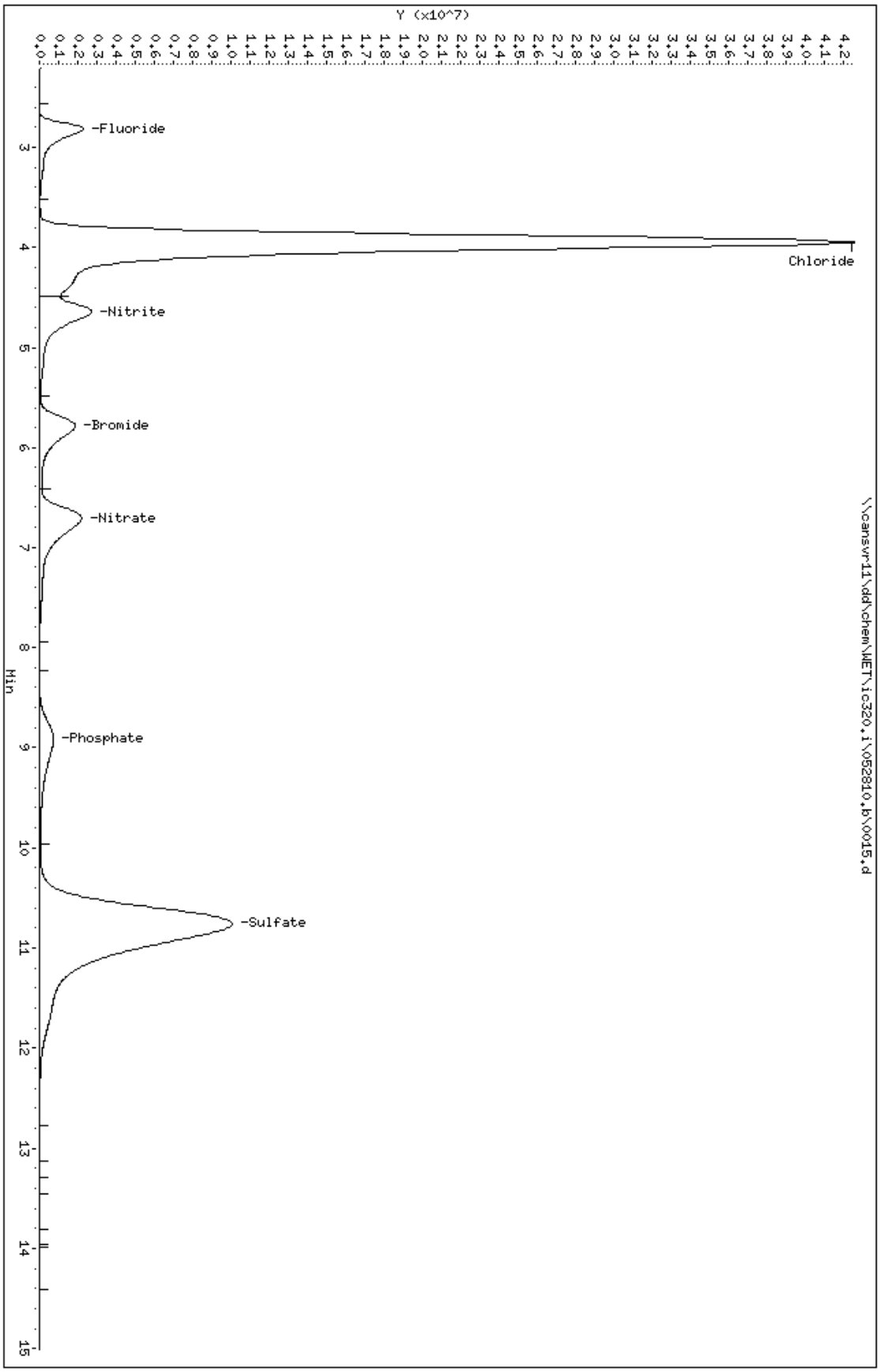
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.816	0.000	28628877	2.29635	2.296
2 Chloride	3.941	3.941	0.000	500228027	48.6534	48.65
3 Nitrite	4.641	4.641	0.000	46588926	2.56903	2.569
4 Bromide	5.775	5.800	-0.025	33803935	9.06680	9.067
5 Nitrate	6.716	6.733	-0.017	48914649	2.36568	2.366
6 Phosphate	8.908	8.908	0.000	708404	2.12006	2.120(R)
7 Sulfate	10.758	10.741	0.017	316786414	46.4206	46.42

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0015.d
Date : 28-MAY-2010 20:35
Client ID:
Sample Info: LCS,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0016.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0016.d
Lab Smp Id: LCS DUP
Inj Date : 28-MAY-2010 20:52
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS DUP,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

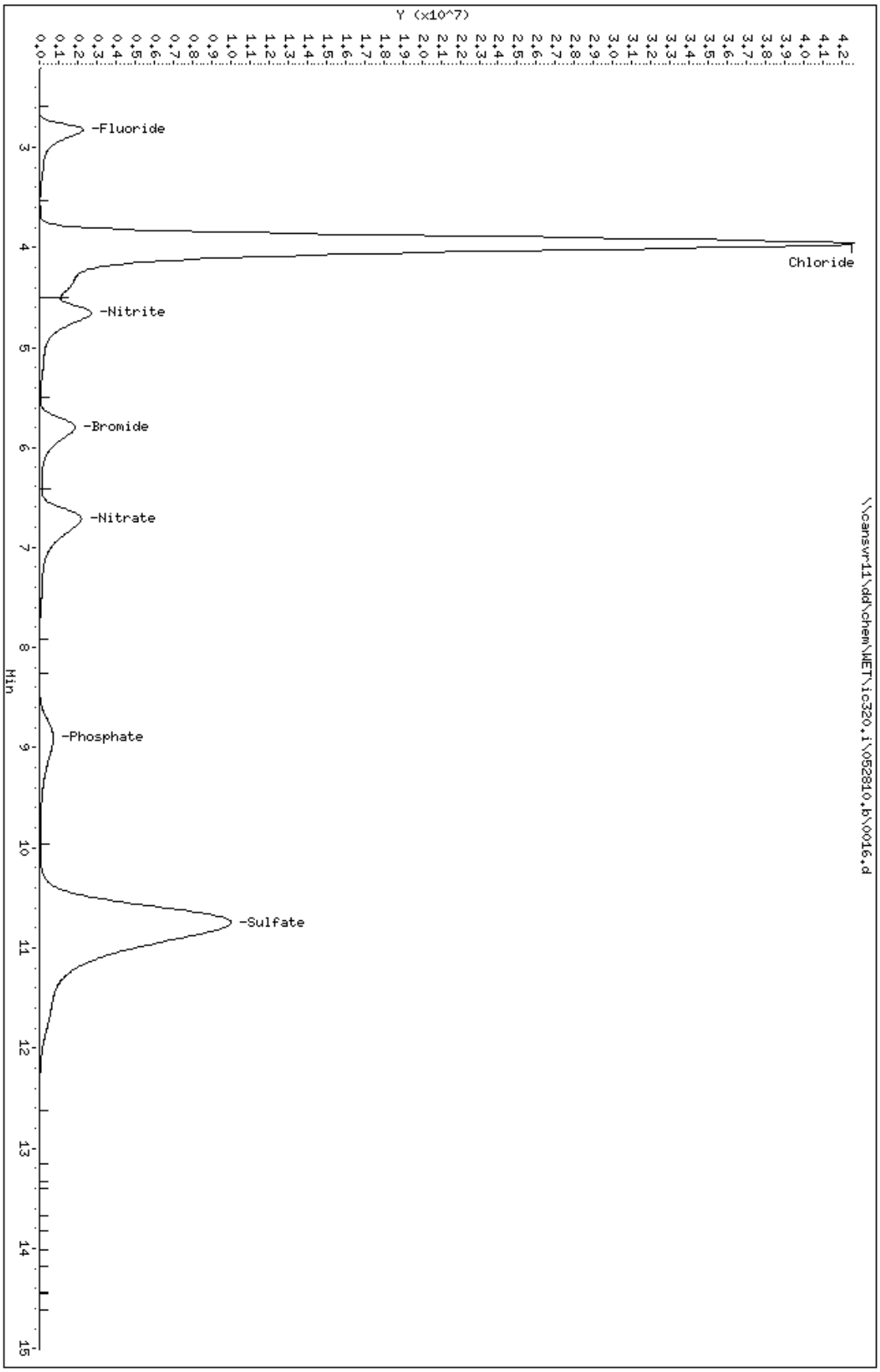
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	28663889	2.29916	2.299
2 Chloride	3.958	3.941	0.017	500276631	48.6581	48.66
3 Nitrite	4.650	4.641	0.009	46477686	2.56290	2.563
4 Bromide	5.791	5.800	-0.009	33410211	8.96120	8.961(R)
5 Nitrate	6.725	6.733	-0.008	48295354	2.33573	2.336
6 Phosphate	8.900	8.908	-0.008	719436	2.14984	2.150(R)
7 Sulfate	10.750	10.741	0.009	315610657	46.2483	46.25

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0016.d
Date : 28-MAY-2010 20:52
Client ID:
Sample Info: LCS DUP,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



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Report Date: 01-Jun-2010 13:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0017.d
Lab Smp Id: L1P4N ORG
Inj Date : 28-MAY-2010 21:09
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P4N ORG
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

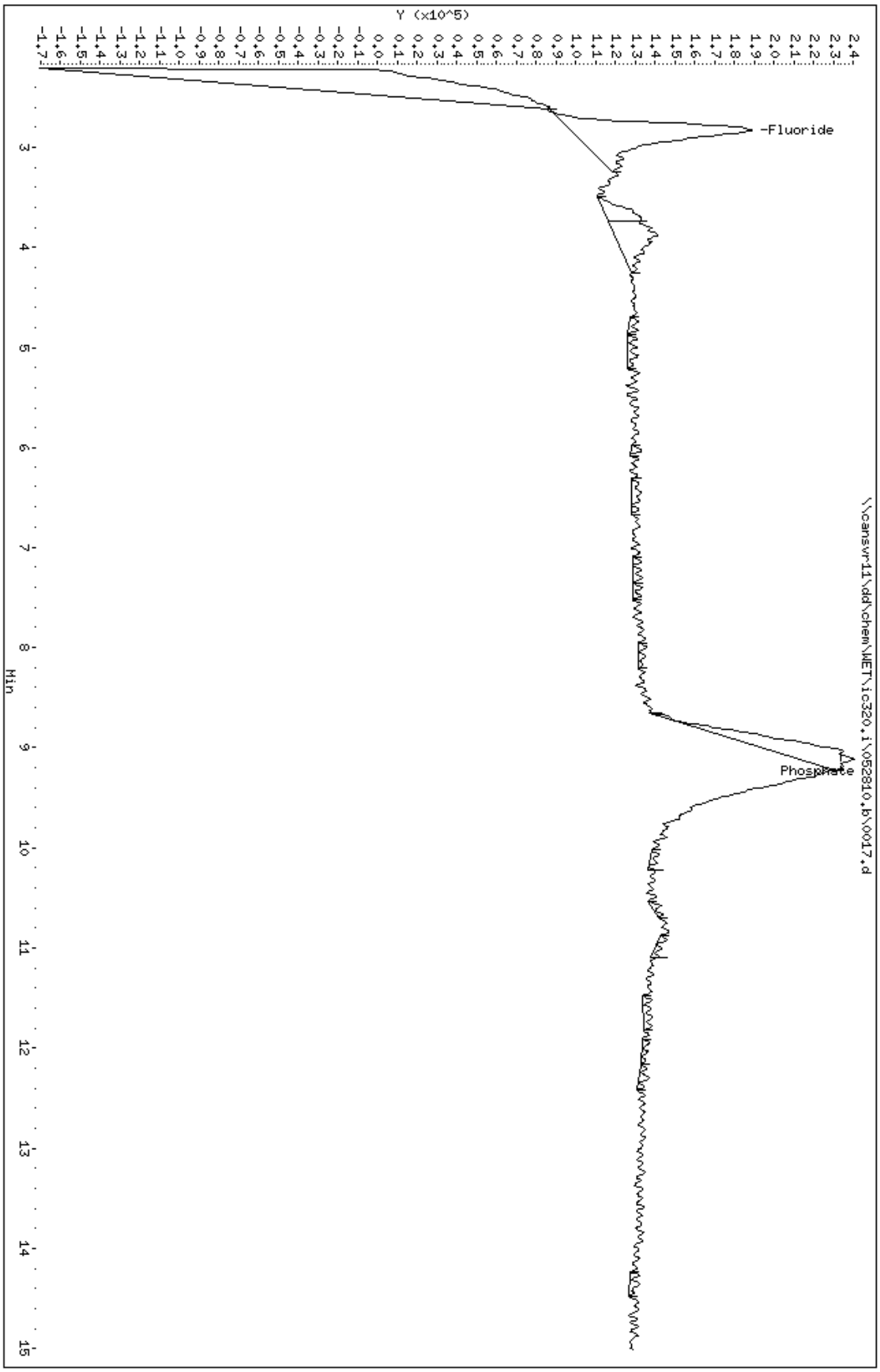
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.833	2.825	0.008	1172208	0.09402	0.09402(M)
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.033	8.883	0.150	36090	0.30516	0.3052
7 Sulfate	Compound Not Detected.					

QC Flag Legend

M - Compound response manually integrated.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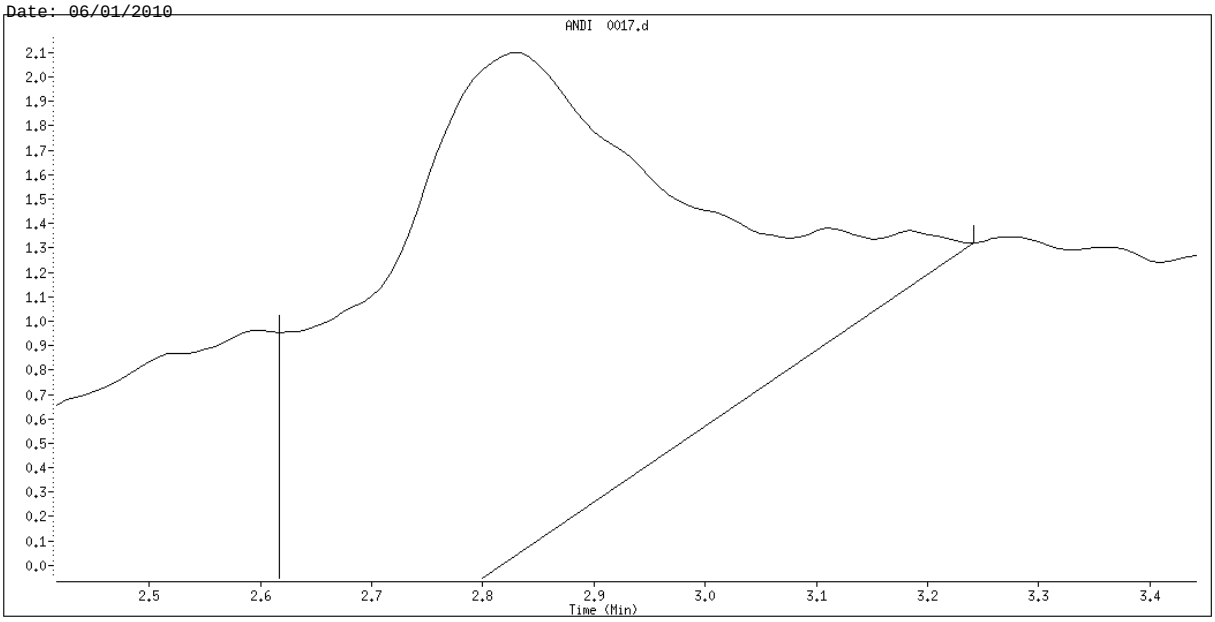
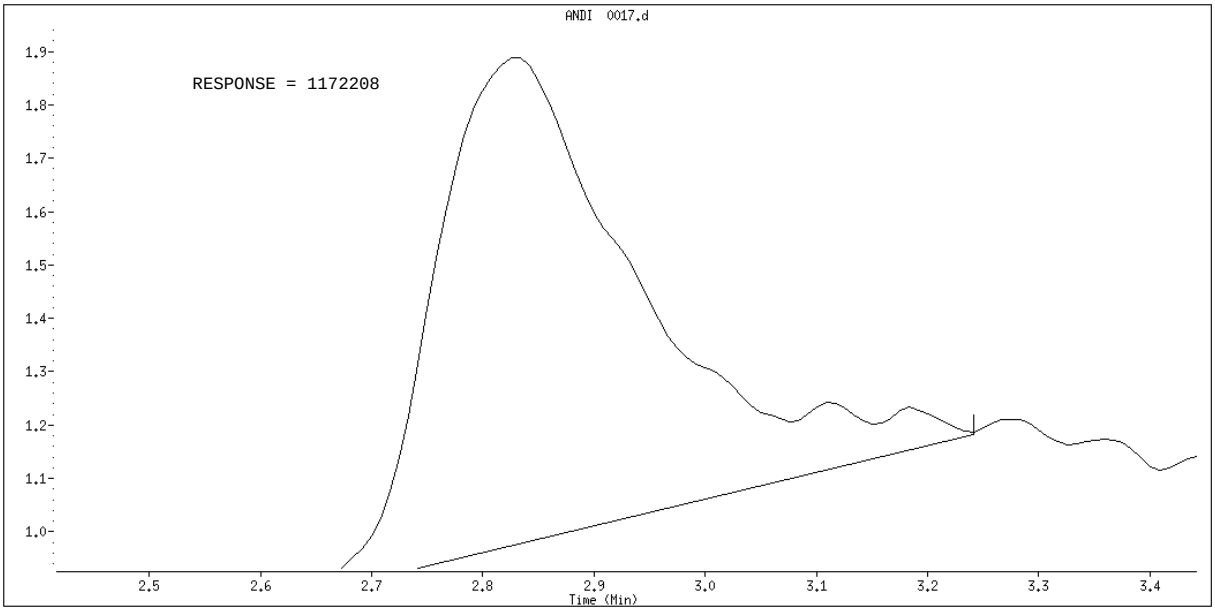
Date : 28-MAY-2010 21:09
Client ID:
Sample Info: L1P4N ORG
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0017.d
-Fluoride
Phosphate
Y (x10^5)
Min

Data File Name: 0017.d
Inj. Date and Time: 28-MAY-2010 21:09
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0018.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0018.d
Lab Smp Id: L1P4N MS
Inj Date : 28-MAY-2010 21:27
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P4N MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

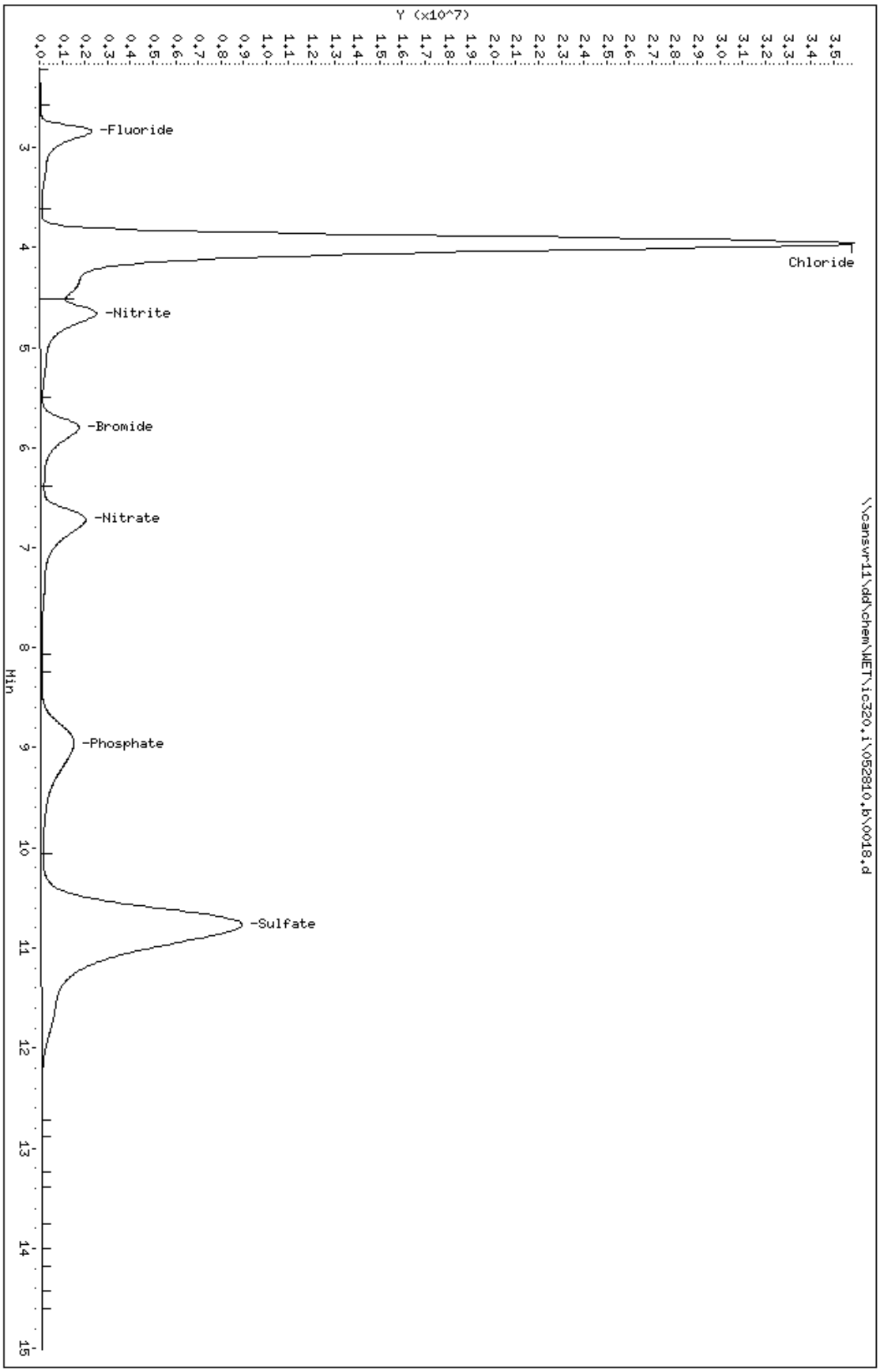
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.816	0.025	33547422	2.69088	2.691
2 Chloride	3.958	3.941	0.017	436411621	42.4465	42.45(R)
3 Nitrite	4.658	4.641	0.017	46715591	2.57602	2.576
4 Bromide	5.800	5.800	0.000	33248275	8.91776	8.918(R)
5 Nitrate	6.725	6.733	-0.008	48849715	2.36254	2.362
6 Phosphate	8.966	8.908	0.058	1457004	4.14089	4.141(R)
7 Sulfate	10.775	10.741	0.034	281849772	41.3012	41.30(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0018.d
Date : 28-MAY-2010 21:27
Client ID:
Sample Info: L1P4N MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0019.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0019.d
Lab Smp Id: L1P4Q
Inj Date : 28-MAY-2010 21:44
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P4Q
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

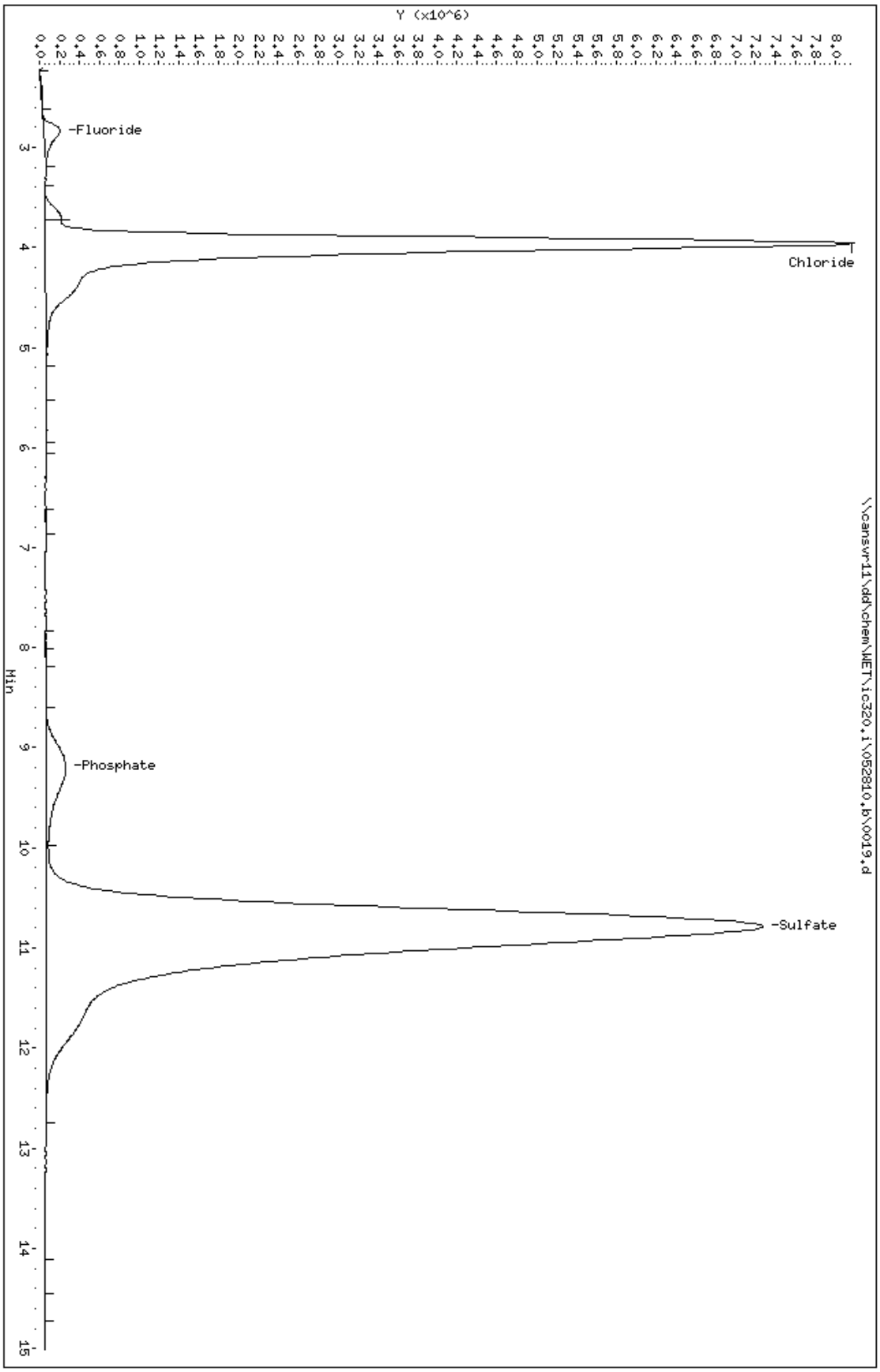
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.833	2.816	0.017	1936786	0.15535	0.1554
2 Chloride	3.958	3.941	0.017	93026234	9.04796	9.048
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.191	8.908	0.283	201941	0.75287	0.7529
7 Sulfate	10.783	10.741	0.042	226449192	33.1830	33.18

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0019.d
Date : 28-MAY-2010 21:44
Client ID:
Sample Info: L1P4Q
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0020.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0020.d
Lab Smp Id: L1P4R
Inj Date : 28-MAY-2010 22:02
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P4R
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

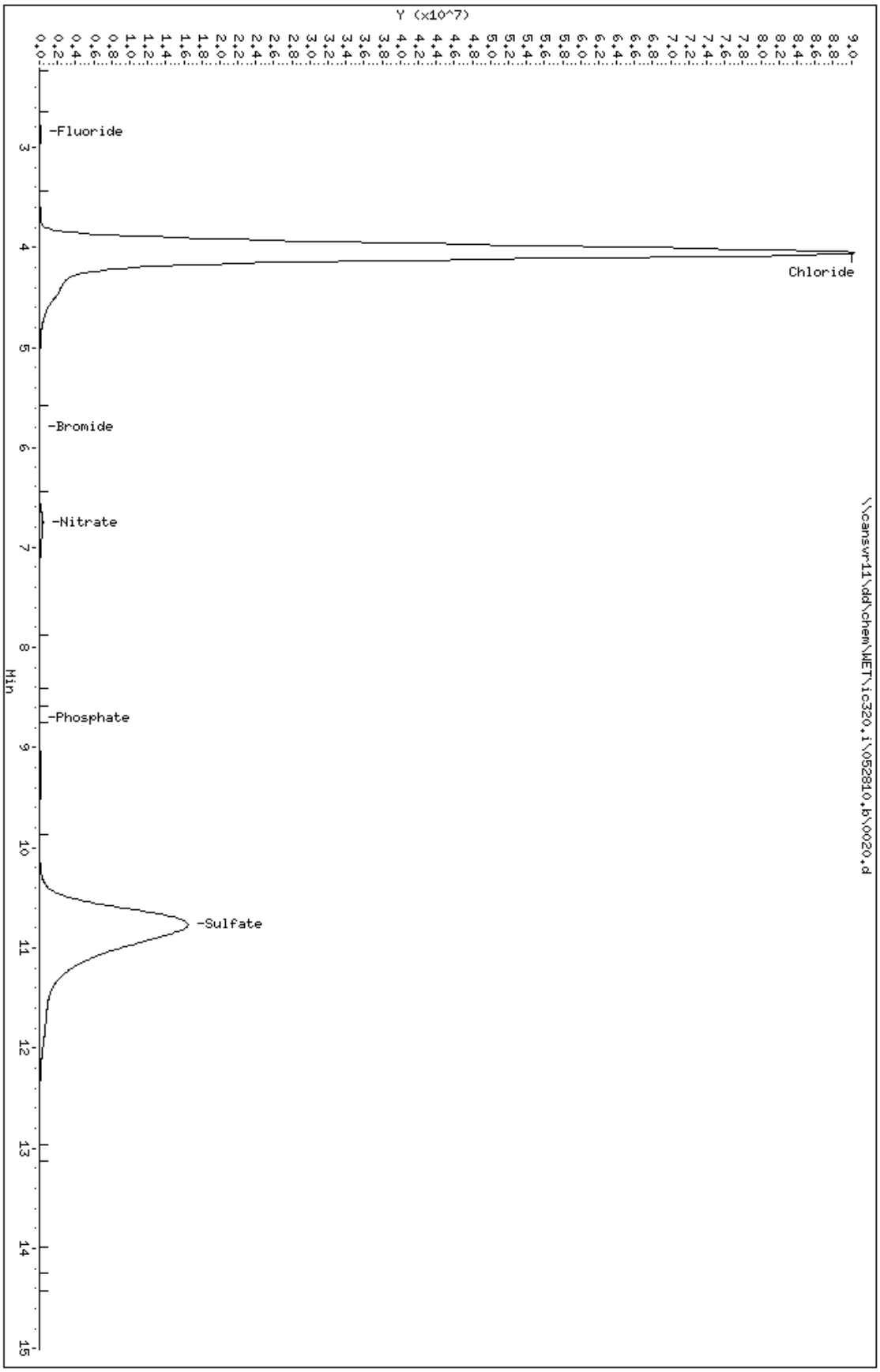
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.850	2.816	0.034	2172190	0.17423	0.1742
2 Chloride	4.050	3.941	0.109	1015983028	98.8170	98.82
3 Nitrite	Compound Not Detected.					
4 Bromide	5.791	5.800	-0.009	1477400	0.39626	0.3963
5 Nitrate	6.758	6.733	0.025	8192972	0.39624	0.3962
6 Phosphate	8.708	8.908	-0.200	6277	0.22468	0.2247
7 Sulfate	10.766	10.741	0.025	510135645	74.7533	74.75

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0020.d
Date : 28-MAY-2010 22:02
Client ID:
Sample Info: L1P4R
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0021.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0021.d
Lab Smp Id: L1P4V
Inj Date : 28-MAY-2010 22:19
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P4V
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

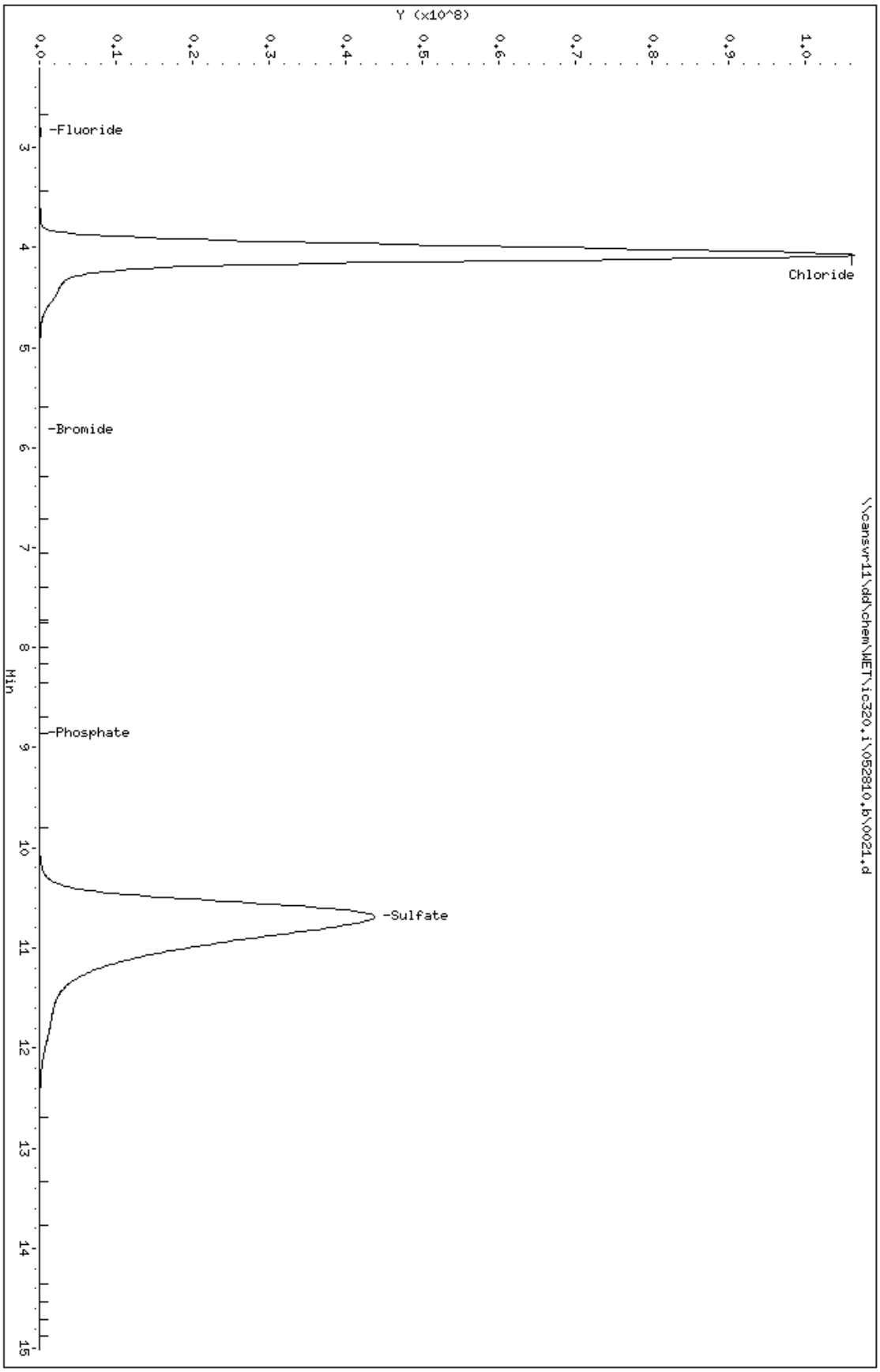
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.816	0.025	1552510	0.12453	0.1245
2 Chloride	4.075	3.941	0.134	1209934505	117.681	117.7
3 Nitrite	Compound Not Detected.					
4 Bromide	5.816	5.800	0.016	824506	0.22115	0.2211
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.866	8.908	-0.042	6831	0.22618	0.2262
7 Sulfate	10.691	10.741	-0.050	1359978924	199.286	199.3

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0021.d
Date : 28-MAY-2010 22:19
Client ID:
Sample Info: L1P4V
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0022.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0022.d
Lab Smp Id: L1P4W
Inj Date : 28-MAY-2010 22:36
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P4W
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

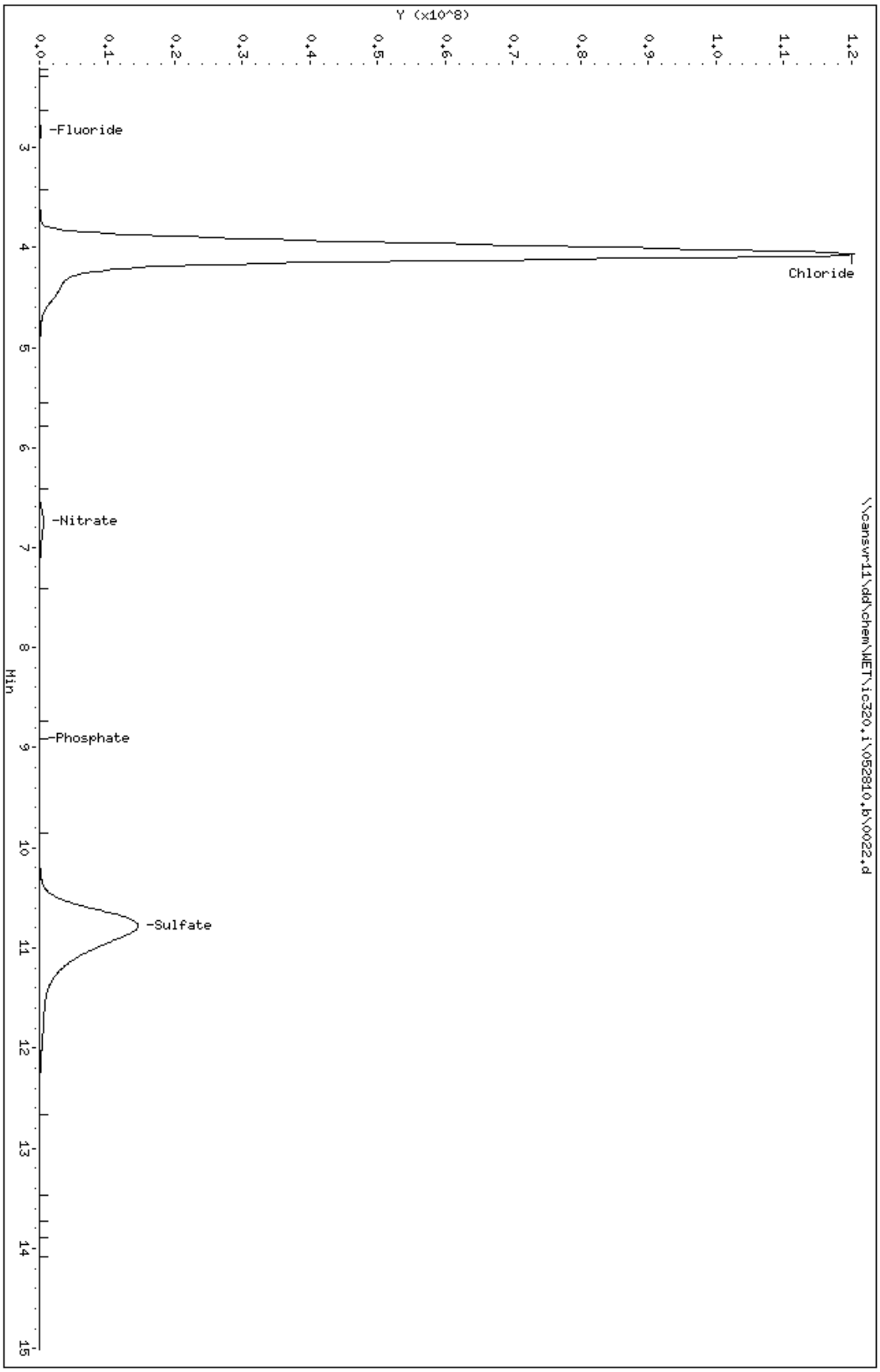
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.816	0.025	2112303	0.16943	0.1694
2 Chloride	4.066	3.941	0.125	1416728773	137.795	137.8
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.741	6.733	0.008	11202211	0.54178	0.5418
6 Phosphate	8.916	8.908	0.008	7435	0.22781	0.2278
7 Sulfate	10.783	10.741	0.042	449189919	65.8225	65.82

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0022.d
Date : 28-MAY-2010 22:36
Client ID:
Sample Info: L1P4W
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0023.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0023.d
Lab Smp Id: L1P40
Inj Date : 28-MAY-2010 22:54
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P40
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

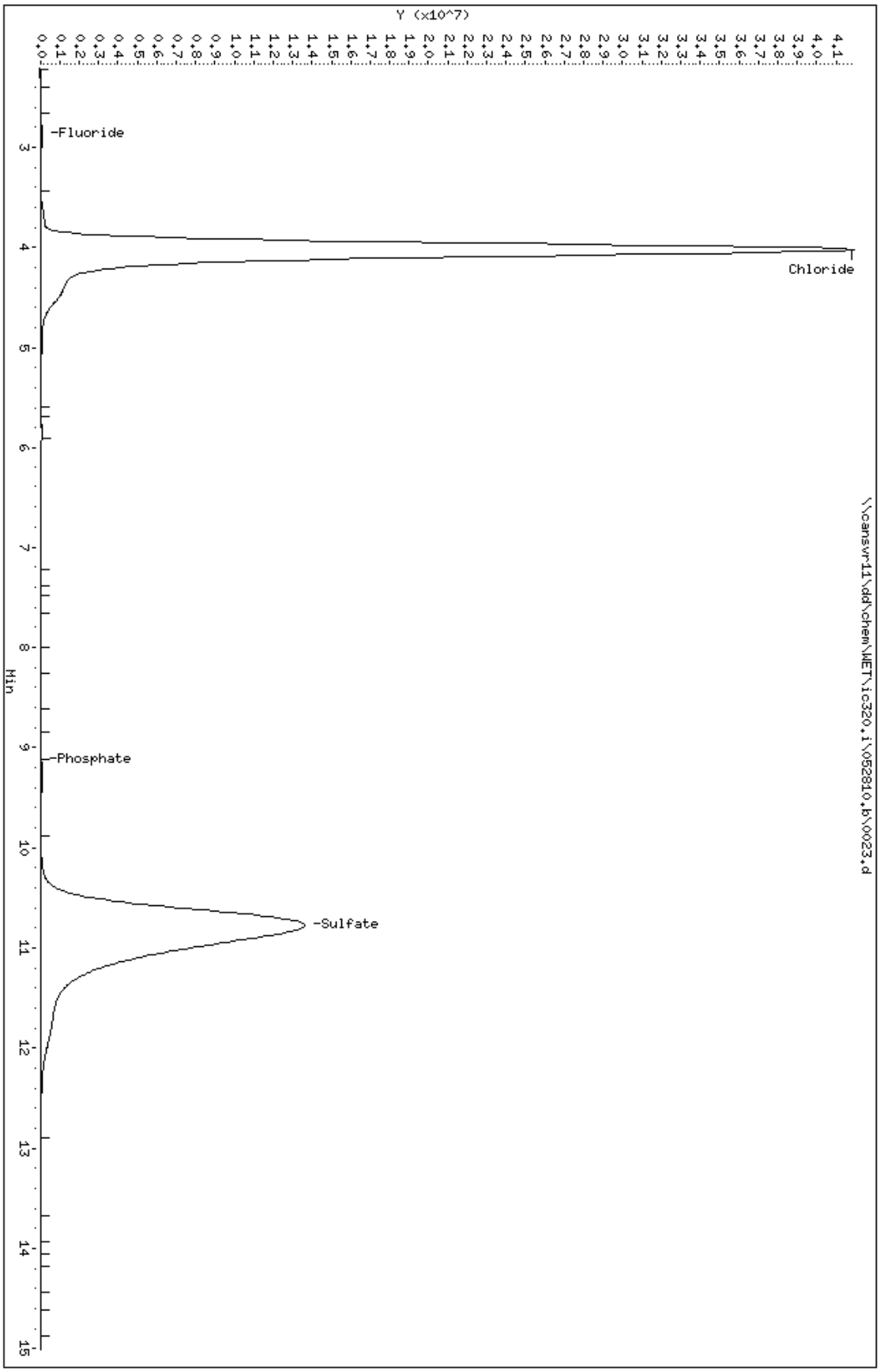
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.858	2.816	0.042	1581741	0.12687	0.1269
2 Chloride	4.016	3.941	0.075	446392994	43.4173	43.42
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.125	8.908	0.217	26290	0.27871	0.2787
7 Sulfate	10.775	10.741	0.034	420962413	61.6862	61.69

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0023.d
Date : 28-MAY-2010 22:54
Client ID:
Sample Info: L1P40
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0024.d
Report Date: 01-Jun-2010 13:15

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0024.d
Lab Smp Id: L1P42
Inj Date : 28-MAY-2010 23:11
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P42,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

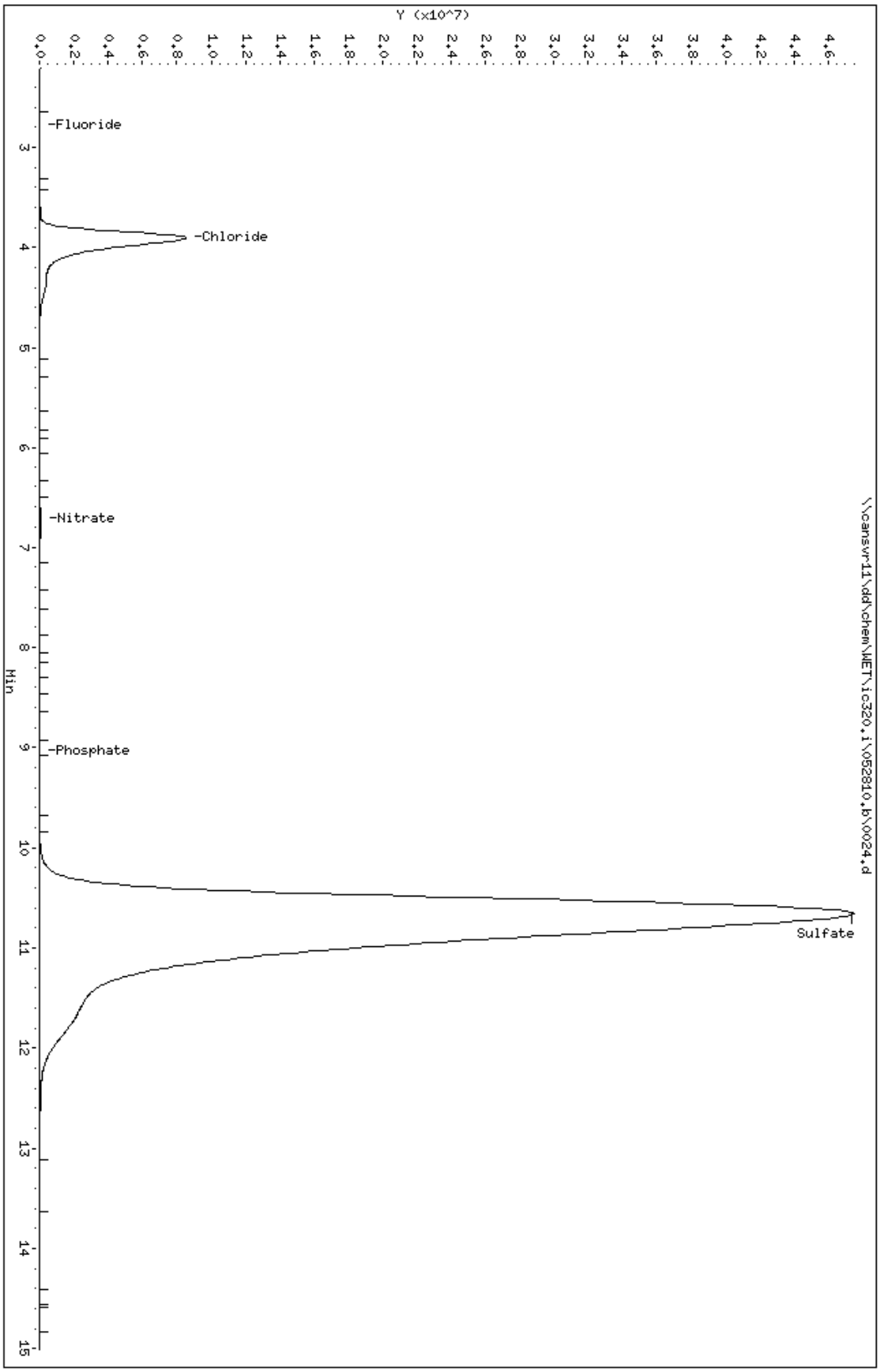
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
2 Chloride	3.900	3.950	-0.050	107361470	10.4422	52.21
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.716	6.708	0.008	1066000	0.05156	0.2578(a)
6 Phosphate	9.041	8.883	0.158	3813	0.21803	1.090
7 Sulfate	10.658	10.725	-0.067	1492239435	218.667	1093(A)

QC Flag Legend

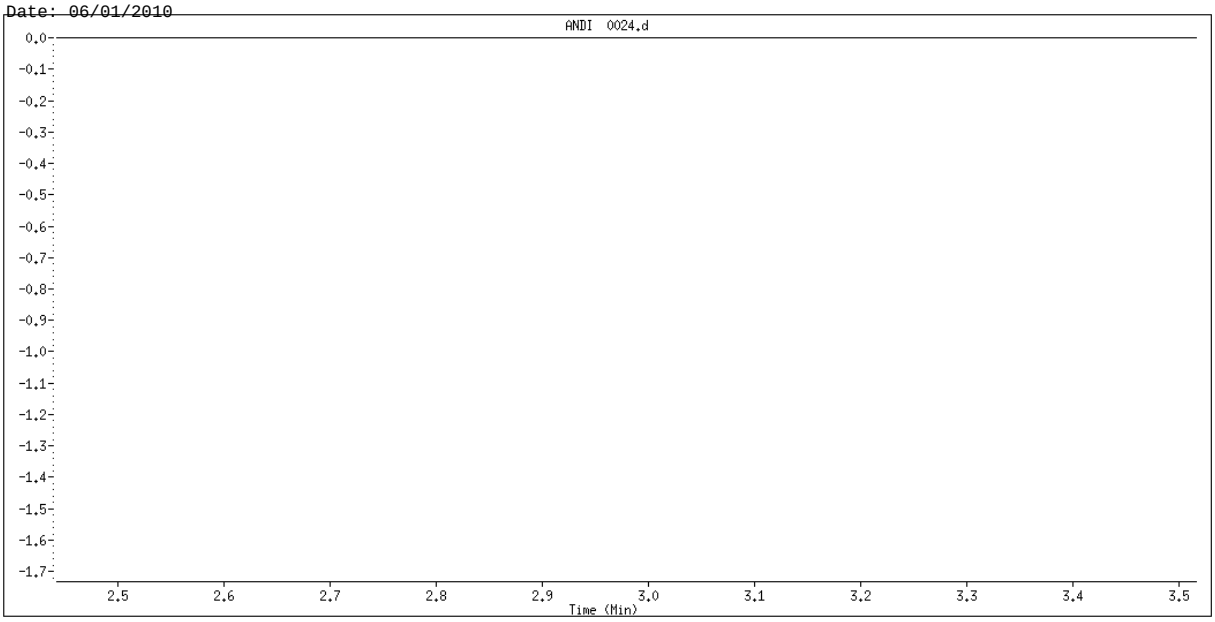
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0024.d
Date : 28-MAY-2010 23:11
Client ID:
Sample Info: L1P42,5
Purge Volume: 1.0
Column Phase: AS14

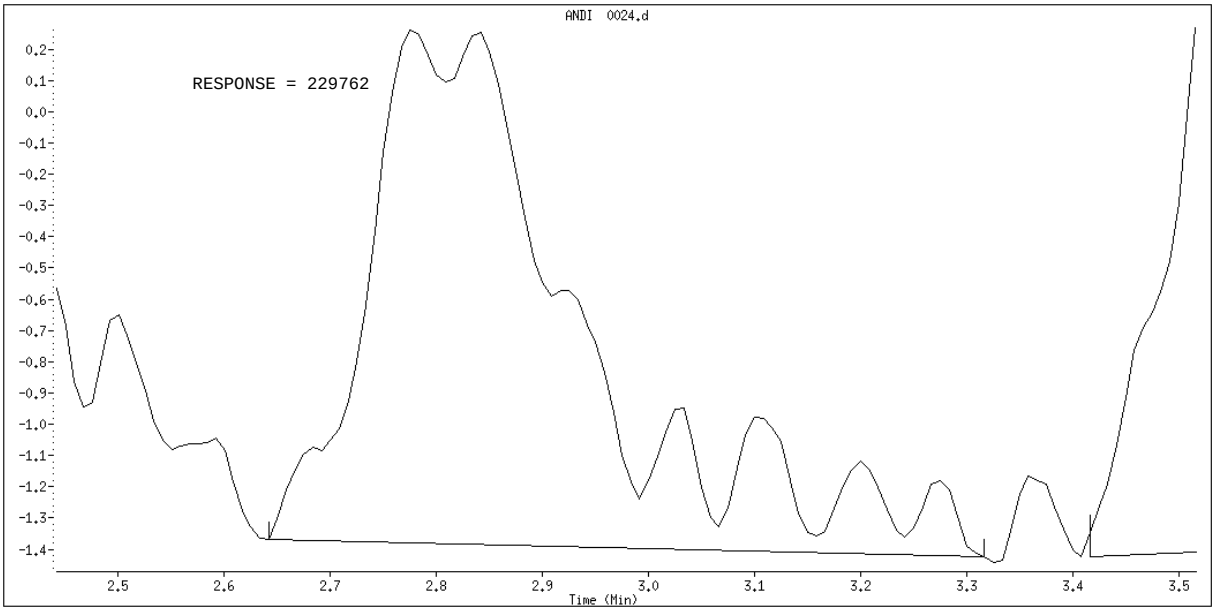
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0024.d
Inj. Date and Time: 28-MAY-2010 23:11
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Low Fit

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0025.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 28-MAY-2010 23:29
Lab File ID: 0025.d Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 17:19 19:38
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	12467102	11689172	11689172	0.010	6.23987	10.00000	Averaged
2 Chloride	10281456	9921786	9921786	0.010	3.49824	10.00000	Averaged
3 Nitrite	18134799	18930560	18930560	0.010	-4.38804	10.00000	Averaged
4 Bromide	3728320	3370443	3370443	0.010	9.59887	10.00000	Averaged
5 Nitrate	20676775	19897637	19897637	0.010	3.76818	10.00000	Averaged
6 Phosphate	2.50000	2.17245	291124	0.010	13.10202	10.00000	Linear <-
7 Sulfate	6824259	6324705	6324705	0.010	7.32026	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0025.d
Report Date: 01-Jun-2010 13:10

TestAmerica North Canton

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Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0025.d
Lab Smp Id: CCV
Inj Date : 28-MAY-2010 23:29
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

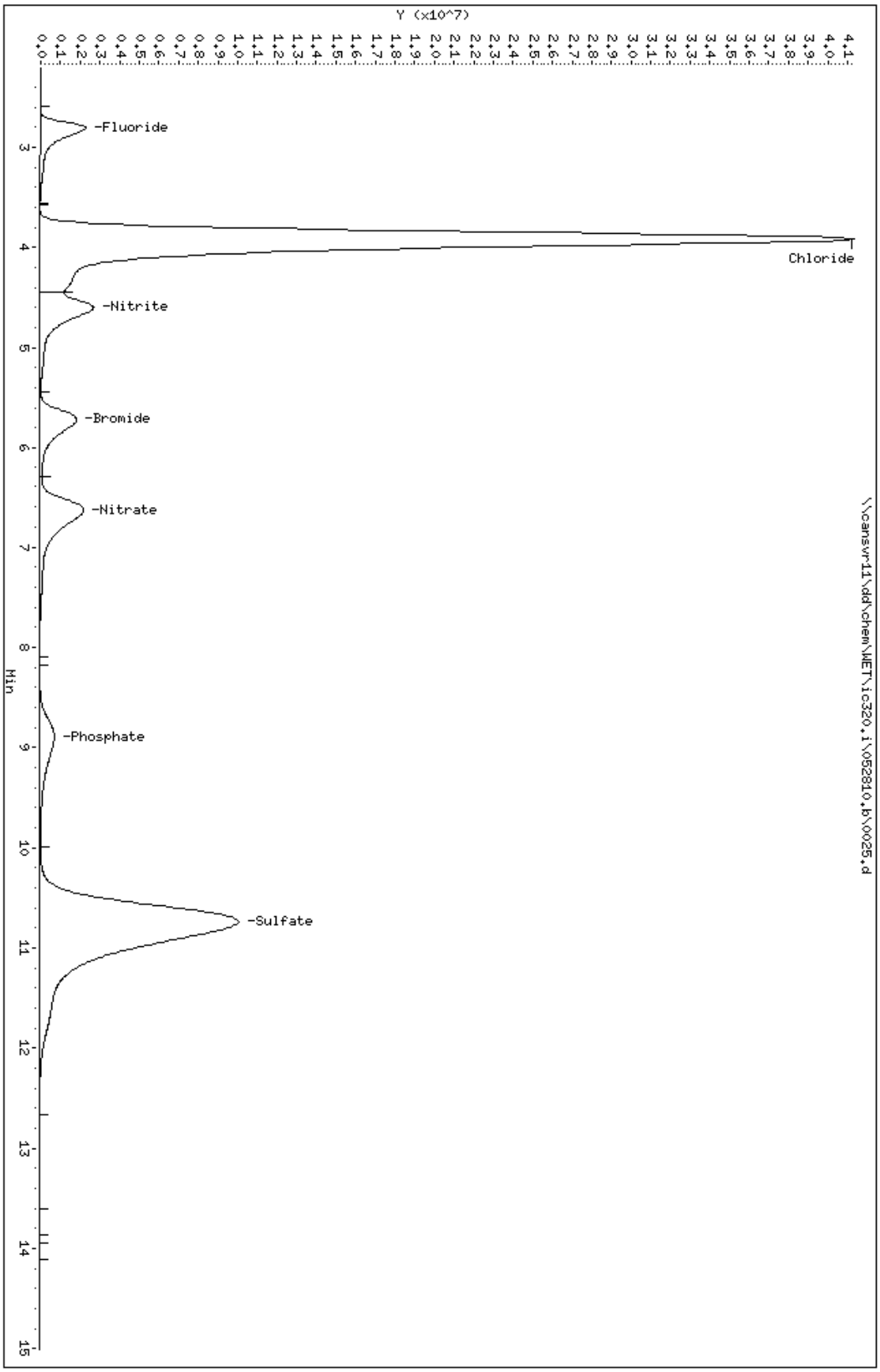
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	29222929	2.50000	2.344
2 Chloride	3.916	3.916	0.000	496089301	50.0000	48.25
3 Nitrite	4.600	4.600	0.000	47326401	2.50000	2.610
4 Bromide	5.716	5.716	0.000	33704434	10.0000	9.040
5 Nitrate	6.633	6.633	0.000	49744092	2.50000	2.406
6 Phosphate	8.900	8.900	0.000	727811	2.50000	2.172
7 Sulfate	10.741	10.741	0.000	316235254	50.0000	46.34

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0025.d
Date : 28-MAY-2010 23:29
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0026.d
Report Date: 01-Jun-2010 13:11

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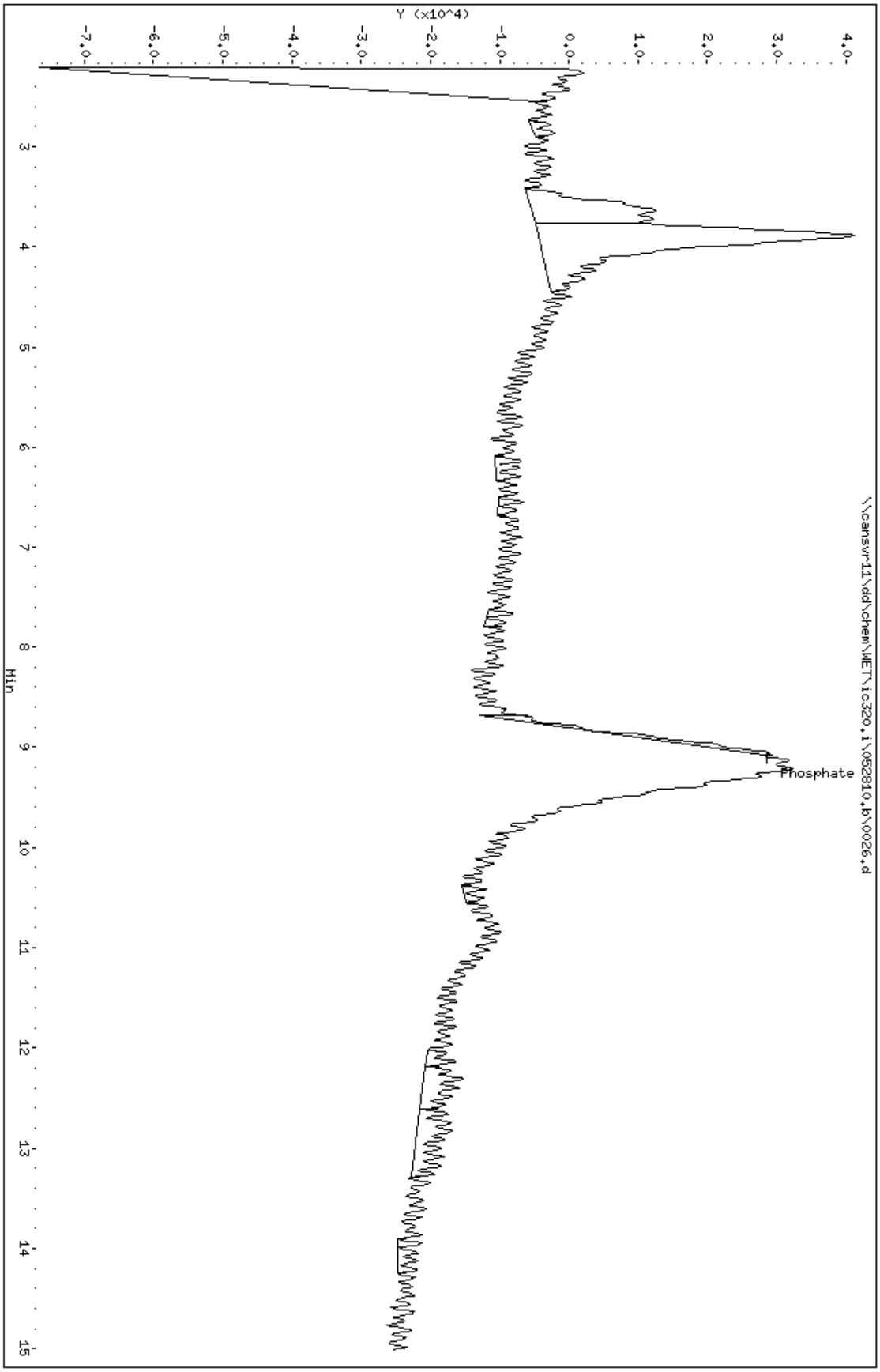
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0026.d
Lab Smp Id: CCB
Inj Date : 28-MAY-2010 23:46
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.058	8.900	0.158	3313	0.21668	0.2167
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0026.d
Date : 28-MAY-2010 23:46
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0026.d
Phosphate
Y (x10^4)
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
3
4
5
6
7
8
9
10
11
12
13
14
15
Min

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0027.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0027.d
Lab Smp Id: L1P43
Inj Date : 29-MAY-2010 00:03
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P43,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

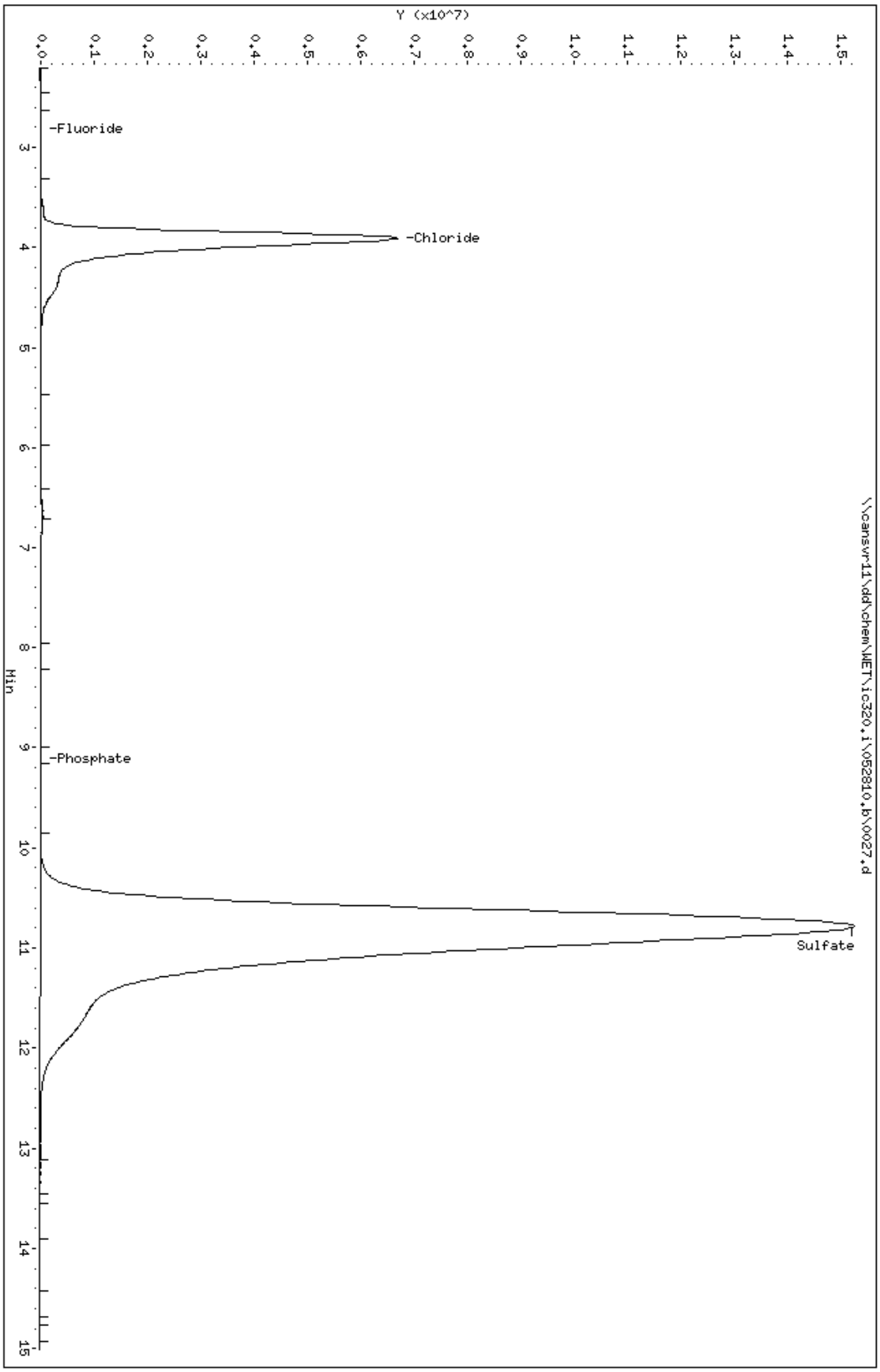
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.825	2.808	0.017	254487	0.02041	0.1021(a)
2 Chloride	3.908	3.916	-0.008	84127646	8.18246	40.91
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.125	8.900	0.225	3731	0.21781	1.089
7 Sulfate	10.783	10.741	0.042	473775602	69.4252	347.1

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0027.d
Date : 29-MAY-2010 00:03
Client ID:
Sample Info: L1P43.5
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0027.d
Y (x10^7)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-Fluoride
-Chloride
-Phosphate
Sulfate
Min
3
4
5
6
7
8
9
10
11
12
13
14
15

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0028.d
Report Date: 01-Jun-2010 13:16

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0028.d
Lab Smp Id: L1P44
Inj Date : 29-MAY-2010 00:21
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P44
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

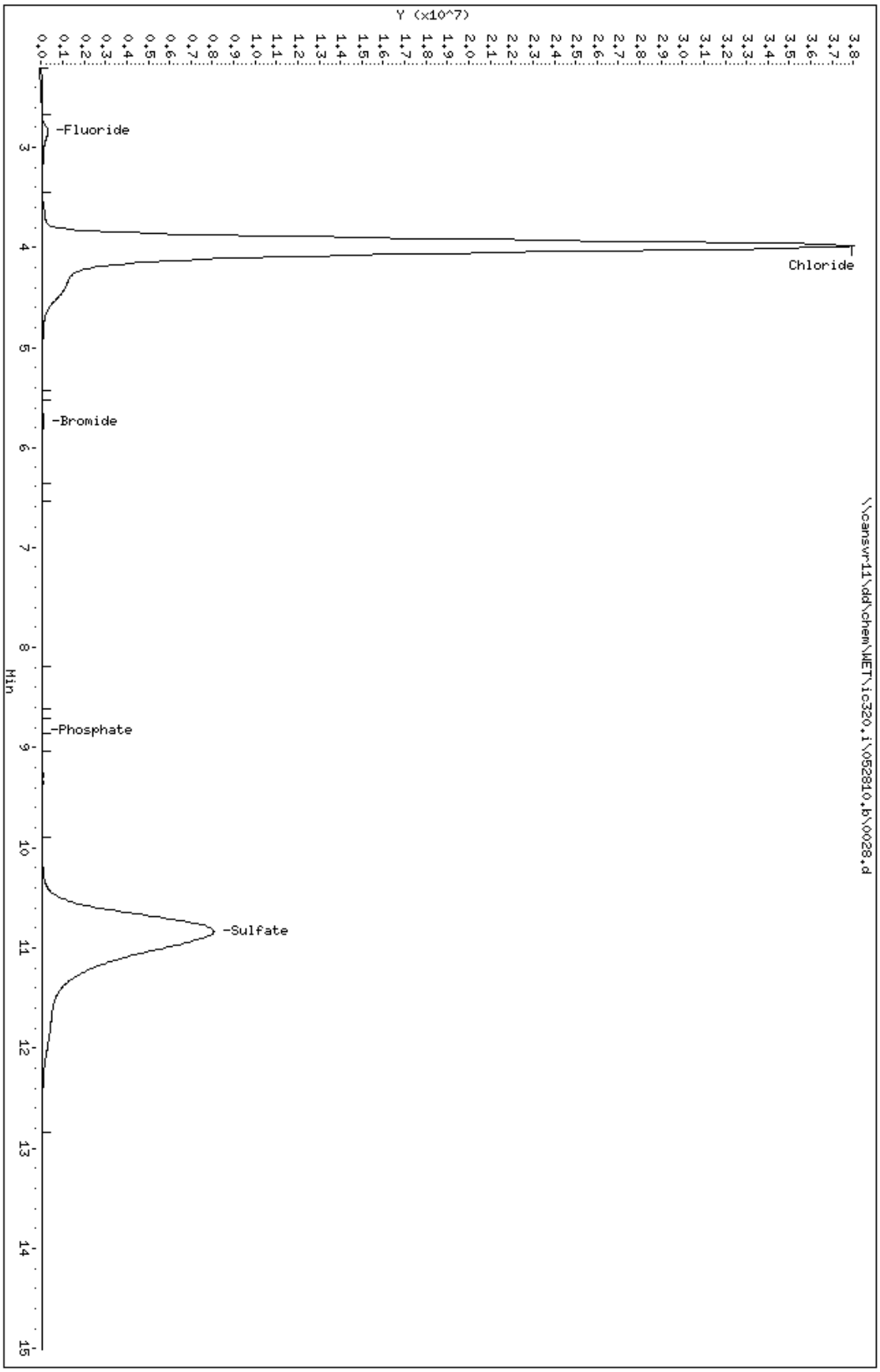
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.825	0.016	4546161	0.36465	0.3646(M)
2 Chloride	3.983	3.950	0.033	406144837	39.5027	39.50(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	5.733	5.775	-0.042	639546	0.17154	0.1715(aM)
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.833	8.883	-0.050	3405	0.21693	0.2169
7 Sulfate	10.833	10.725	0.108	250595826	36.7213	36.72

QC Flag Legend

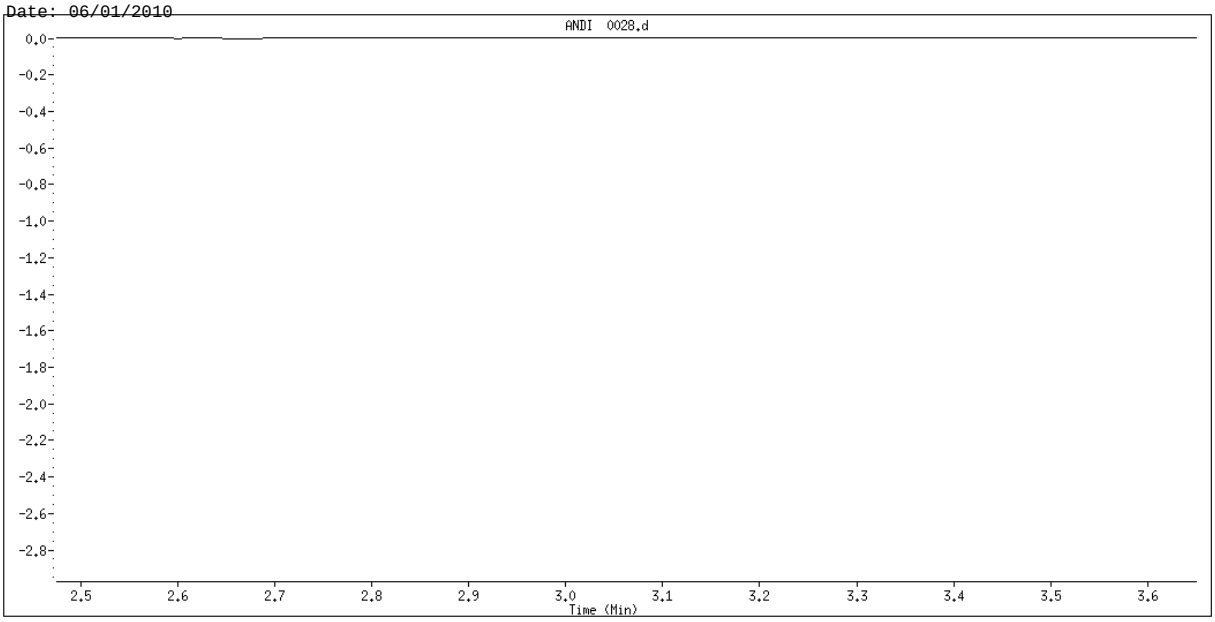
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0028.d
Date : 29-MAY-2010 00:21
Client ID:
Sample Info: L1P44
Purge Volume: 1.0
Column phase: AS14

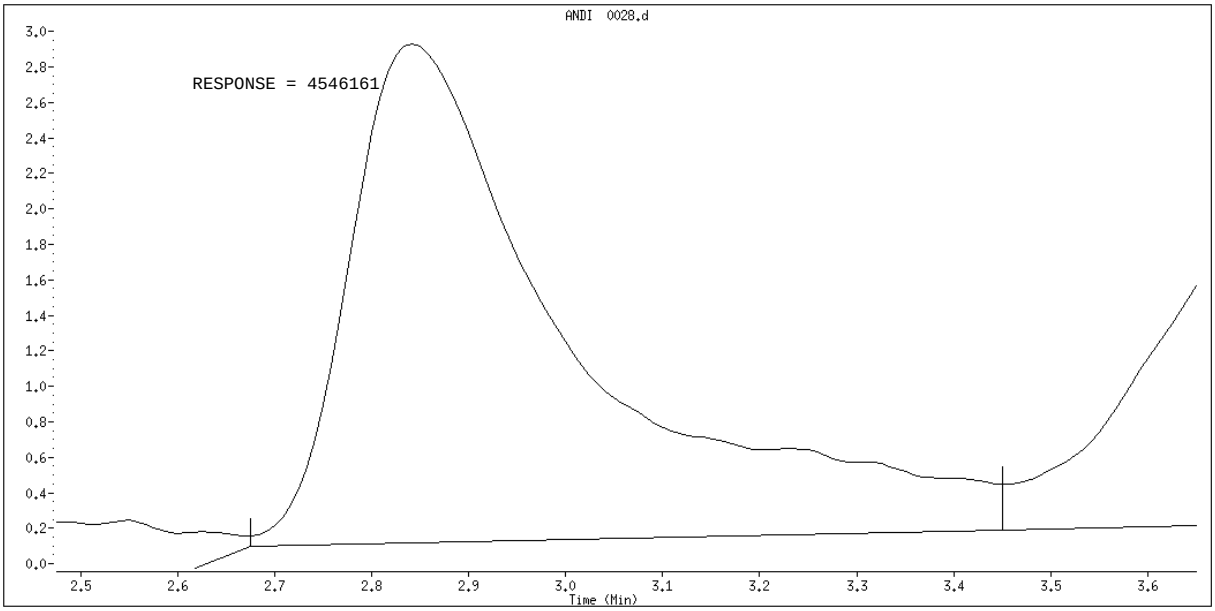
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0028.d
Inj. Date and Time: 29-MAY-2010 00:21
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



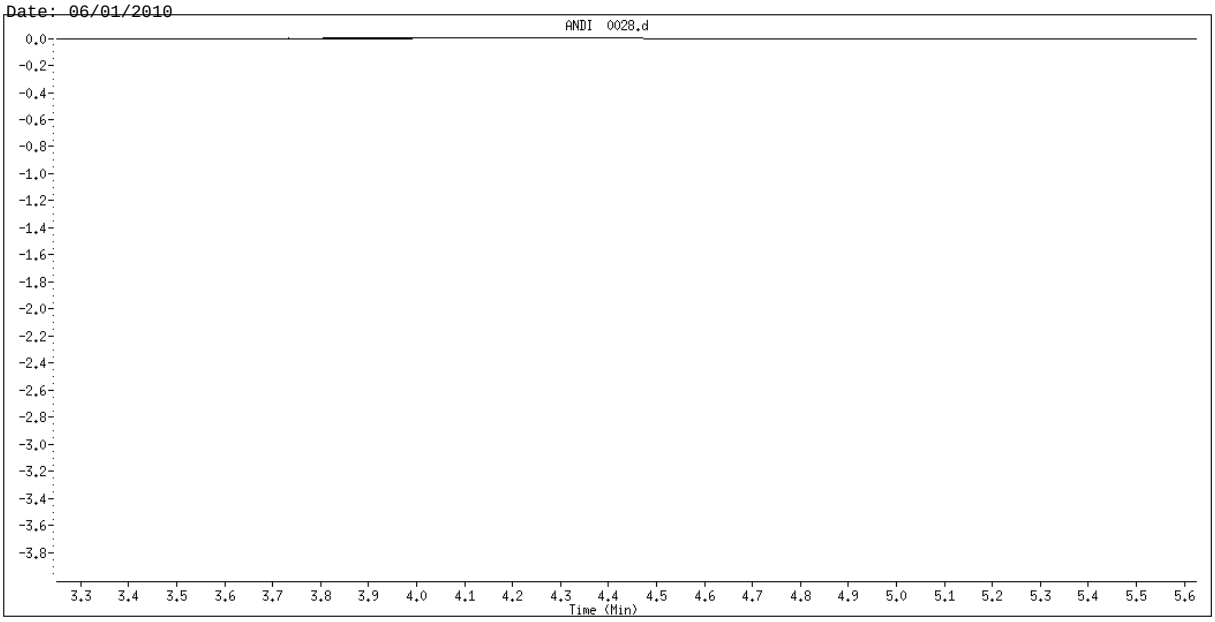
Original Integration



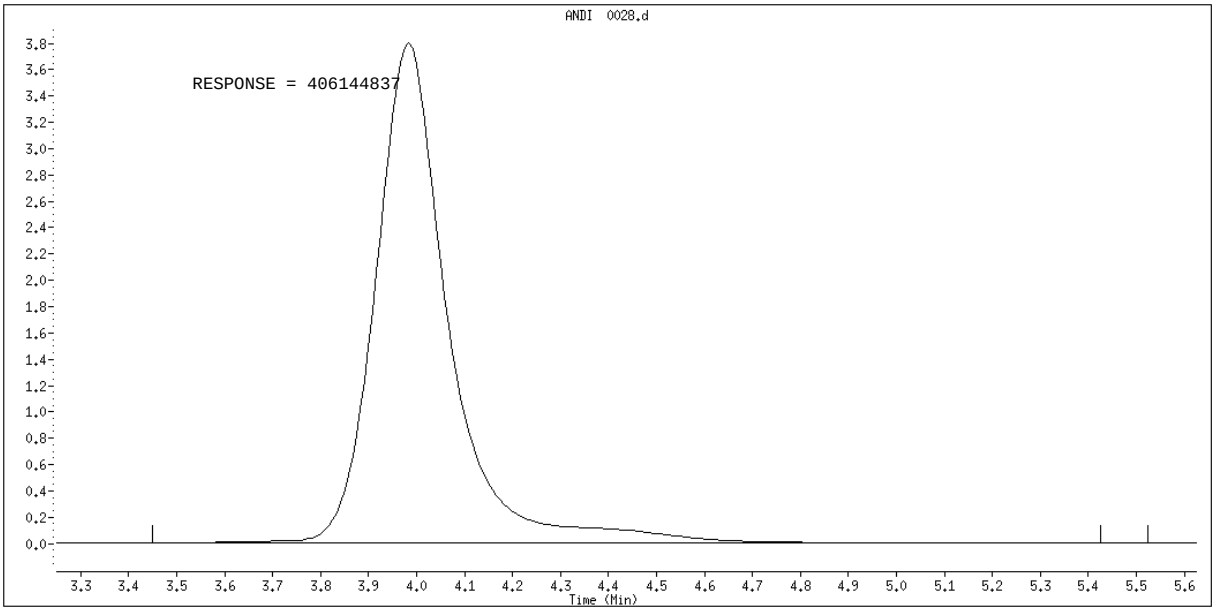
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0028.d
Inj. Date and Time: 29-MAY-2010 00:21
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



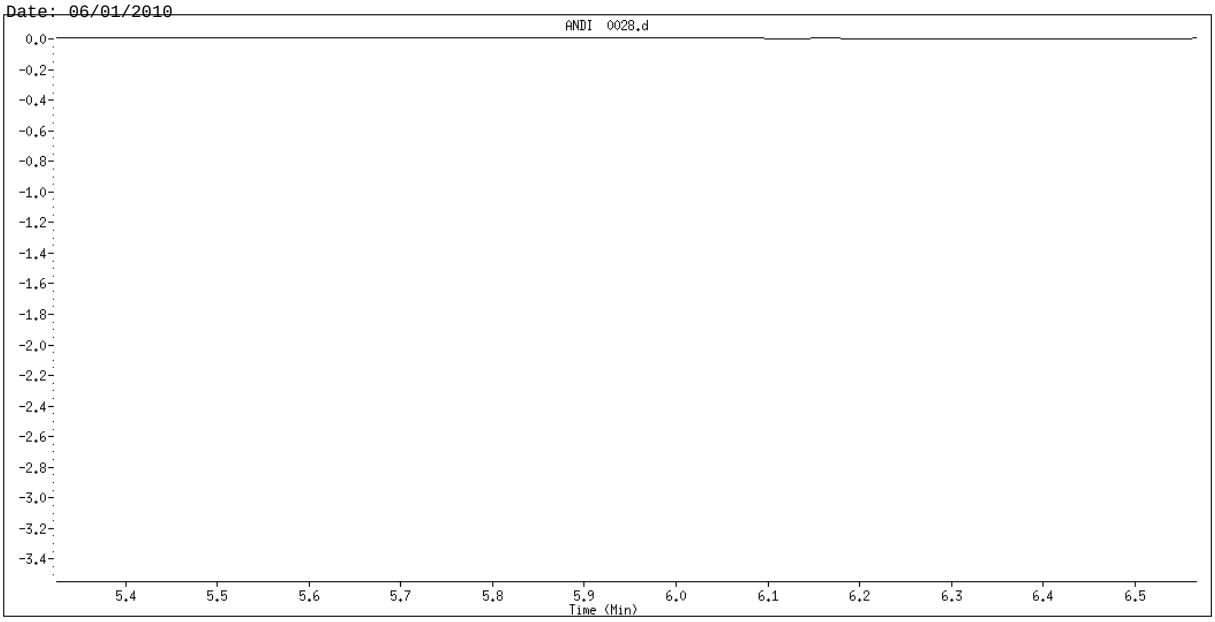
Original Integration



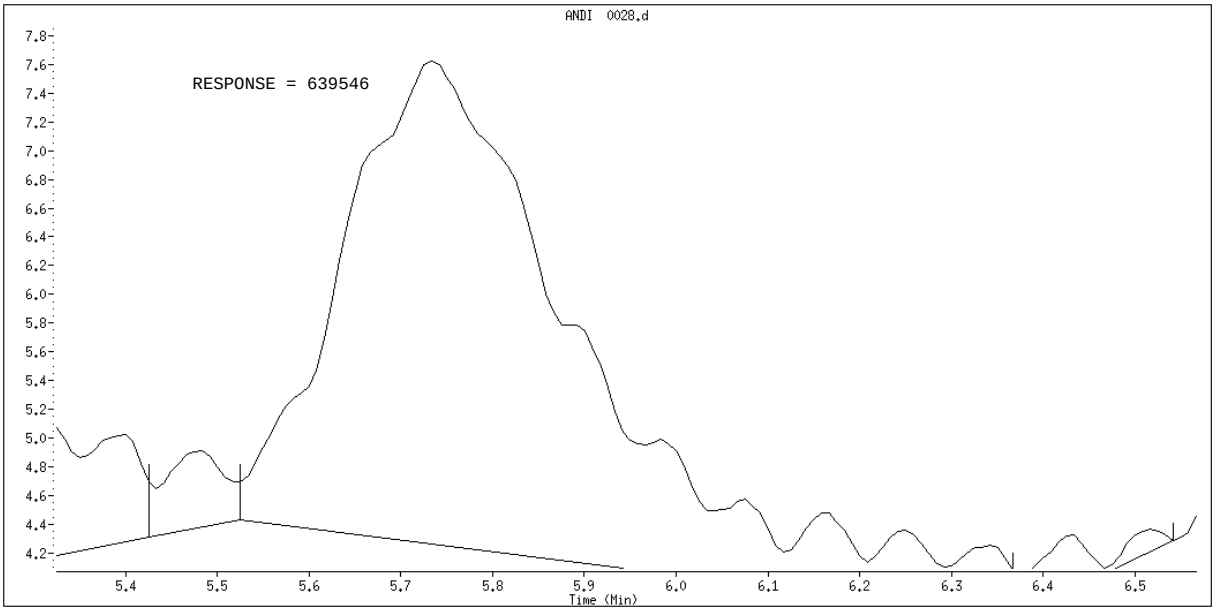
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0028.d
Inj. Date and Time: 29-MAY-2010 00:21
Instrument ID: ic320.i
Client ID:
Compound Name: Bromide
CAS #: Q85
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0029.d
Report Date: 01-Jun-2010 13:16

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0029.d
Lab Smp Id: L1P45
Inj Date : 29-MAY-2010 00:38
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P45
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

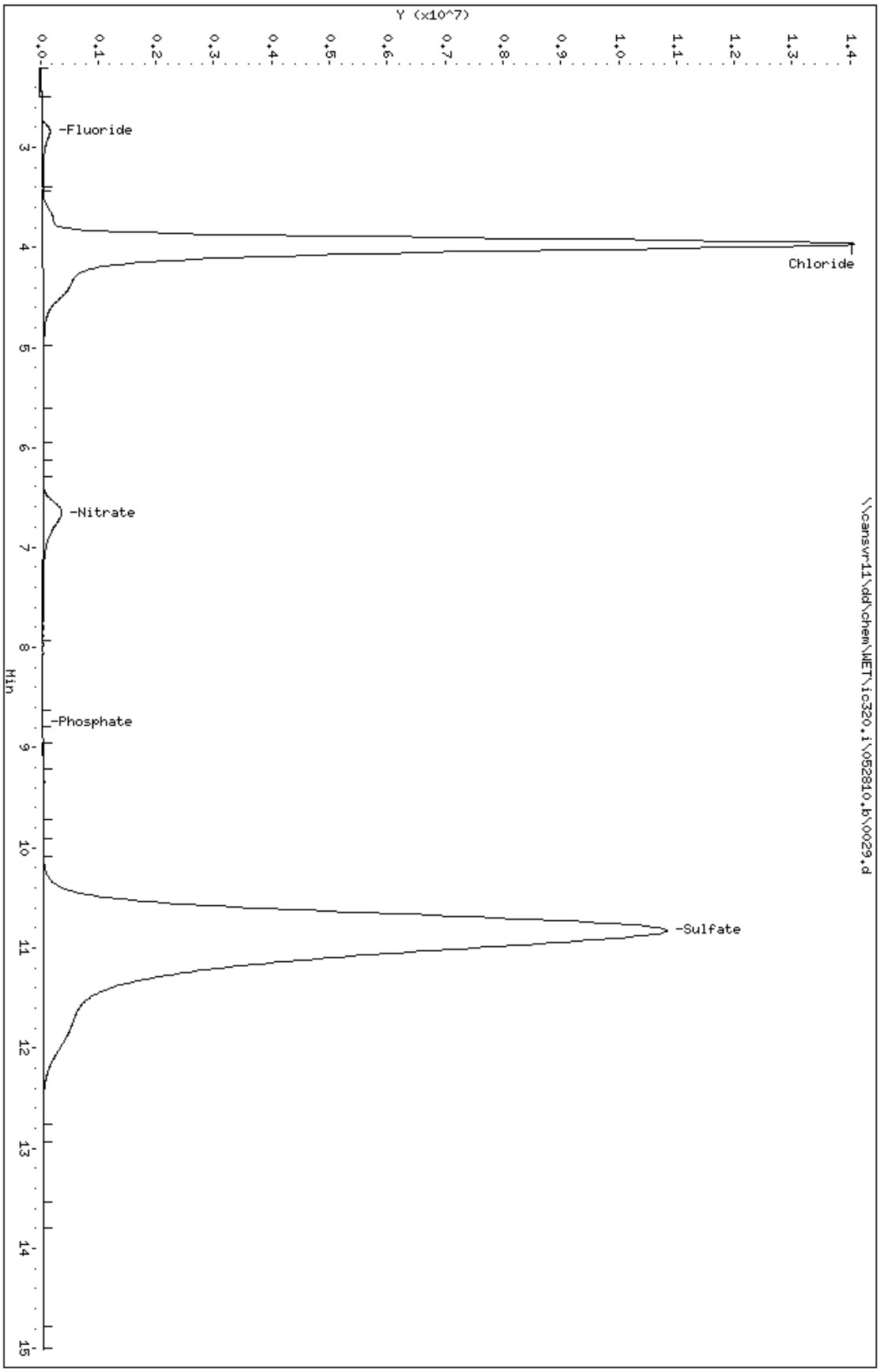
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.825	0.016	1991868	0.15977	0.1598(M)
2 Chloride	3.966	3.950	0.016	152974321	14.8787	14.88(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.666	6.708	-0.042	6932379	0.33527	0.3353
6 Phosphate	8.750	8.883	-0.133	2611	0.21479	0.2148
7 Sulfate	10.825	10.725	0.100	334444058	49.0081	49.01

QC Flag Legend

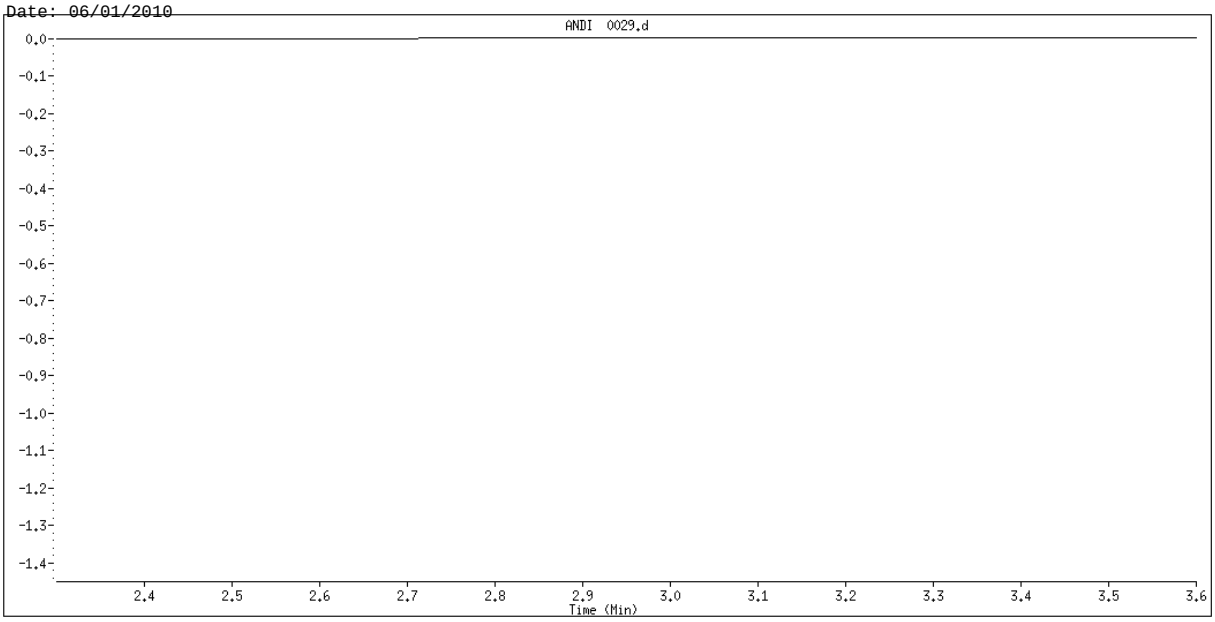
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0029.d
Date : 29-MAY-2010 00:38
Client ID:
Sample Info: L1P45
Purge Volume: 1.0
Column Phase: AS14

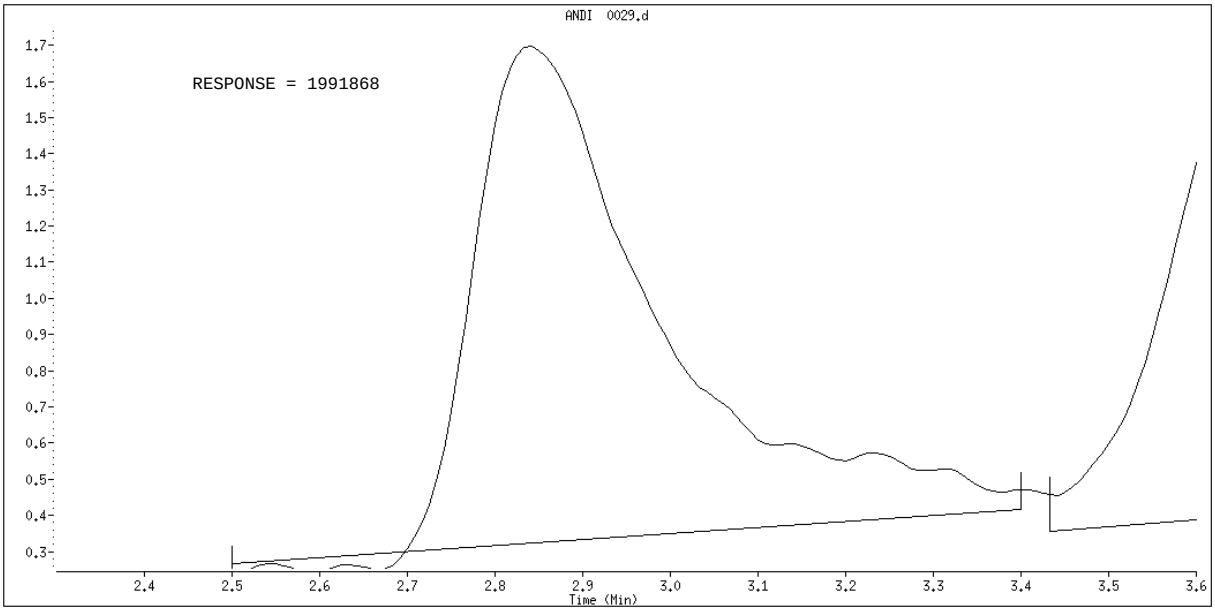
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0029.d
Inj. Date and Time: 29-MAY-2010 00:38
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



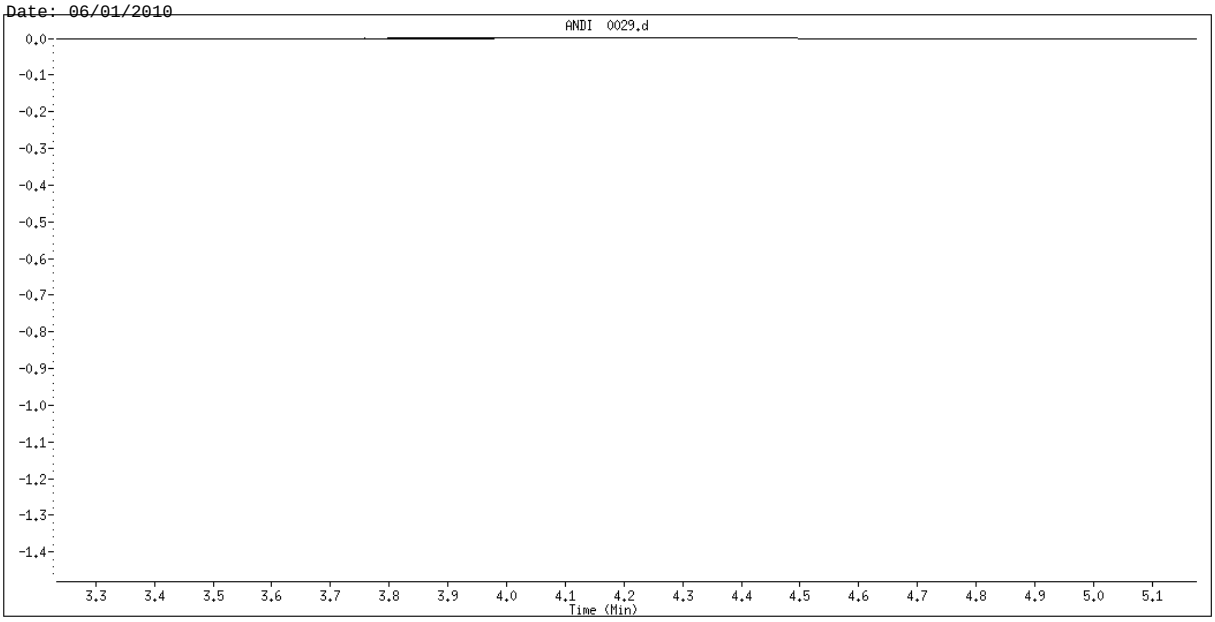
Original Integration



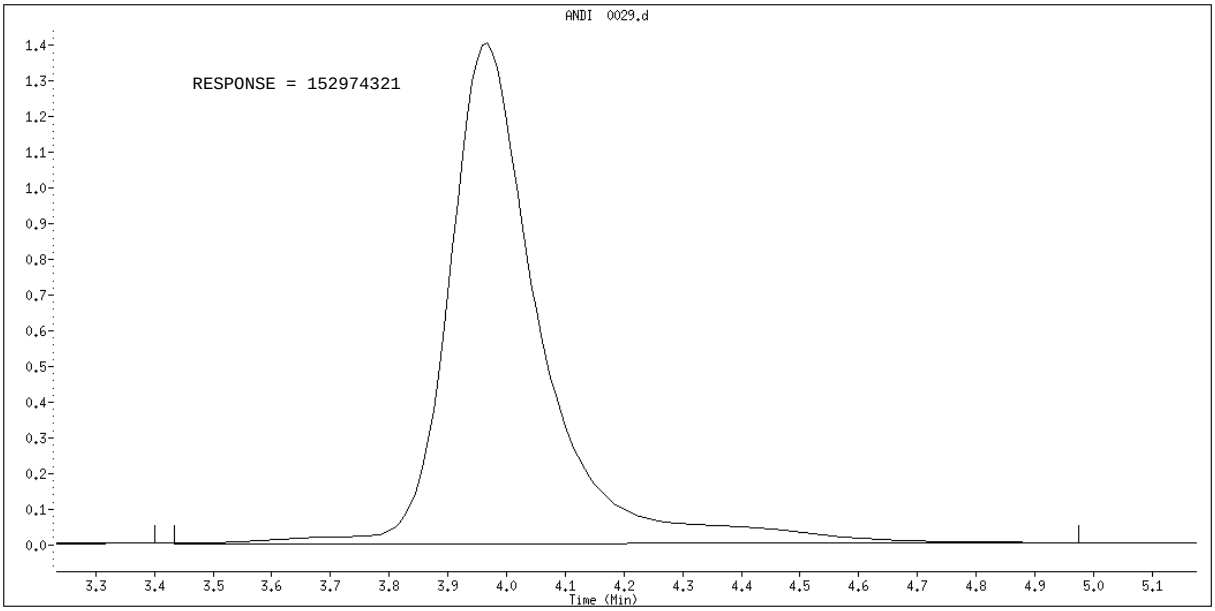
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0029.d
Inj. Date and Time: 29-MAY-2010 00:38
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0030.d
Report Date: 01-Jun-2010 13:17

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ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0030.d
Lab Smp Id: L1P47
Inj Date : 29-MAY-2010 00:56
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P47,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

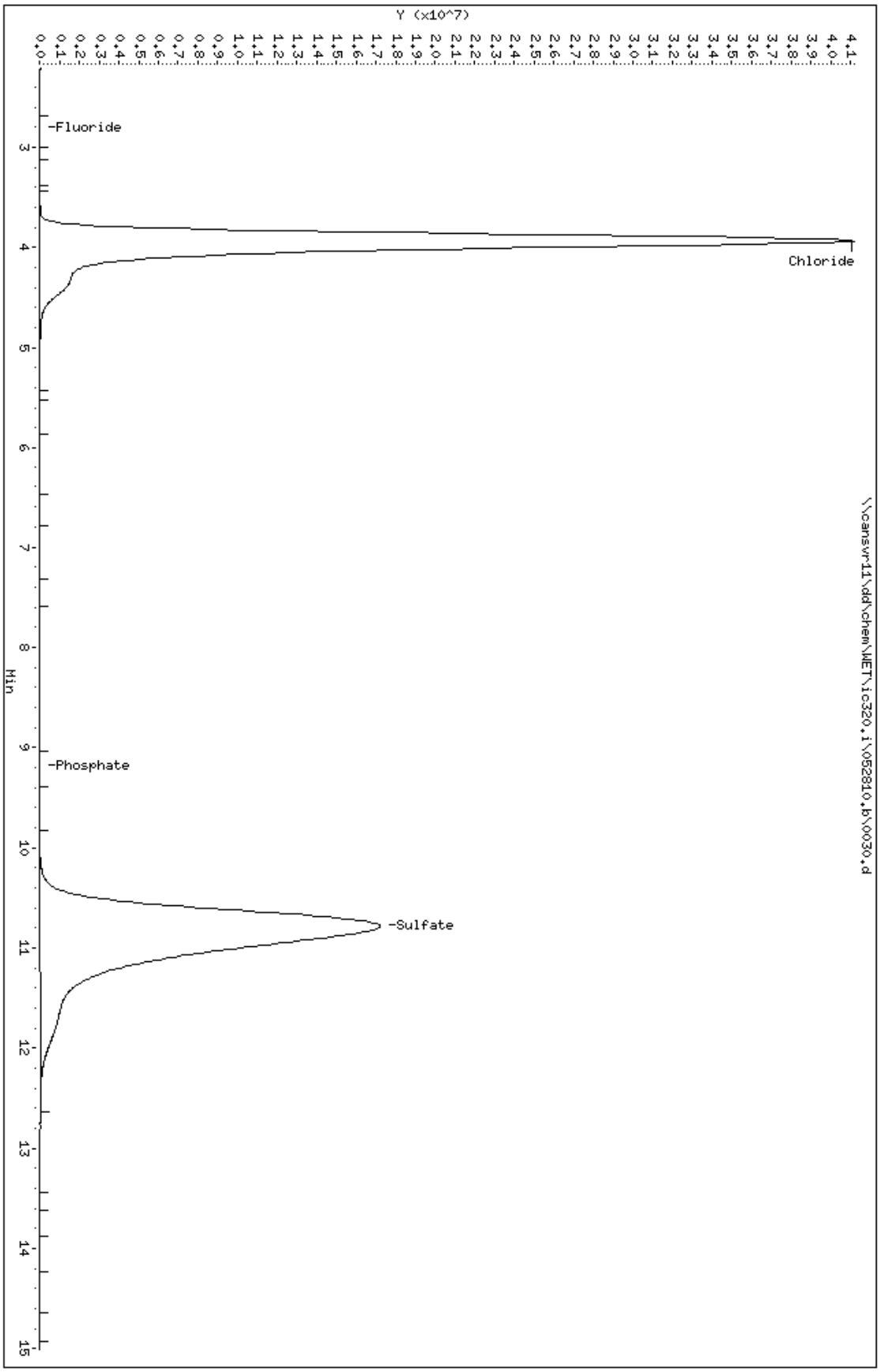
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

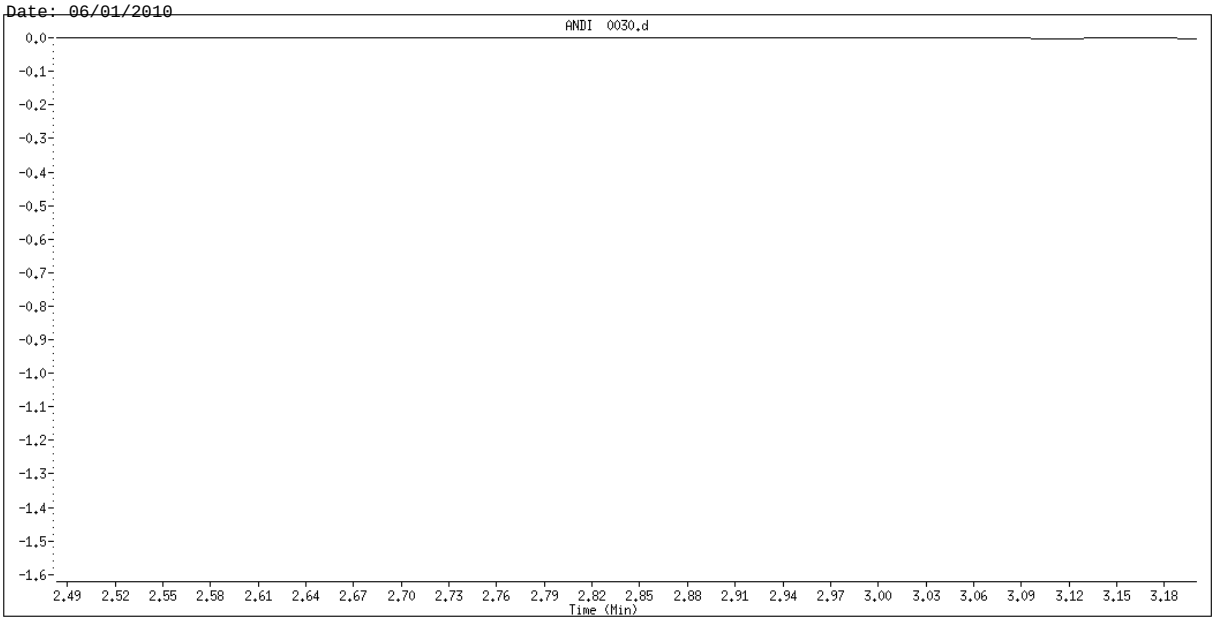
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
2 Chloride	3.933	3.950	-0.017	476985324	46.3928	232.0
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.191	8.883	0.308	5213	0.22181	1.109
7 Sulfate	10.783	10.725	0.058	533061426	78.1127	390.6

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0030.d
Date : 29-MAY-2010 00:56
Client ID:
Sample Info: L1P47,5
Purge Volume: 1.0
Column phase: AS14

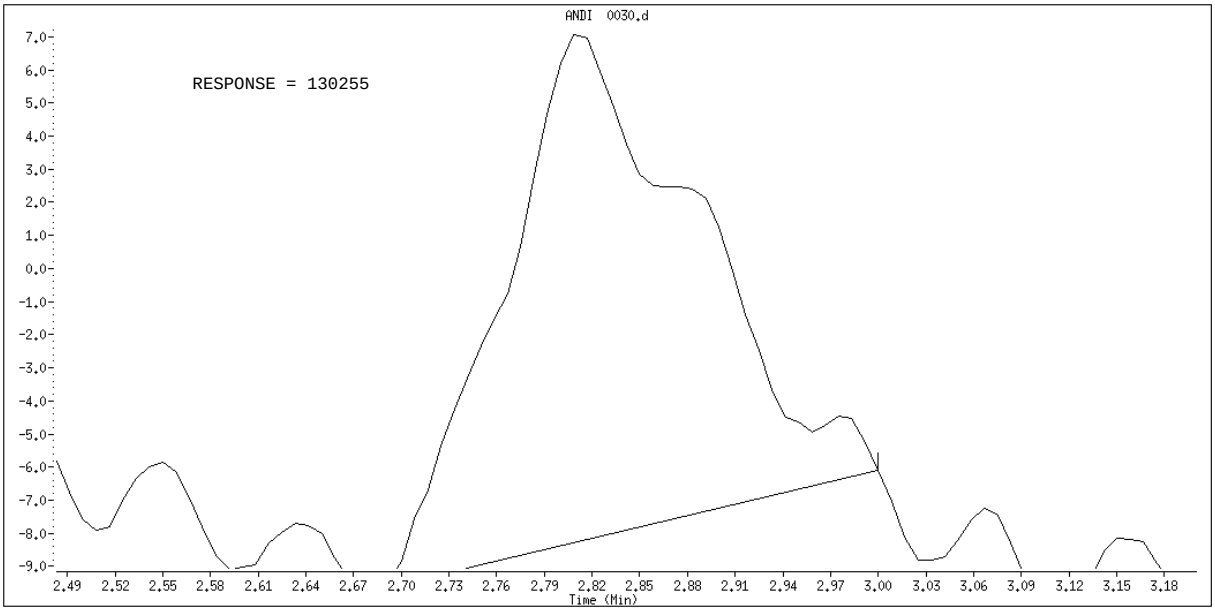
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0030.d
Inj. Date and Time: 29-MAY-2010 00:56
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0031.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0031.d
Lab Smp Id: L1P48
Inj Date : 29-MAY-2010 01:13
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P48,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

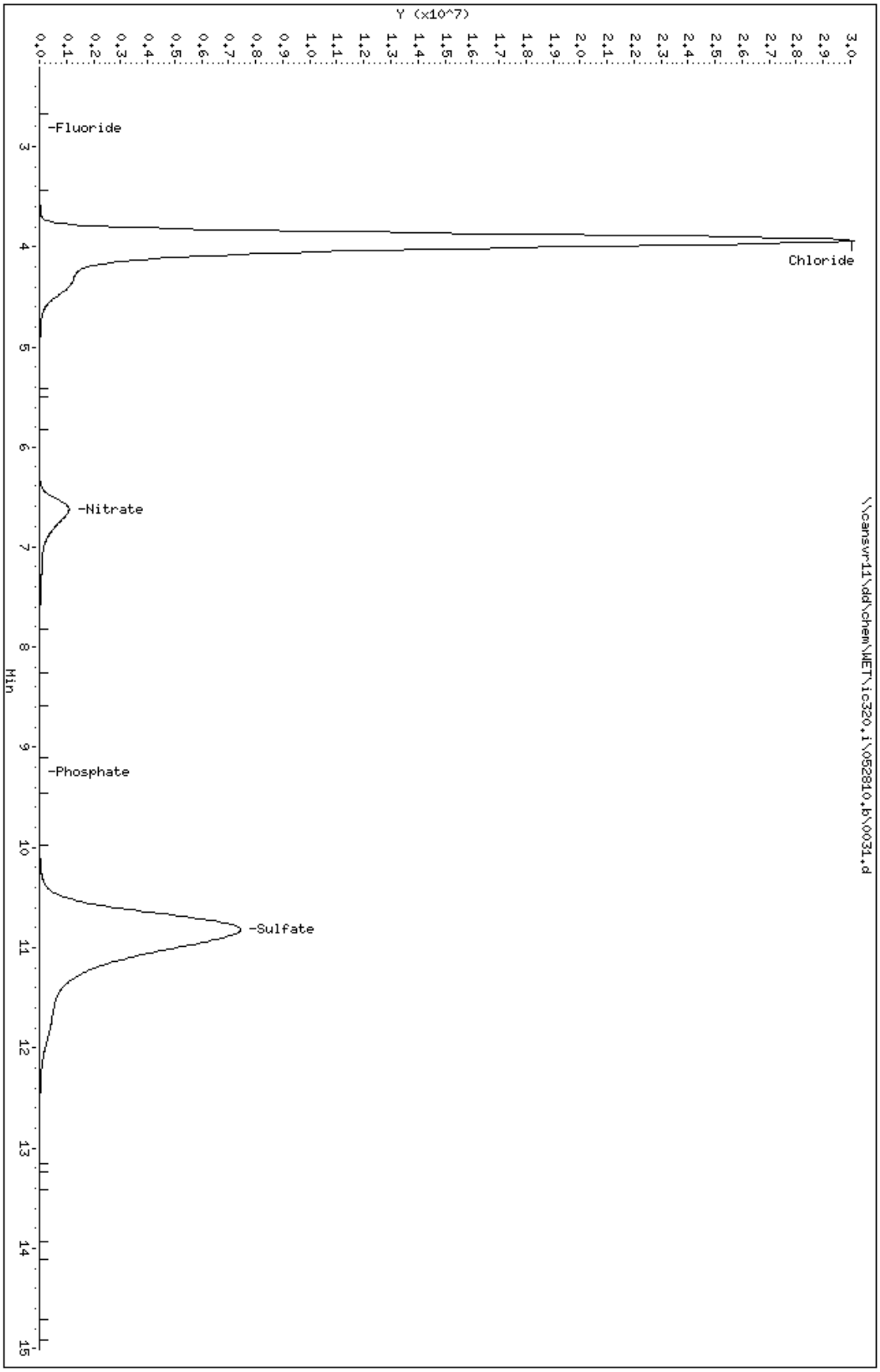
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.808	0.008	275382	0.02209	0.1104(a)
2 Chloride	3.933	3.916	0.017	352284691	34.2641	171.3
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.633	6.633	0.000	23217274	1.12287	5.614
6 Phosphate	9.250	8.900	0.350	5241	0.22189	1.109
7 Sulfate	10.825	10.741	0.084	235587521	34.5221	172.6

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0031.d
Date : 29-MAY-2010 01:13
Client ID:
Sample Info: L1P48,5
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0032.d
Report Date: 01-Jun-2010 13:11

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ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0032.d
Lab Smp Id: L1P49
Inj Date : 29-MAY-2010 01:30
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P49,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

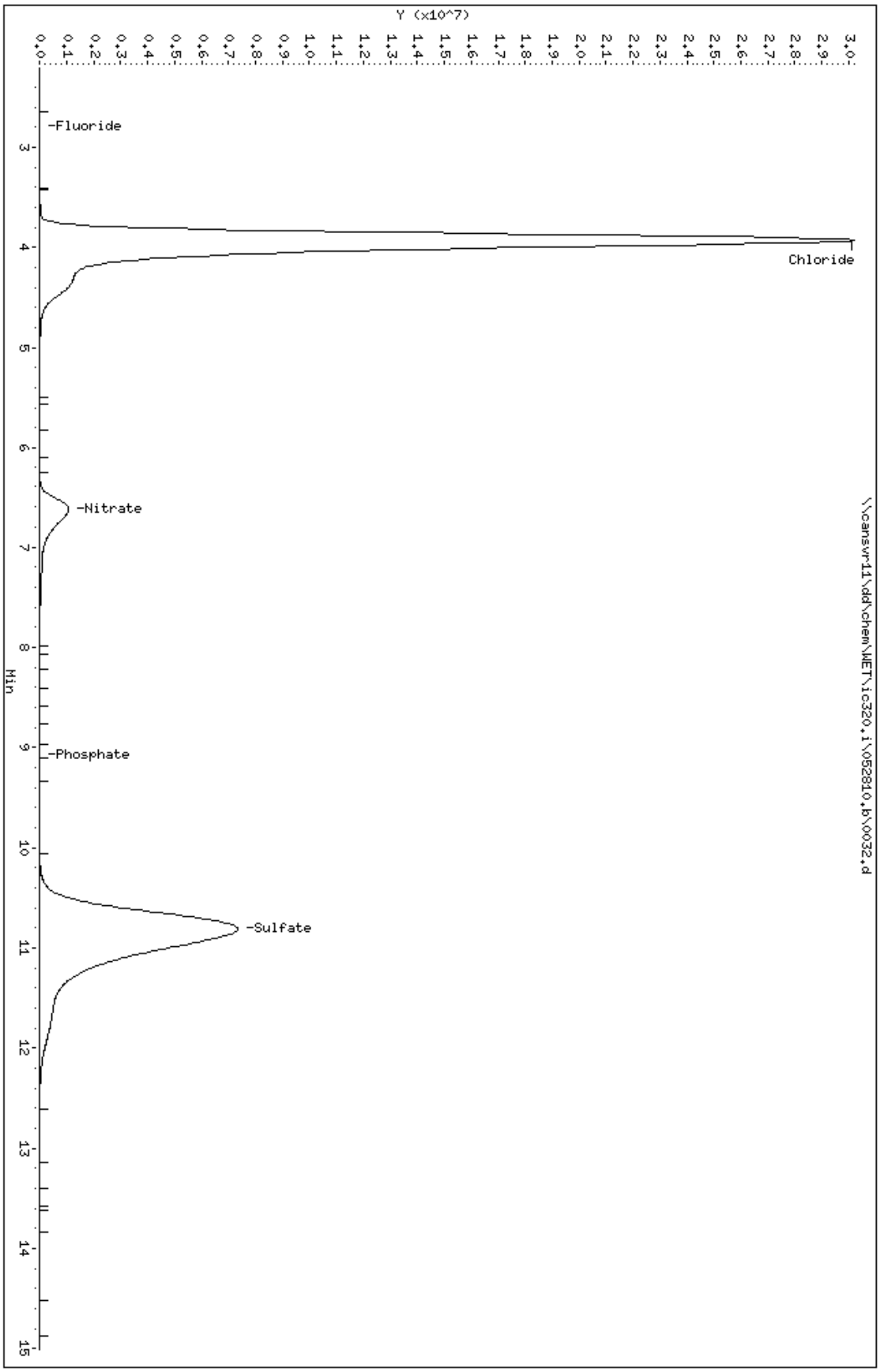
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.800	2.808	-0.008	289572	0.02323	0.1161(a)
2 Chloride	3.925	3.916	0.009	352568378	34.2917	171.4
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.625	6.633	-0.008	23757743	1.14901	5.745
6 Phosphate	9.075	8.900	0.175	2449	0.21435	1.072
7 Sulfate	10.808	10.741	0.067	232237094	34.0311	170.2

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0032.d
Date : 29-MAY-2010 01:30
Client ID:
Sample Info: L1P49,5
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0033.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0033.d
Lab Smp Id: L1P5A
Inj Date : 29-MAY-2010 01:48
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P5A
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

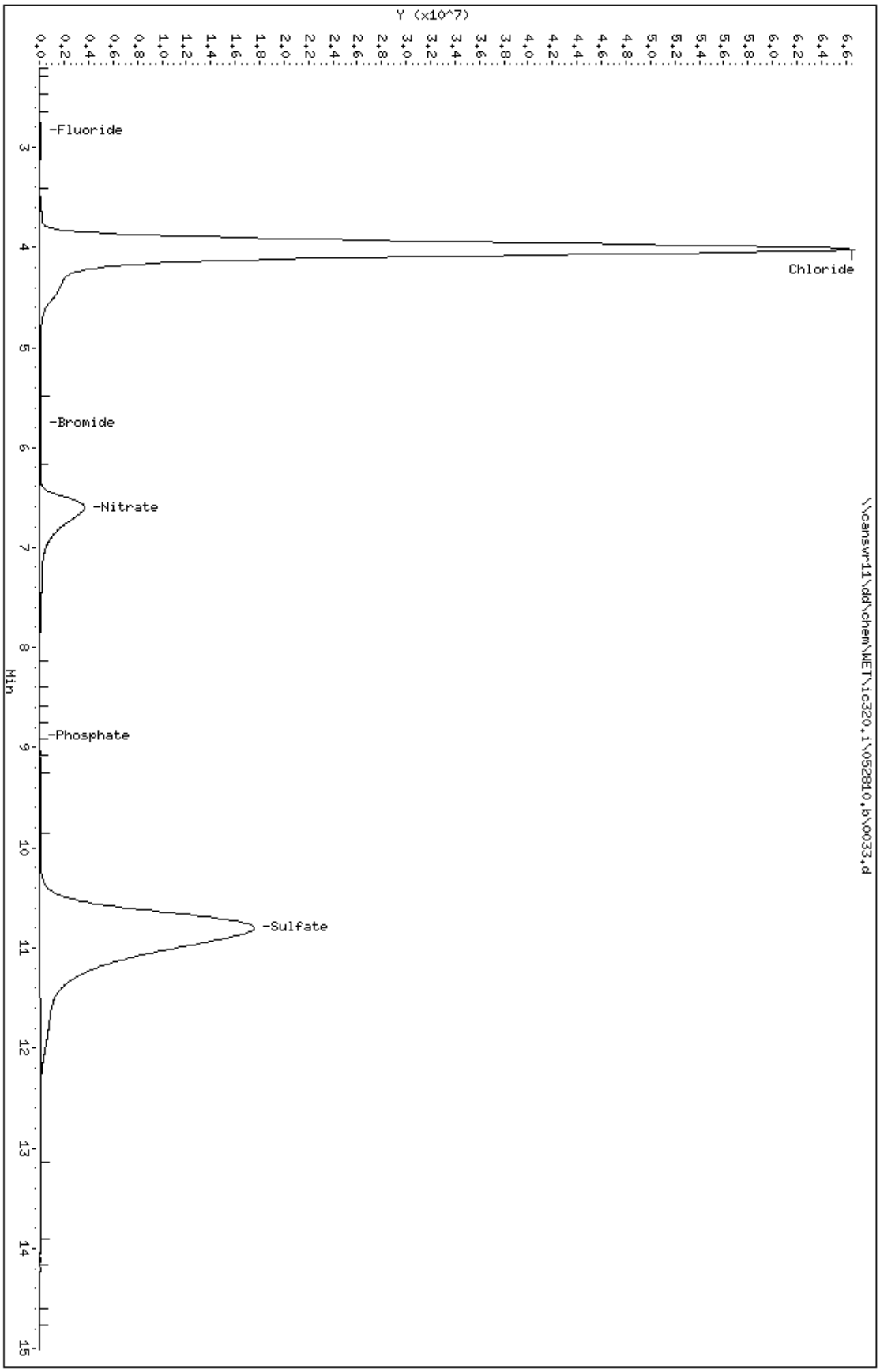
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.808	0.033	1728727	0.13866	0.1387
2 Chloride	4.016	3.916	0.100	710186011	69.0745	69.07
3 Nitrite	Compound Not Detected.					
4 Bromide	5.758	5.716	0.042	1543754	0.41406	0.4141
5 Nitrate	6.608	6.633	-0.025	78441231	3.79369	3.794
6 Phosphate	8.883	8.900	-0.017	4536	0.21998	0.2200
7 Sulfate	10.800	10.741	0.059	541183100	79.3028	79.30

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0033.d
Date : 29-MAY-2010 01:48
Client ID:
Sample Info: L1P5A
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0034.d
Report Date: 01-Jun-2010 13:11

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ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0034.d
Lab Smp Id: L1P5C ORG
Inj Date : 29-MAY-2010 02:05
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P5C ORG
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

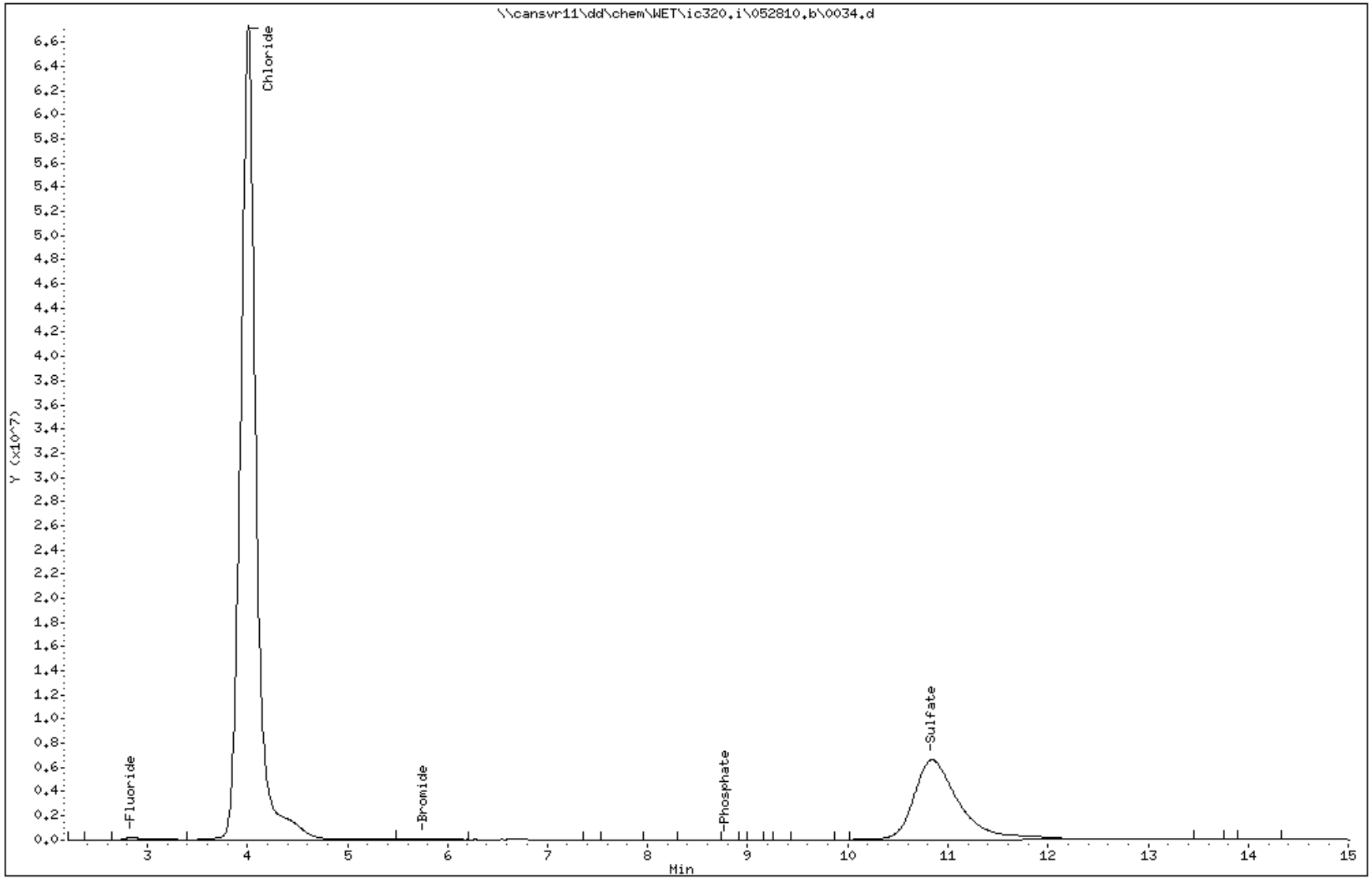
Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.808	0.033	2894674	0.23218	0.2322
2 Chloride	4.008	3.916	0.092	732311893	71.2265	71.23
3 Nitrite	Compound Not Detected.					
4 Bromide	5.758	5.716	0.042	1182730	0.31723	0.3172
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.783	8.900	-0.117	3825	0.21806	0.2181
7 Sulfate	10.841	10.741	0.100	208403366	30.5386	30.54

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0034.d
Date : 29-MAY-2010 02:05
Client ID:
Sample Info: L1P5C ORG
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i

Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0035.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0035.d
Lab Smp Id: L1P5C MS
Inj Date : 29-MAY-2010 02:23
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P5C MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

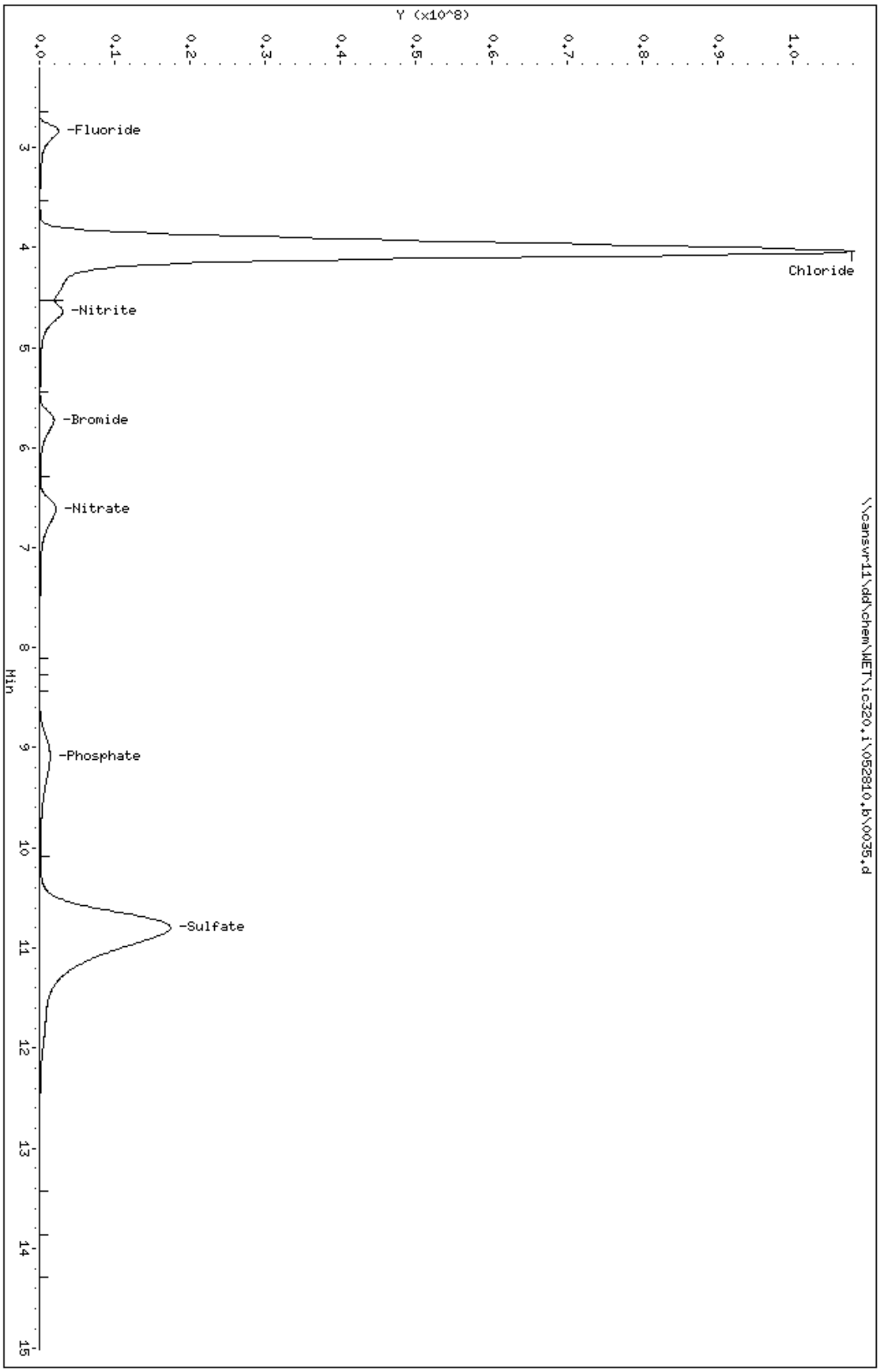
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.833	2.808	0.025	33934518	2.72193	2.722
2 Chloride	4.041	3.916	0.125	1272348675	123.752	123.8(R)
3 Nitrite	4.633	4.600	0.033	49347201	2.72113	2.721
4 Bromide	5.725	5.716	0.009	33914112	9.09635	9.096
5 Nitrate	6.625	6.633	-0.008	47598162	2.30201	2.302
6 Phosphate	9.091	8.900	0.191	1363412	3.88824	3.888(R)
7 Sulfate	10.800	10.741	0.059	539403747	79.0421	79.04(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0035.d
Date : 29-MAY-2010 02:23
Client ID:
Sample Info: L1P5C MS,,3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0036.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0036.d
Lab Smp Id: L1P5E
Inj Date : 29-MAY-2010 02:40
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P5E
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:10 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

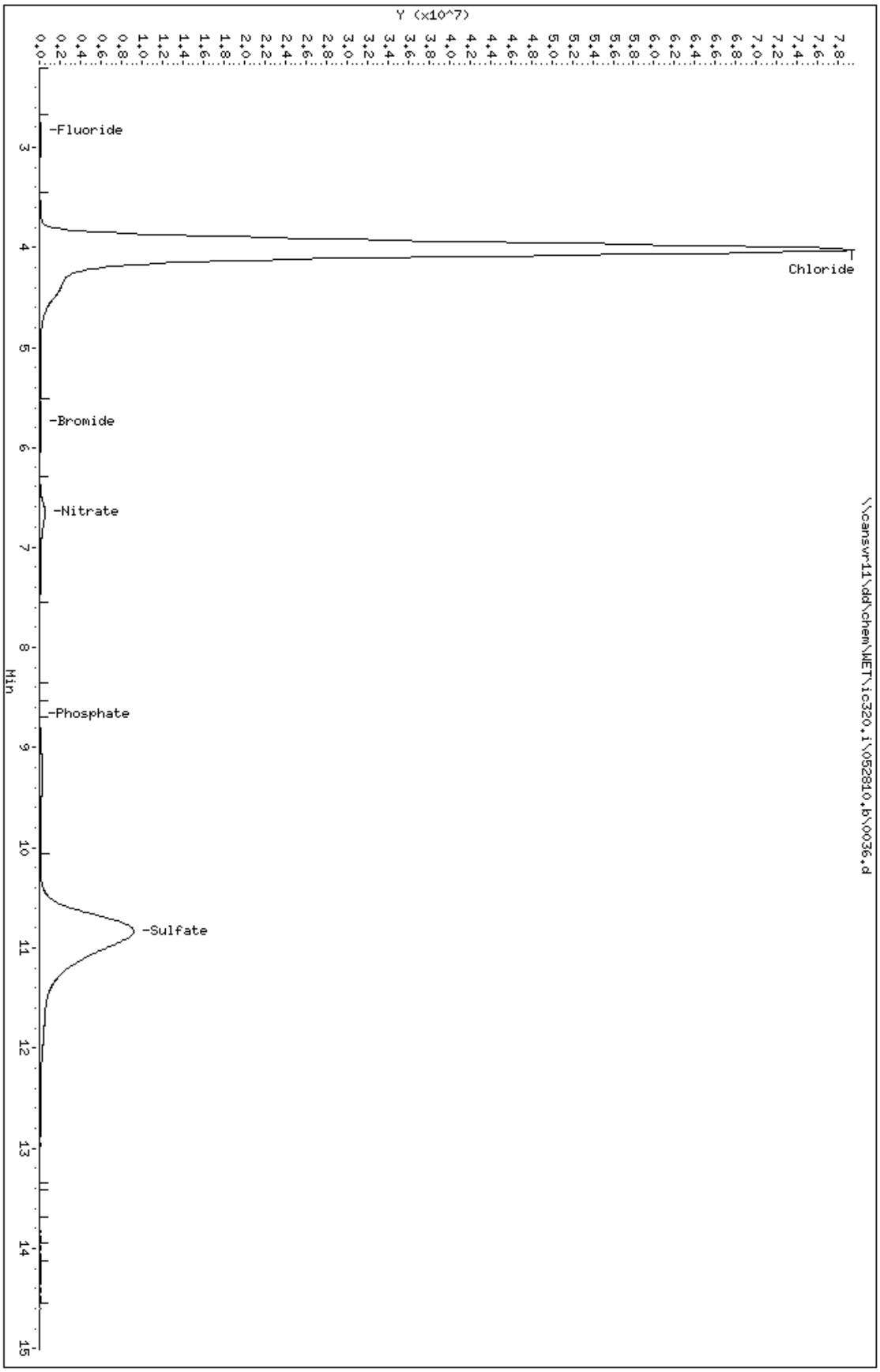
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.808	0.033	3232907	0.25932	0.2593
2 Chloride	4.025	3.916	0.109	882730824	85.8566	85.86
3 Nitrite	Compound Not Detected.					
4 Bromide	5.733	5.716	0.017	1680905	0.45085	0.4508
5 Nitrate	6.658	6.633	0.025	10067946	0.48692	0.4869
6 Phosphate	8.675	8.900	-0.225	3610	0.21748	0.2175
7 Sulfate	10.833	10.741	0.092	287081106	42.0677	42.07

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0036.d
Date : 29-MAY-2010 02:40
Client ID:
Sample Info: L1P5E
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0037.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 29-MAY-2010 02:57
Lab File ID: 0037.d Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 17:19 19:38
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	12467102	11673114	11673114	0.010	6.36866	10.00000	Averaged
2 Chloride	10281456	9996745	9996745	0.010	2.76917	10.00000	Averaged
3 Nitrite	18134799	19035634	19035634	0.010	-4.96744	10.00000	Averaged
4 Bromide	3728320	3367470	3367470	0.010	9.67861	10.00000	Averaged
5 Nitrate	20676775	19715806	19715806	0.010	4.64758	10.00000	Averaged
6 Phosphate	2.50000	2.26335	304593	0.010	9.46615	10.00000	Linear
7 Sulfate	6824259	6375380	6375380	0.010	6.57769	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0037.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0037.d
Lab Smp Id: CCV
Inj Date : 29-MAY-2010 02:57
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

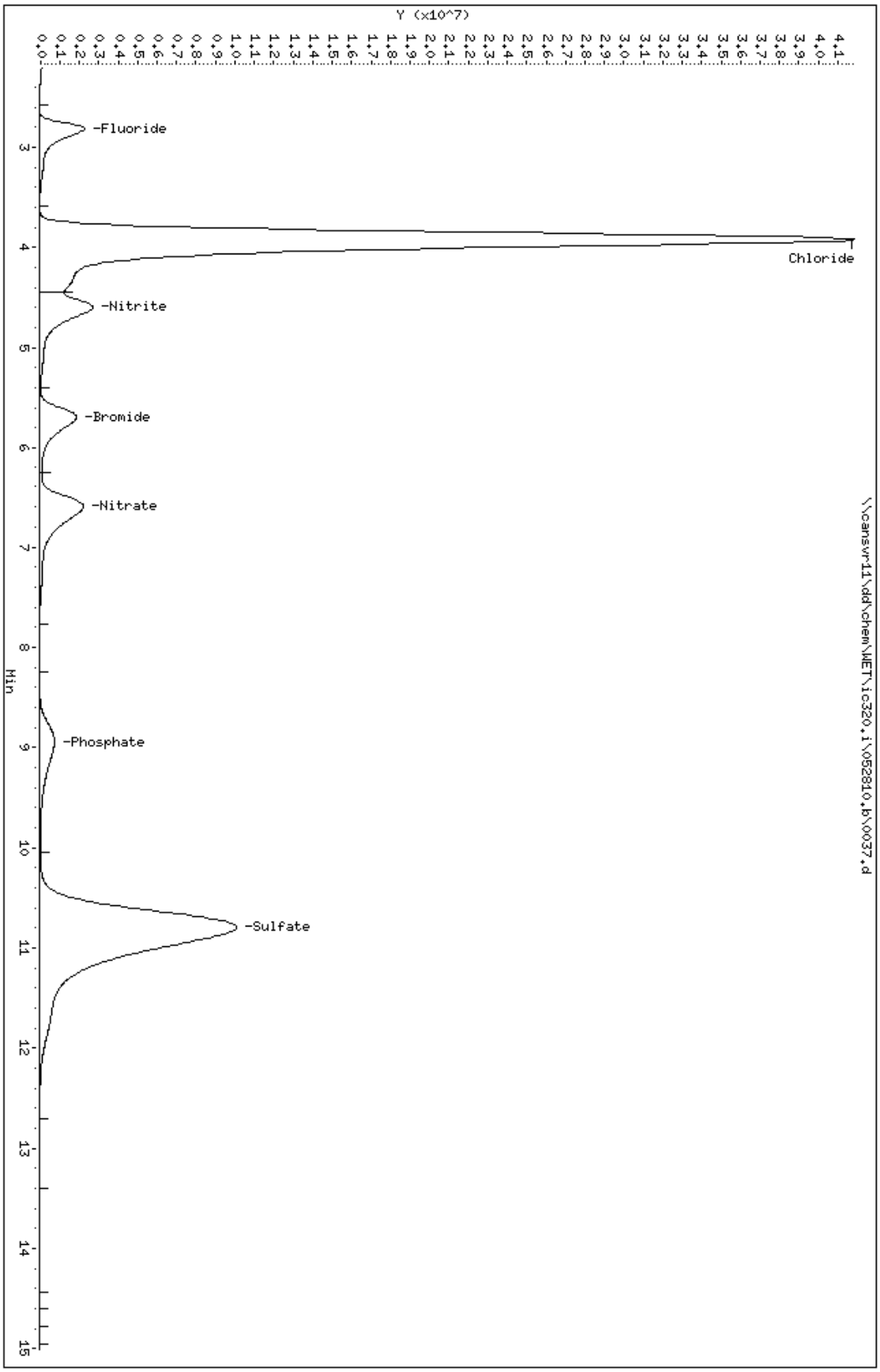
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.816	2.816	0.000	29182786	2.50000	2.341
2 Chloride	3.916	3.916	0.000	499837273	50.0000	48.62
3 Nitrite	4.591	4.591	0.000	47589085	2.50000	2.624
4 Bromide	5.691	5.691	0.000	33674704	10.0000	9.032
5 Nitrate	6.591	6.591	0.000	49289515	2.50000	2.384
6 Phosphate	8.950	8.950	0.000	761483	2.50000	2.263
7 Sulfate	10.800	10.800	0.000	318769021	50.0000	46.71

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0037.d
Date : 29-MAY-2010 02:57
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0038.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

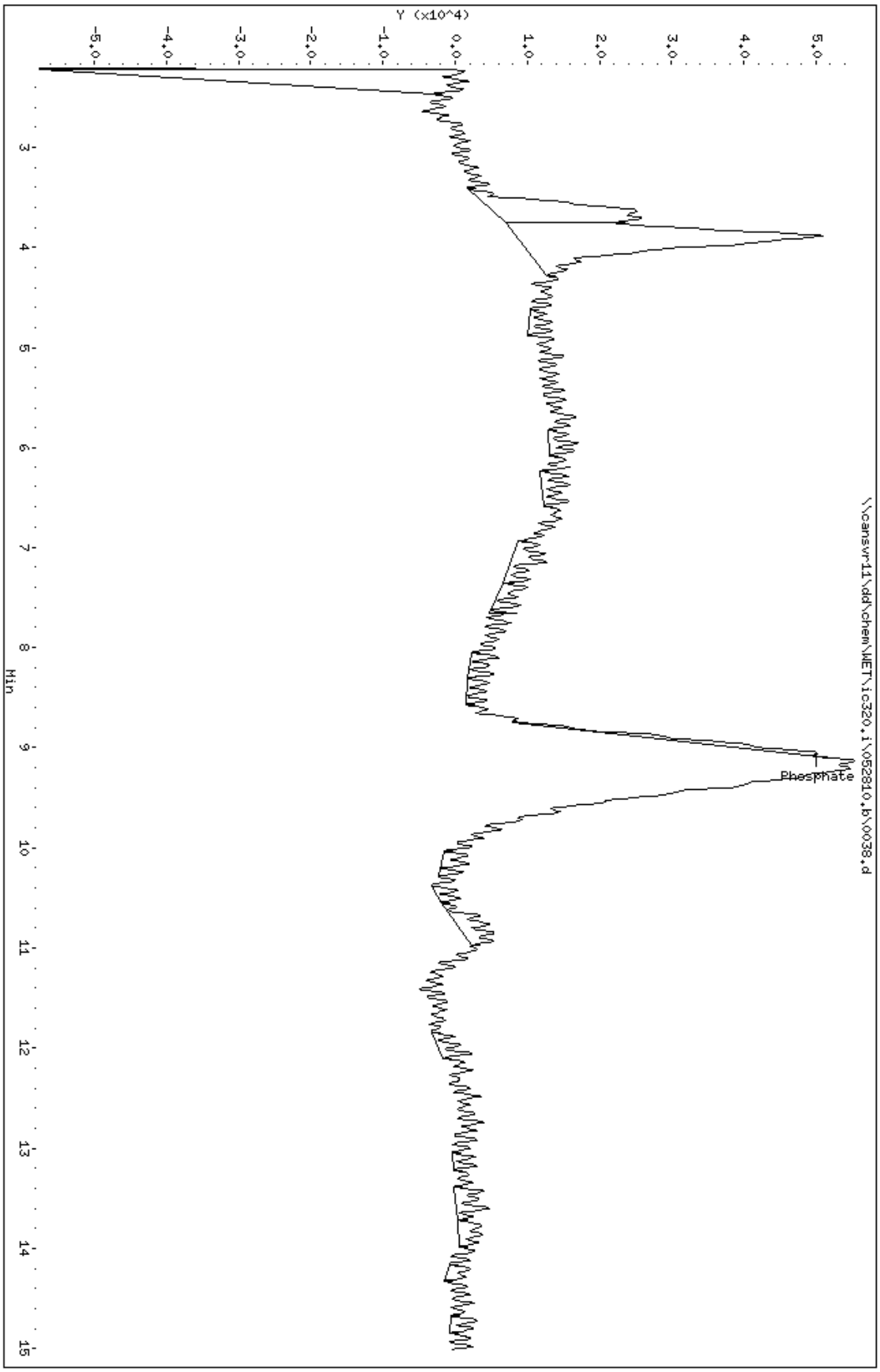
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0038.d
Lab Smp Id: CCB
Inj Date : 29-MAY-2010 03:15
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.091	8.950	0.141	0	0.20774	0.2077
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0038.d
Date : 29-MAY-2010 03:15
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0038.d
Phosphate
Y (x10^4)
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
3
4
5
6
7
8
9
10
11
12
13
14
15
Min

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0039.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0039.d
Lab Smp Id: L1P5F
Inj Date : 29-MAY-2010 03:32
Operator : 001754 Inst ID: ic320.i
Smp Info : L1P5F
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

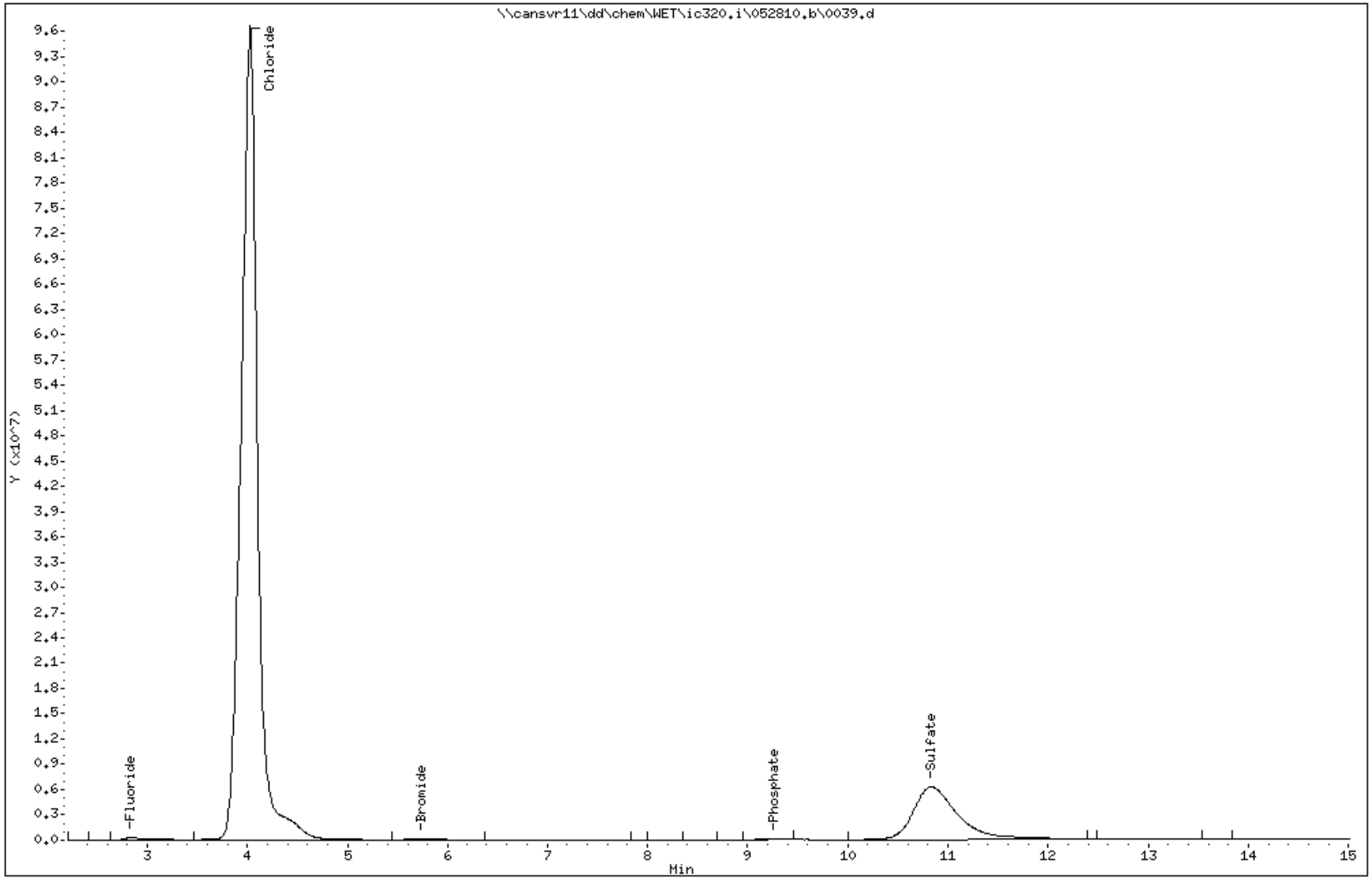
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.833	2.816	0.017	4069819	0.32644	0.3264
2 Chloride	4.025	3.916	0.109	1108411132	107.807	107.8
3 Nitrite	Compound Not Detected.					
4 Bromide	5.733	5.691	0.042	1847480	0.49553	0.4955
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.266	8.950	0.316	15786	0.25035	0.2504
7 Sulfate	10.833	10.800	0.033	192558379	28.2167	28.22

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0039.d
Date : 29-MAY-2010 03:32
Client ID:
Sample Info: L1P5F
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0040.d
Report Date: 01-Jun-2010 13:18

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0040.d
Lab Smp Id: L179V ORG
Inj Date : 29-MAY-2010 03:50
Operator : 001754 Inst ID: ic320.i
Smp Info : L179V ORG
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

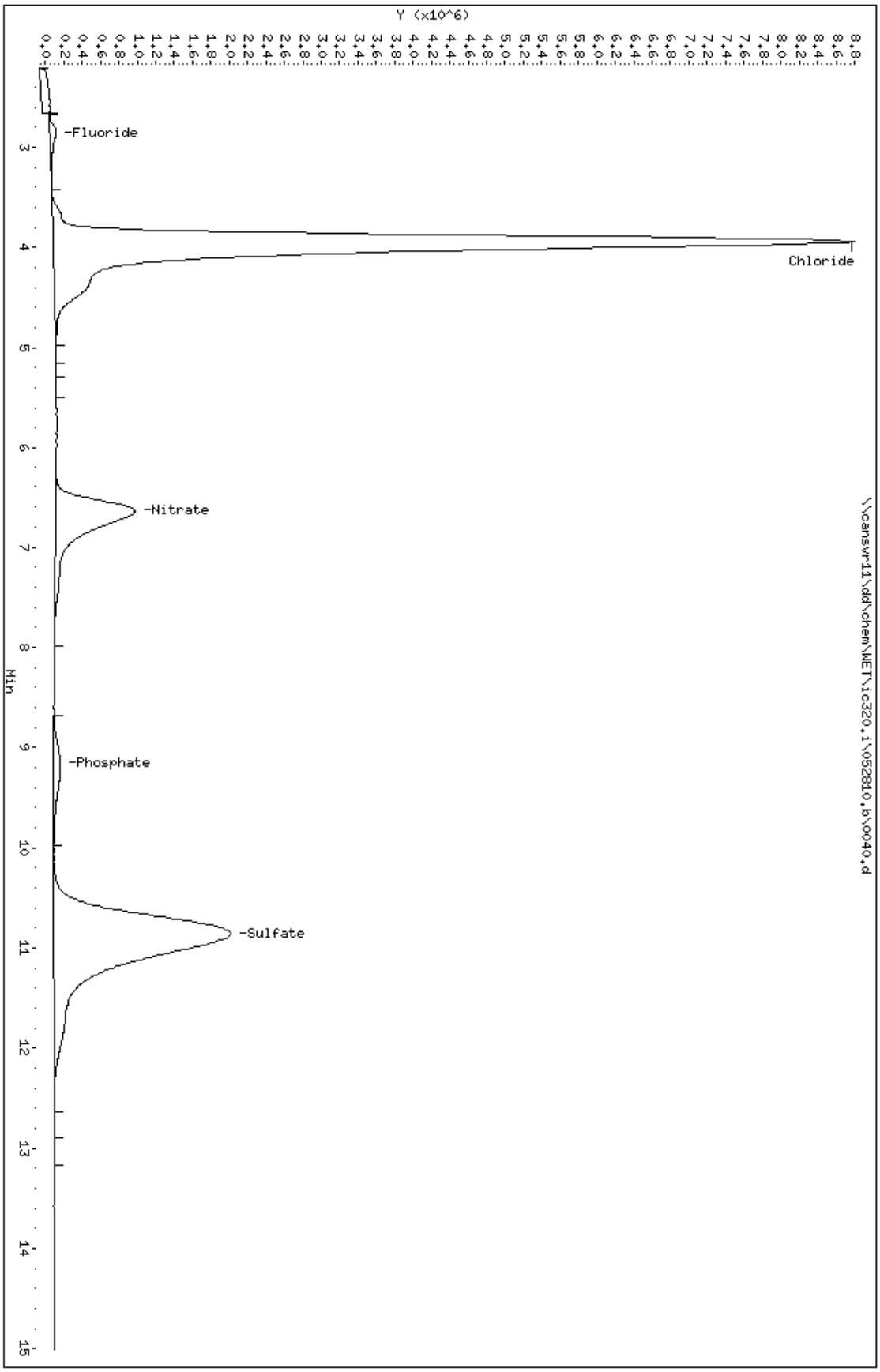
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

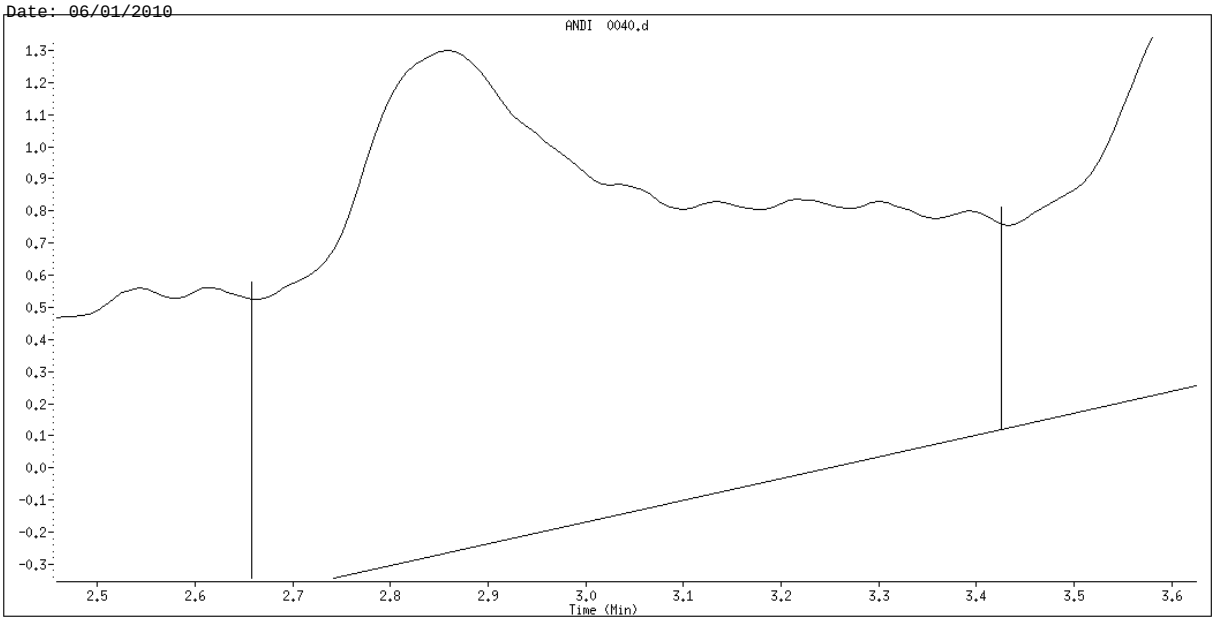
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.858	2.825	0.033	1073762	0.08613	0.08613(M)
2 Chloride	3.941	3.950	-0.009	103341383	10.0512	10.05(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.641	6.708	-0.067	18332323	0.88661	0.8866
6 Phosphate	9.166	8.883	0.283	71584	0.40098	0.4010
7 Sulfate	10.858	10.725	0.133	62415671	9.14615	9.146

QC Flag Legend

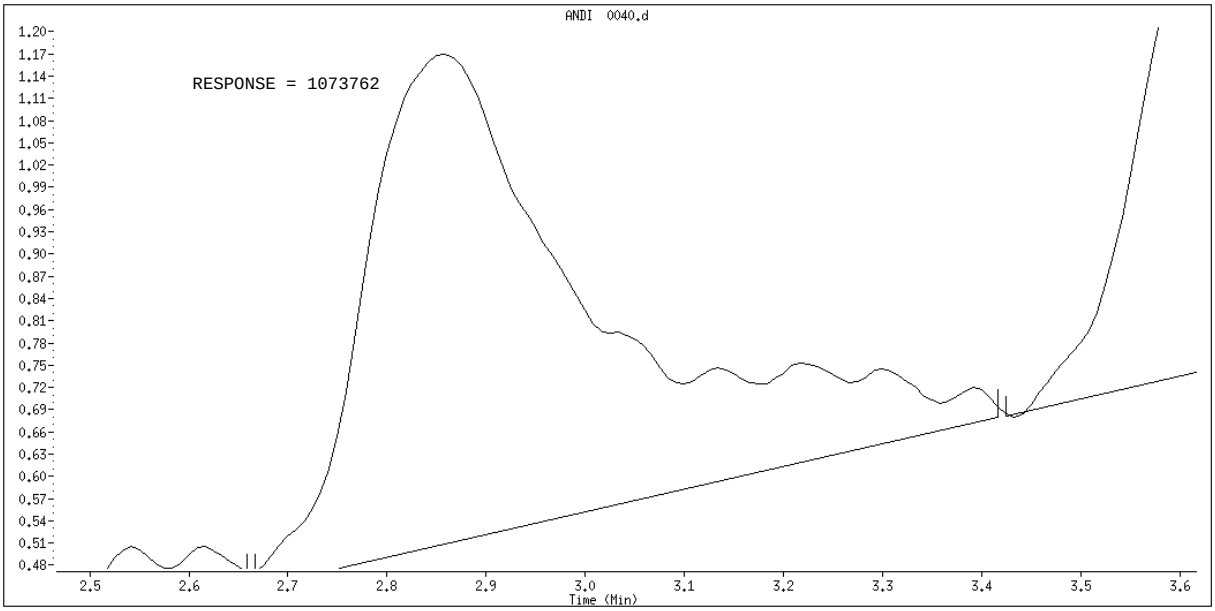
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0040.d
Date : 29-MAY-2010 03:50
Client ID:
Sample Info: L179V ORG
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0040.d
Y (x10^6)
Min
-Fluoride
Chloride
-Nitrate
-Phosphate
-Sulfate

Data File Name: 0040.d
Inj. Date and Time: 29-MAY-2010 03:50
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



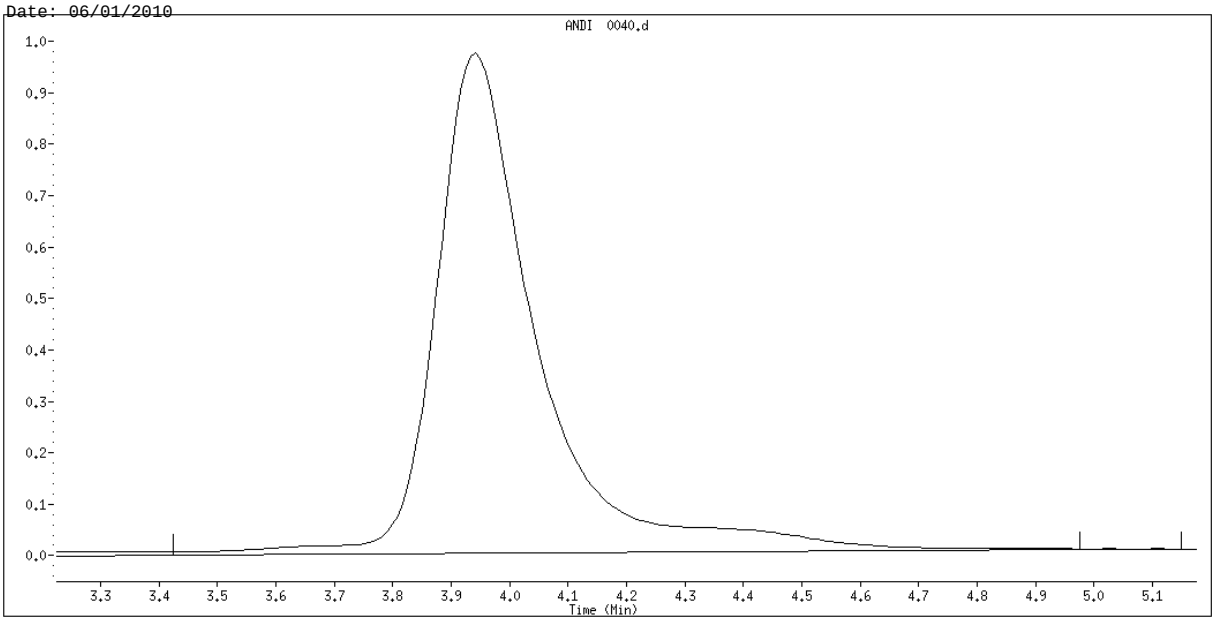
Original Integration



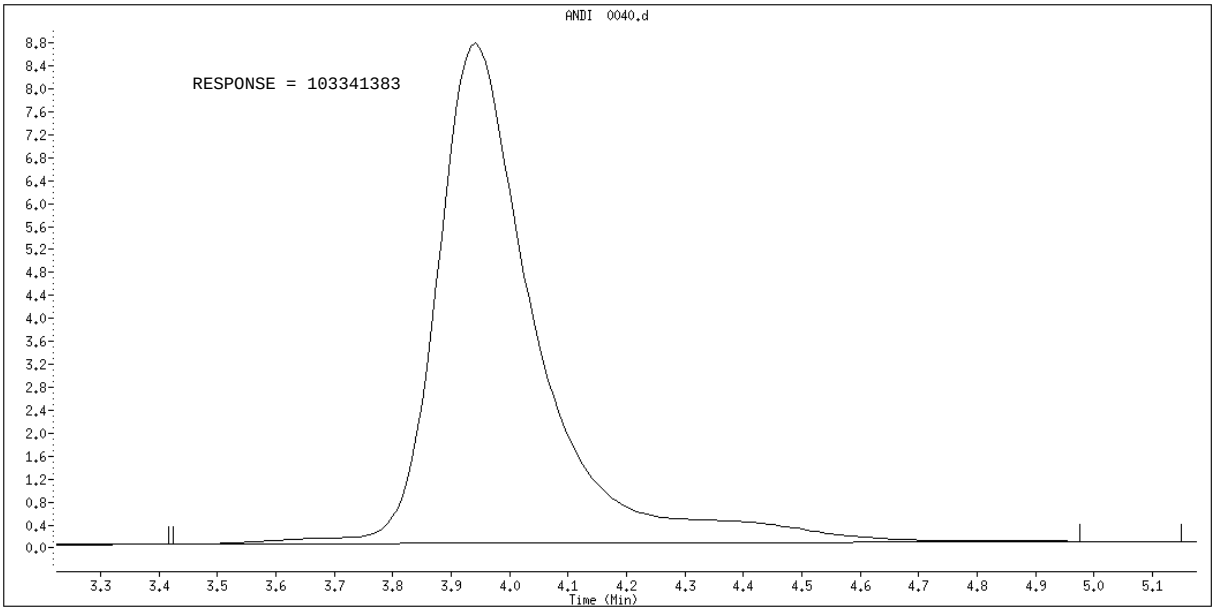
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0040.d
Inj. Date and Time: 29-MAY-2010 03:50
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0041.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0041.d
Lab Smp Id: L179V MS
Inj Date : 29-MAY-2010 04:07
Operator : 001754 Inst ID: ic320.i
Smp Info : L179V MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

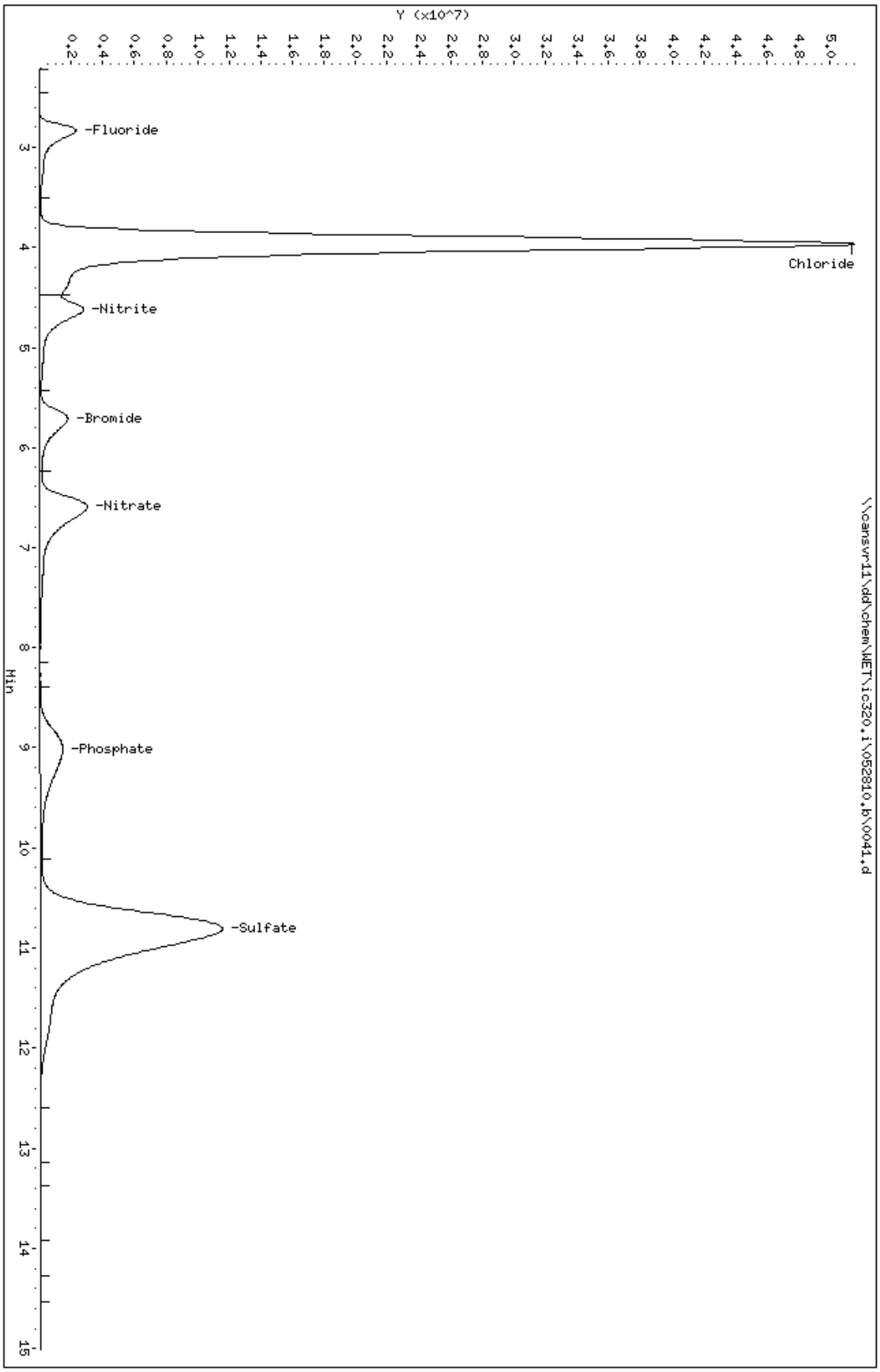
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.833	2.816	0.017	31710935	2.54357	2.544
2 Chloride	3.966	3.916	0.050	583061185	56.7100	56.71(R)
3 Nitrite	4.616	4.591	0.025	48134759	2.65428	2.654
4 Bromide	5.708	5.691	0.017	31862384	8.54604	8.546(R)
5 Nitrate	6.600	6.591	0.009	66174331	3.20042	3.200(R)
6 Phosphate	9.025	8.950	0.075	1419623	4.03998	4.040(R)
7 Sulfate	10.808	10.800	0.008	361536503	52.9781	52.98

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0041.d
Date : 29-MAY-2010 04:07
Client ID:
Sample Info: L179V MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



\\cansvr11\dd\chem\WET\ic320.i\052810.b\0041.d

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0042.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0042.d
Lab Smp Id: L179V MSD
Inj Date : 29-MAY-2010 04:24
Operator : 001754 Inst ID: ic320.i
Smp Info : L179V MSD,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

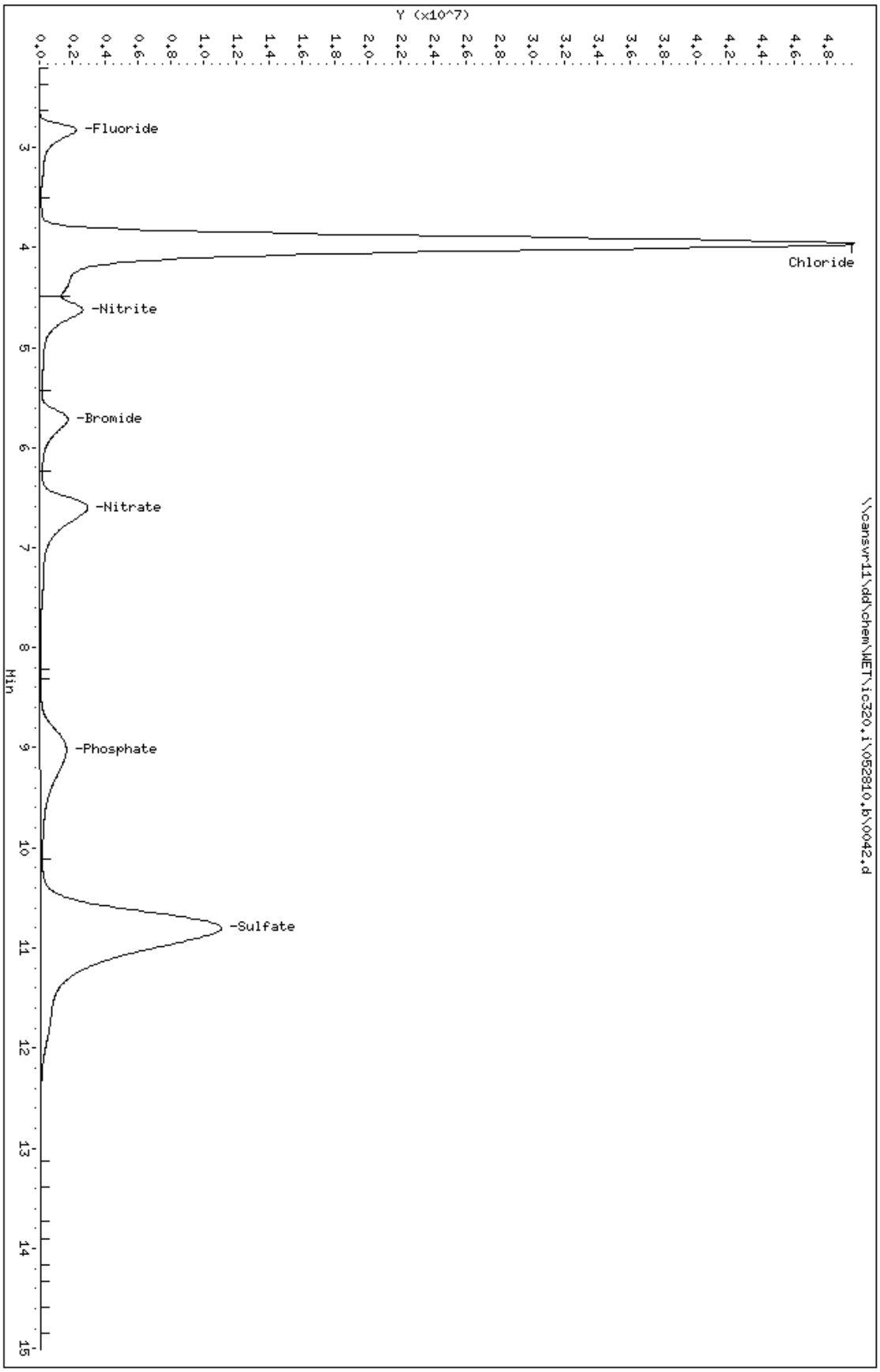
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	31272722	2.50842	2.508
2 Chloride	3.958	3.916	0.042	562629458	54.7227	54.72
3 Nitrite	4.616	4.591	0.025	46448684	2.56130	2.561
4 Bromide	5.716	5.691	0.025	32087632	8.60646	8.606(R)
5 Nitrate	6.608	6.591	0.017	69089794	3.34142	3.341(R)
6 Phosphate	9.025	8.950	0.075	1597357	4.51977	4.520(R)
7 Sulfate	10.800	10.800	0.000	349821330	51.2614	51.26

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0042.d
Date : 29-MAY-2010 04:24
Client ID:
Sample Info: L179V MSD,.3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052810.b\0043.d
Report Date: 01-Jun-2010 13:53

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052810.b\0043.d
Lab Smp Id: L1796
Inj Date : 29-MAY-2010 04:42
Operator : 001754 Inst ID: ic320.i
Smp Info : L1796
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052810.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

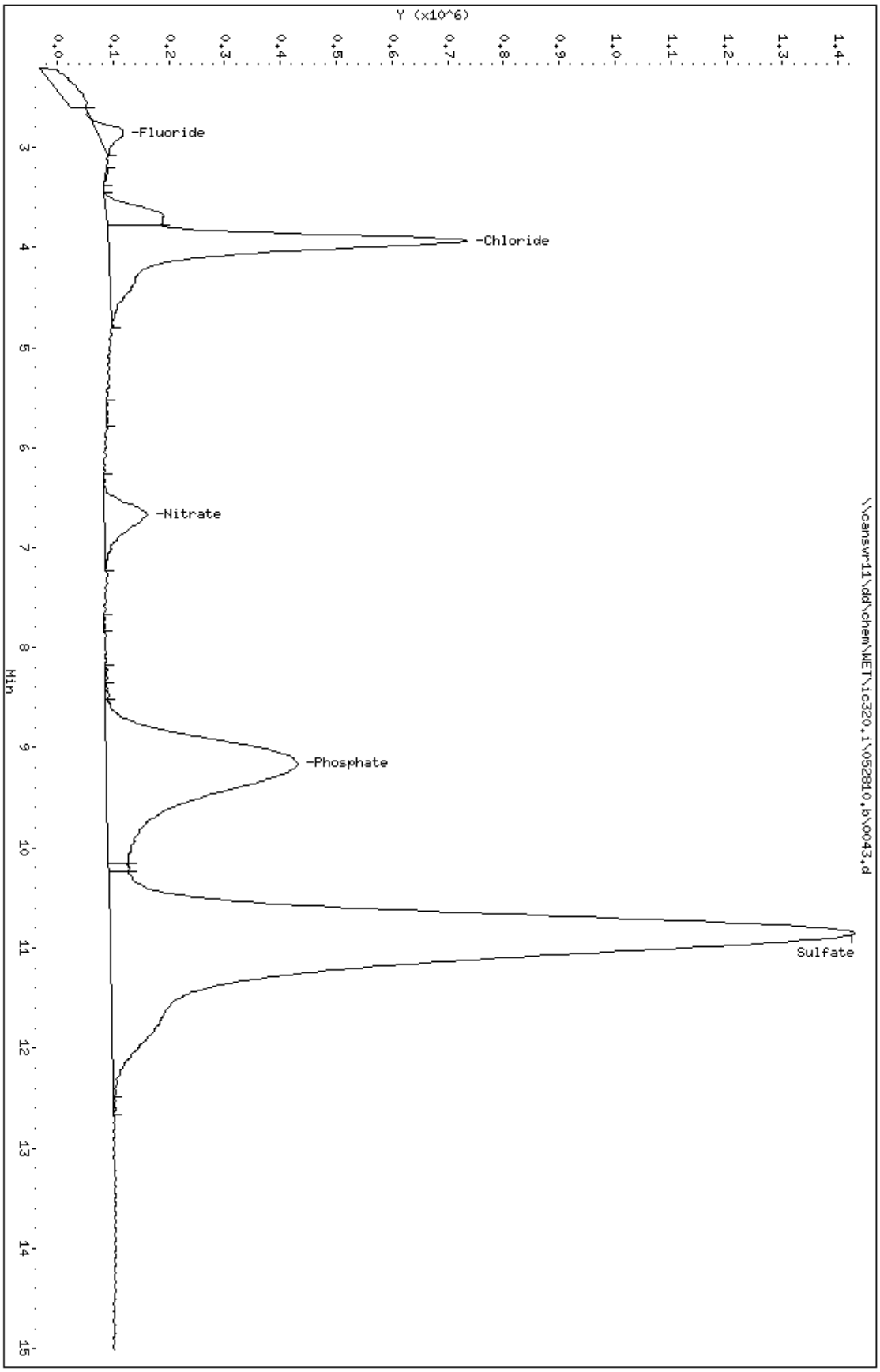
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

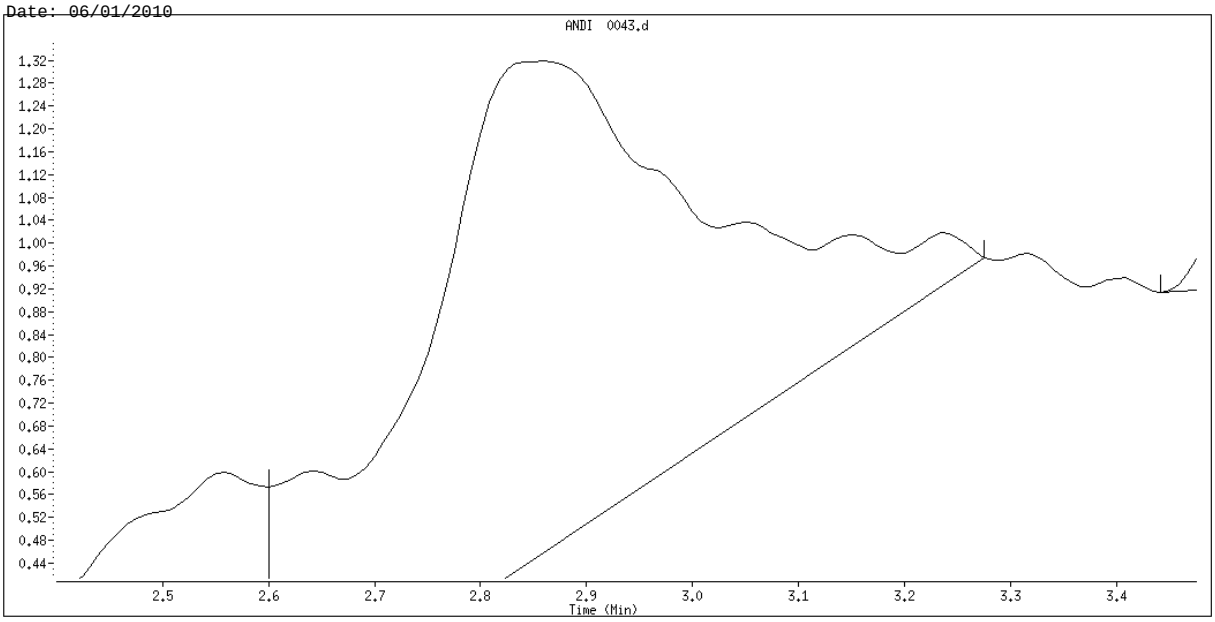
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.858	2.825	0.033	481843	0.03865	0.03865(aM)
2 Chloride	3.933	3.950	-0.017	8731614	0.84926	0.8492(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.675	6.708	-0.033	1505904	0.07283	0.07283(a)
6 Phosphate	9.166	8.883	0.283	342652	1.13272	1.133
7 Sulfate	10.850	10.725	0.125	44175324	6.47328	6.473

QC Flag Legend

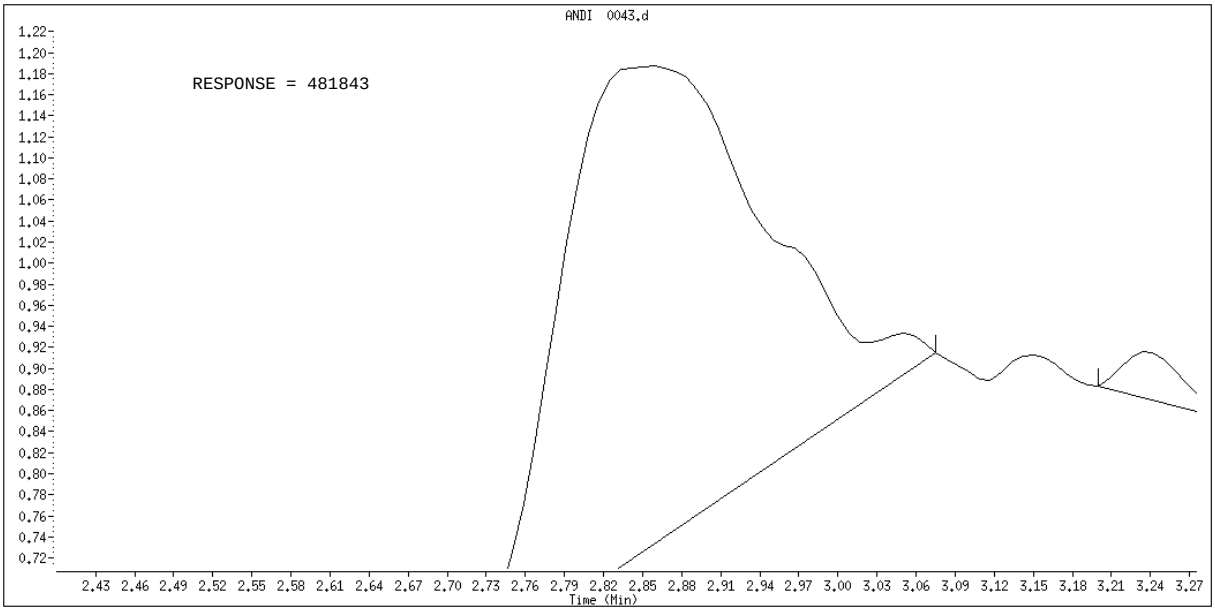
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0043.d
Date : 29-MAY-2010 04:42
Client ID:
Sample Info: L1796
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0043.d
Y (x10^6)
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-Fluoride
-Chloride
-Nitrate
-Phosphate
Sulfate
Min
3
4
5
6
7
8
9
10
11
12
13
14
15

Data File Name: 0043.d
Inj. Date and Time: 29-MAY-2010 04:42
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0044.d
Report Date: 01-Jun-2010 16:44

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\052810.b\0044.d
Lab Smp Id: L18AA
Inj Date : 29-MAY-2010 04:59
Operator : 001754 Inst ID: ic320.i
Smp Info : L18AA
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\052810.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

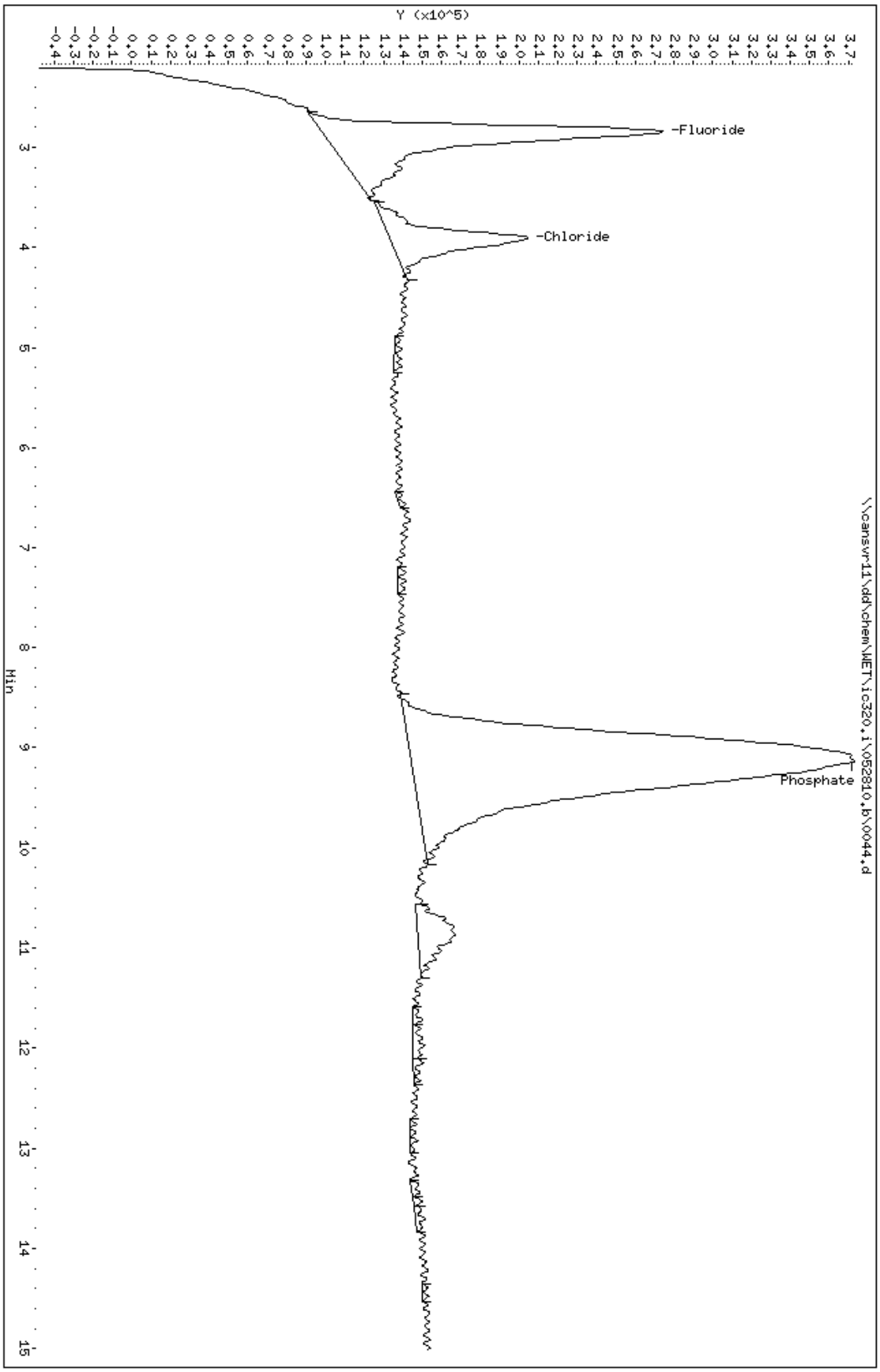
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

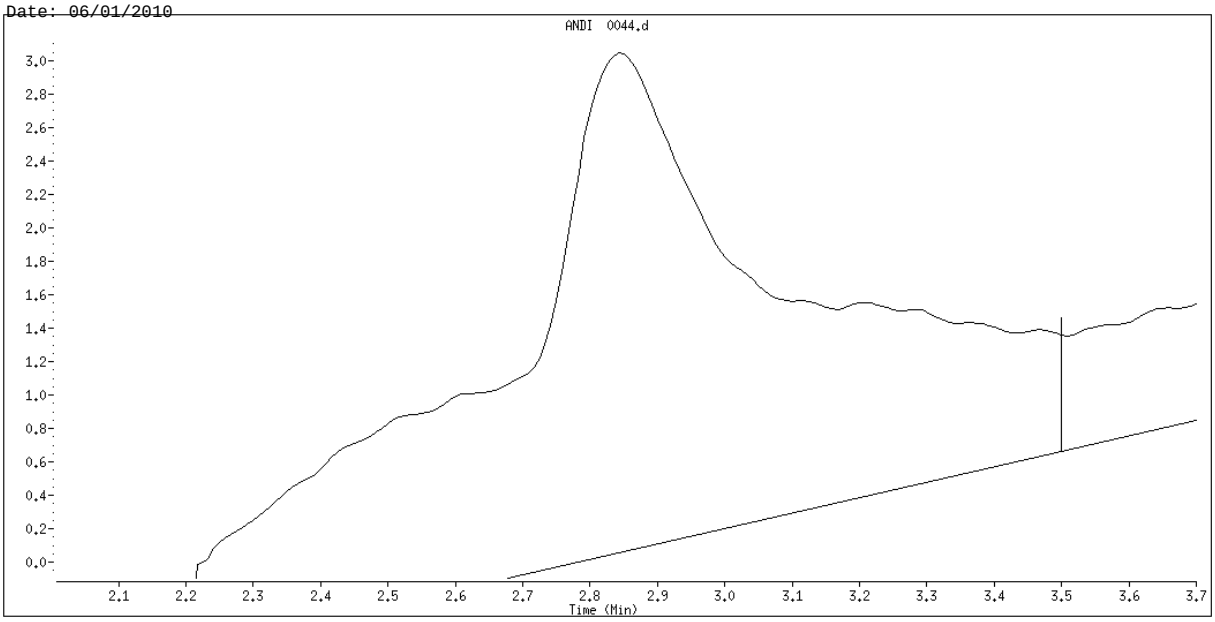
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.825	0.016	2597779	0.20837	0.2084(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.133	8.883	0.250	229007	0.82594	0.8259(M)
7 Sulfate	Compound Not Detected.					

QC Flag Legend

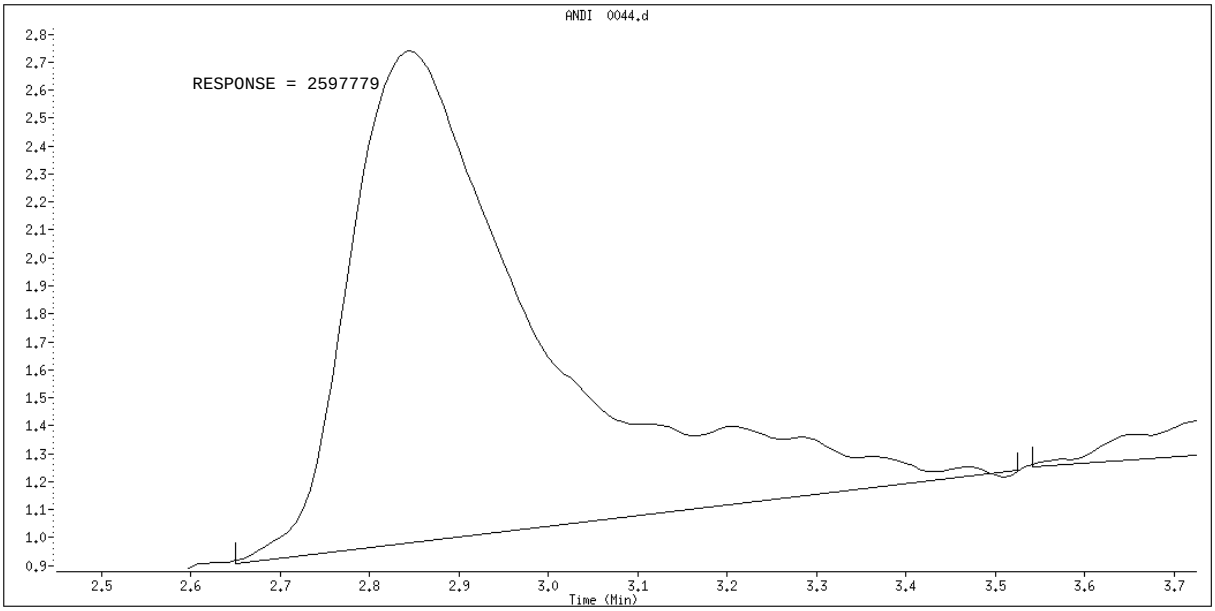
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0044.d
Date : 29-MAY-2010 04:59
Client ID:
Sample Info: L18AA
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0044.d
Y (x10^5)
-Fluoride
-Chloride
Phosphate
Min

Data File Name: 0044.d
Inj. Date and Time: 29-MAY-2010 04:59
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



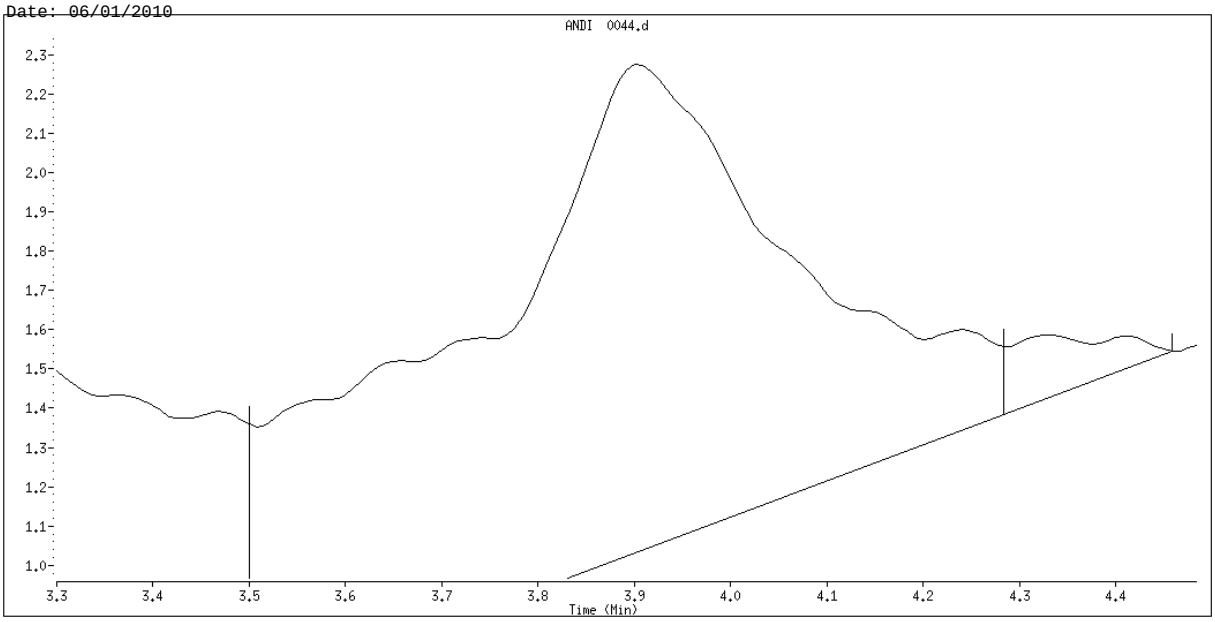
Original Integration



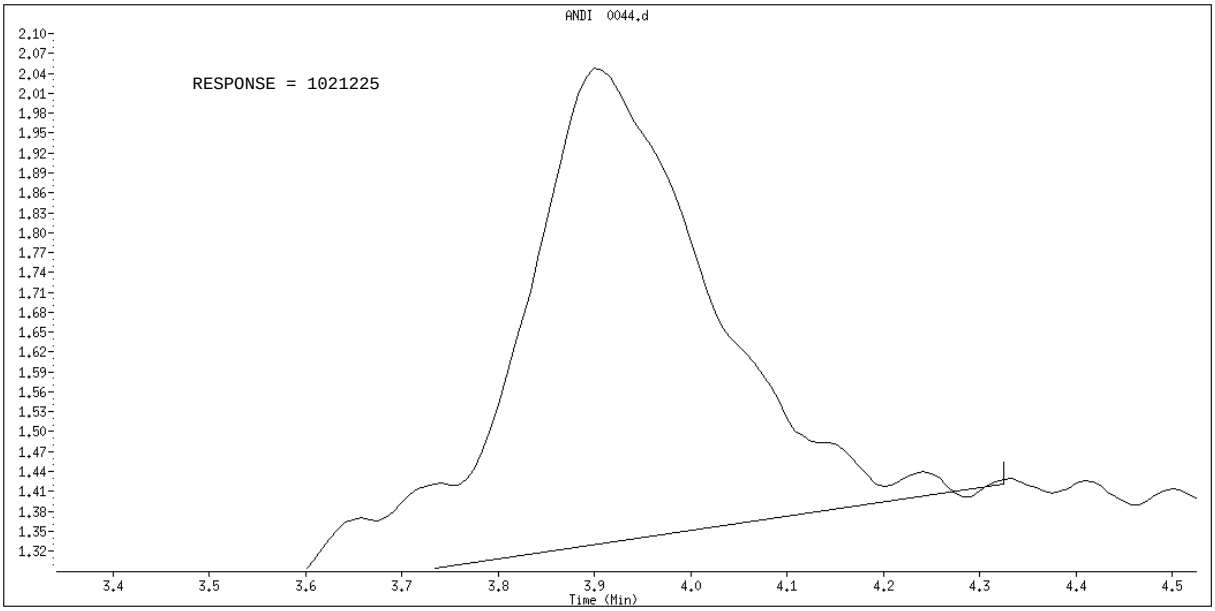
Manual Integration

Manually Integrated By: colono
Manual Integration Reason: Baseline Event

Data File Name: 0044.d
Inj. Date and Time: 29-MAY-2010 04:59
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



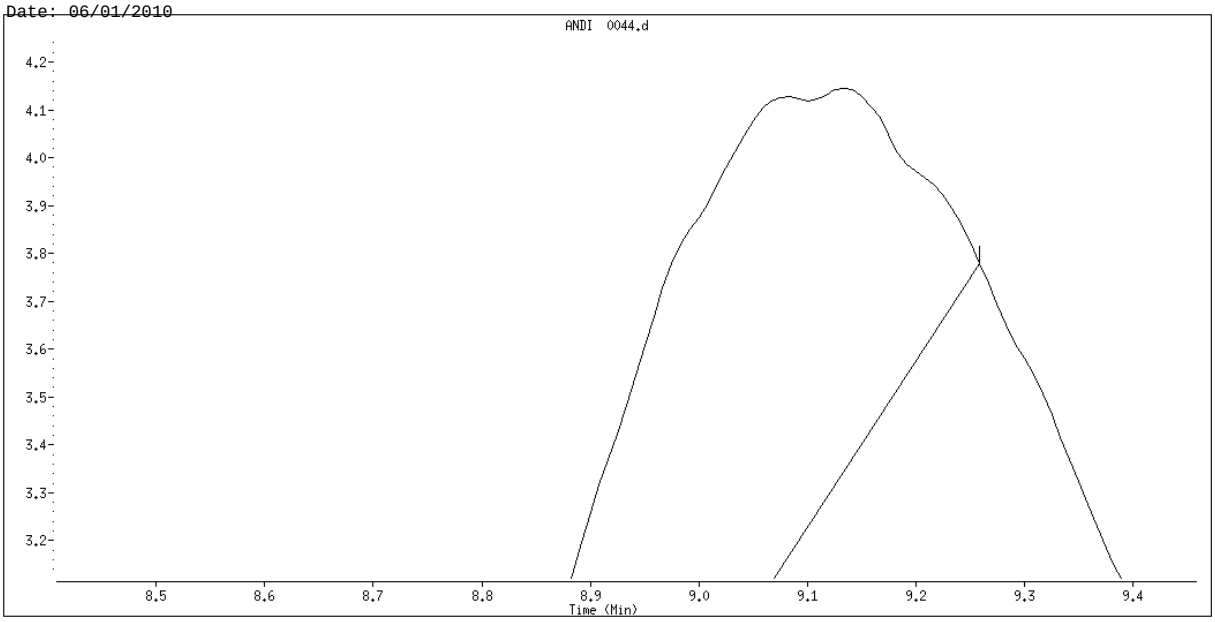
Original Integration



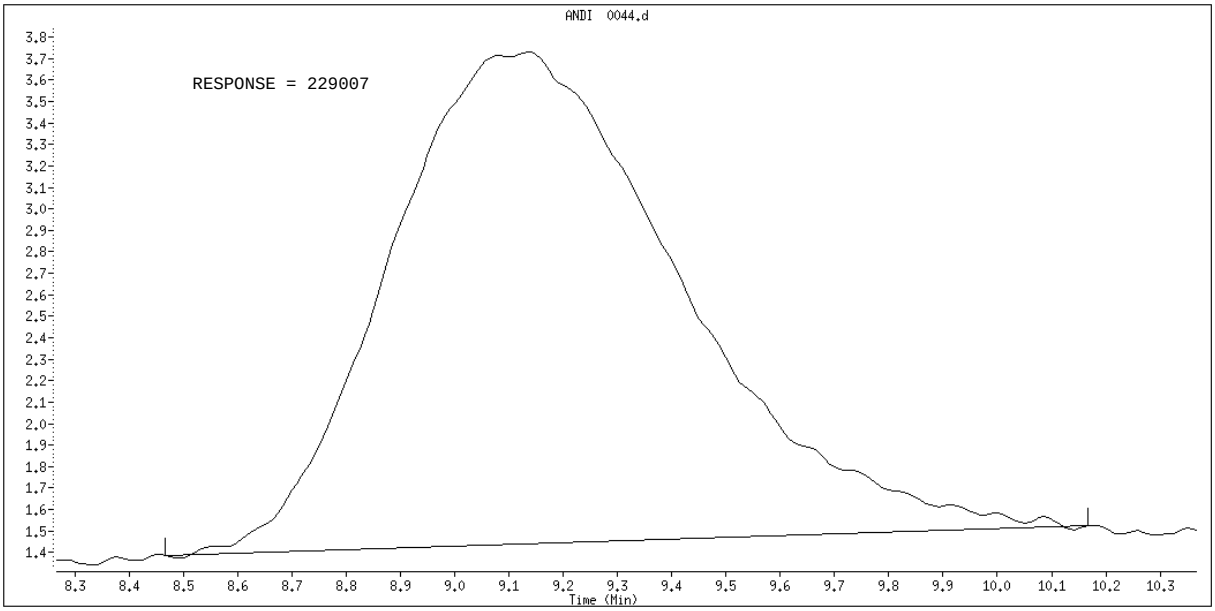
Manual Integration

Manually Integrated By: colono
Manual Integration Reason: Baseline Event

Data File Name: 0044.d
Inj. Date and Time: 29-MAY-2010 04:59
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: colono
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0045.d
Report Date: 01-Jun-2010 13:20

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ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0045.d
Lab Smp Id: L1798
Inj Date : 29-MAY-2010 05:17
Operator : 001754 Inst ID: ic320.i
Smp Info : L1798
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

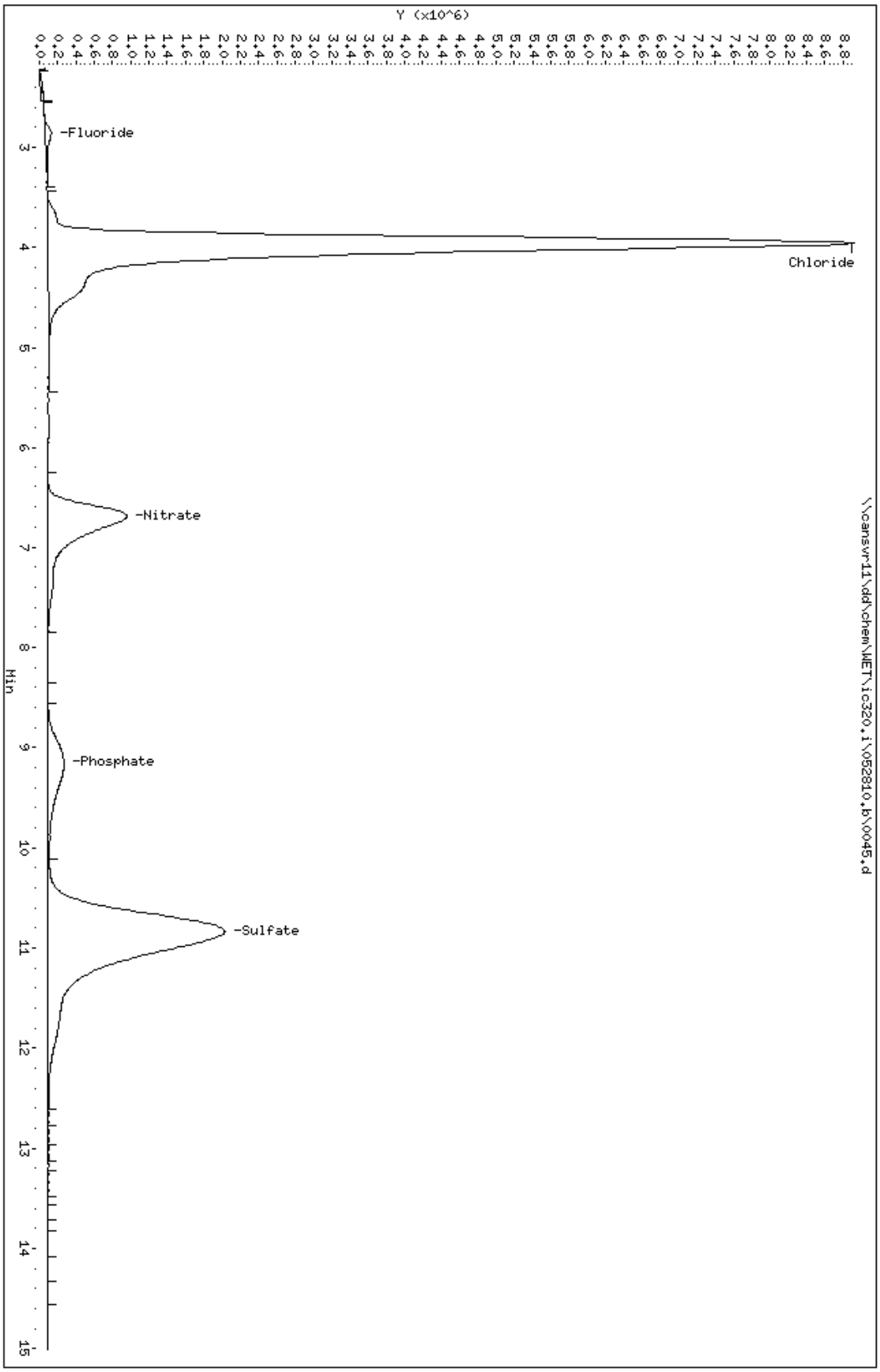
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.858	2.825	0.033	729357	0.05850	0.05850(M)
2 Chloride	3.958	3.950	0.008	105586146	10.2696	10.27(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.691	6.708	-0.017	18510559	0.89523	0.8952
6 Phosphate	9.141	8.883	0.258	175856	0.68246	0.6824
7 Sulfate	10.841	10.725	0.116	63329834	9.28010	9.280

QC Flag Legend

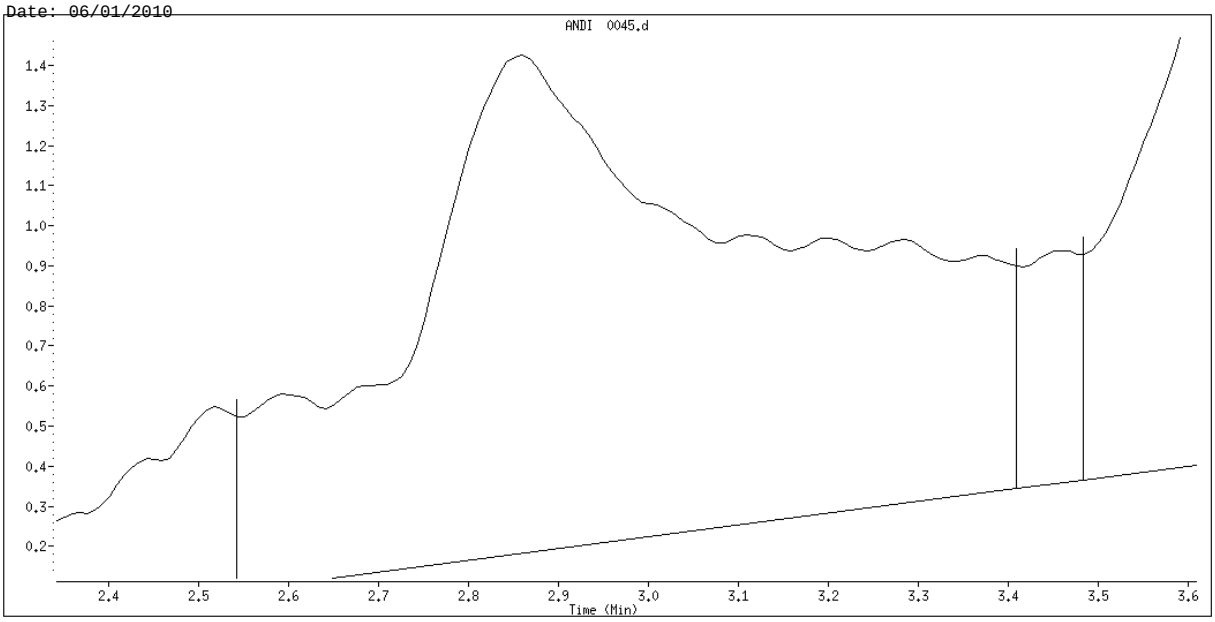
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0045.d
Date : 29-MAY-2010 05:17
Client ID:
Sample Info: L1798
Purge Volume: 1.0
Column phase: AS14

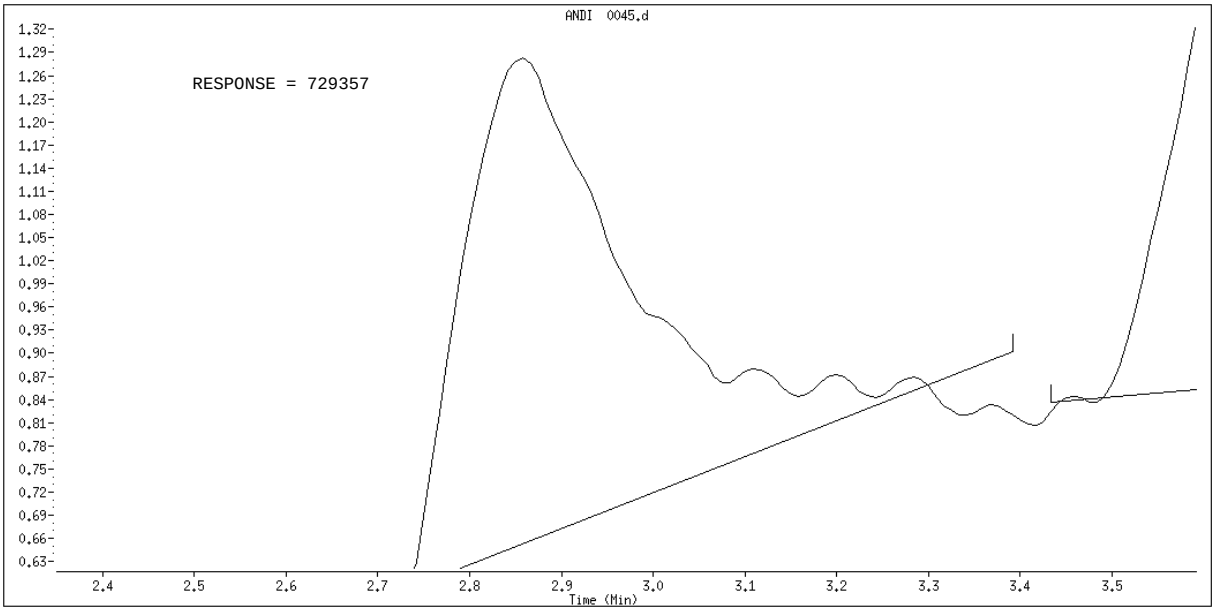
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0045.d
Inj. Date and Time: 29-MAY-2010 05:17
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



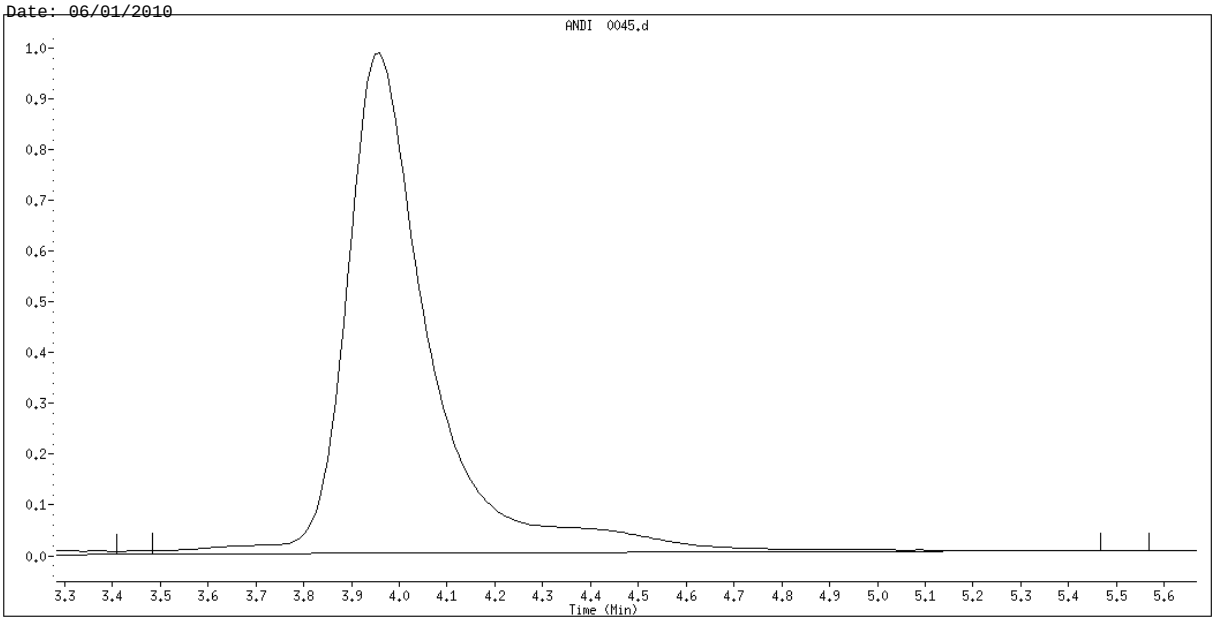
Original Integration



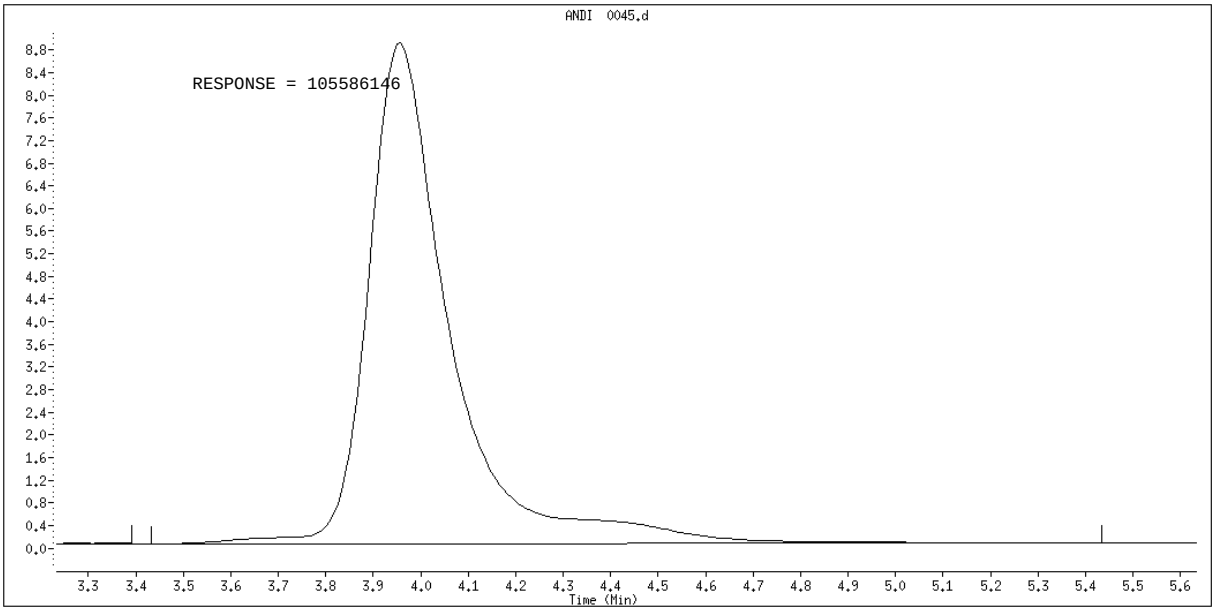
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0045.d
Inj. Date and Time: 29-MAY-2010 05:17
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0046.d
Report Date: 01-Jun-2010 13:11

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ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0046.d
Lab Smp Id: L1NK6
Inj Date : 29-MAY-2010 05:34
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NK6
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

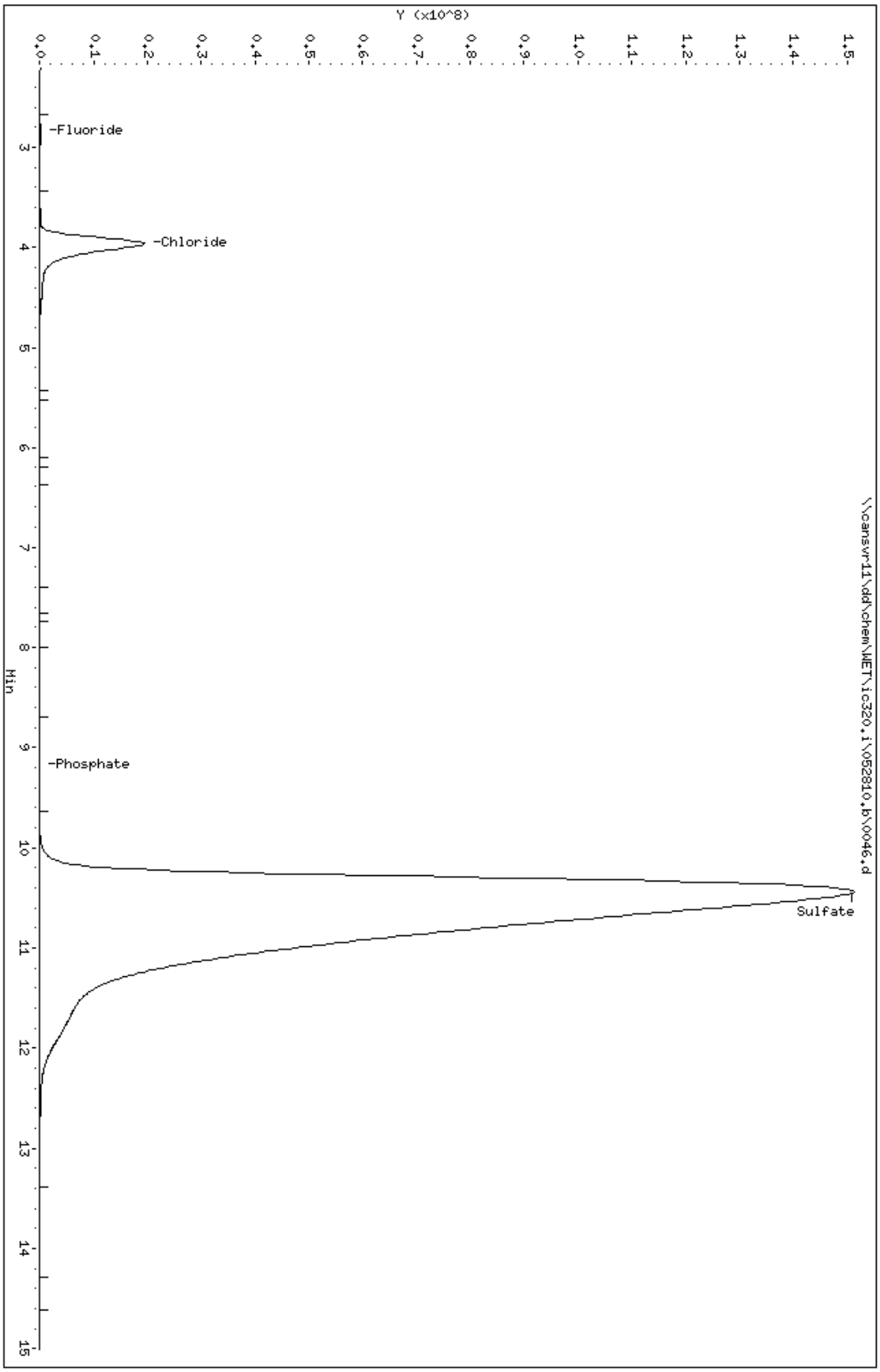
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.833	2.816	0.017	2656725	0.21310	0.2131
2 Chloride	3.958	3.916	0.042	222216205	21.6133	21.61
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.175	8.950	0.225	56728	0.36087	0.3609
7 Sulfate	10.441	10.800	-0.359	5603760271	821.153	821.2(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0046.d
Date : 29-MAY-2010 05:34
Client ID:
Sample Info: LINK6
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0047.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0047.d
Lab Smp Id: L1NLN
Inj Date : 29-MAY-2010 05:51
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NLN
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

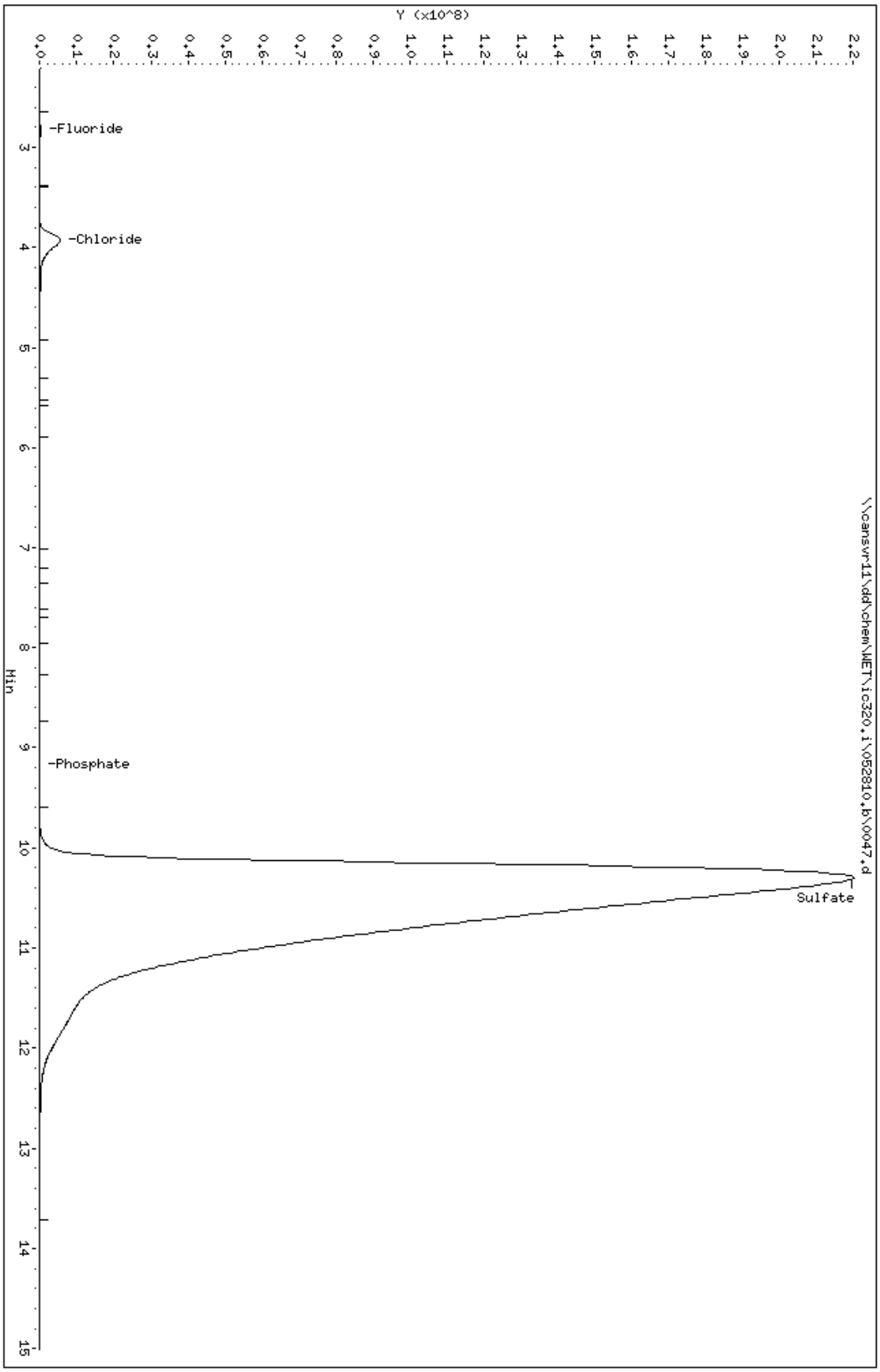
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	2742703	0.22000	0.2200
2 Chloride	3.925	3.916	0.009	72559531	7.05732	7.057
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.175	8.950	0.225	45065	0.32939	0.3294
7 Sulfate	10.300	10.800	-0.500	8950233348	1311.53	1312(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0047.d
Date : 29-MAY-2010 05:51
Client ID:
Sample Info: LINLN
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0048.d
Report Date: 01-Jun-2010 13:21

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0048.d
Lab Smp Id: L1NL1
Inj Date : 29-MAY-2010 06:09
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NL1
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

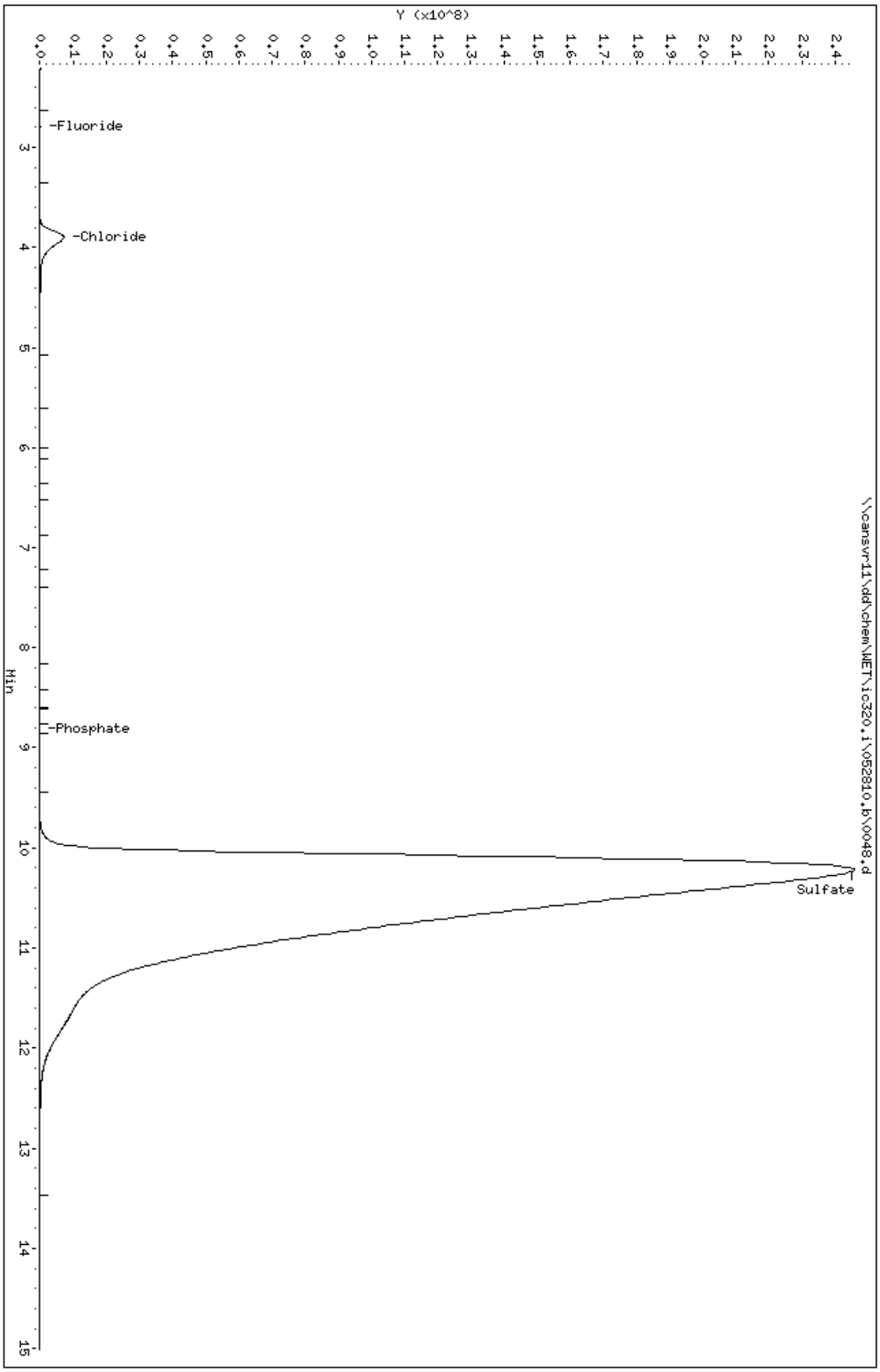
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.800	2.825	-0.025	1856915	0.14895	0.1489
2 Chloride	3.900	3.950	-0.050	91967110	8.94495	8.945
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.816	8.883	-0.067	8485	0.23064	0.2306
7 Sulfate	10.225	10.725	-0.500	10321270517	1512.44	1512(AM)

QC Flag Legend

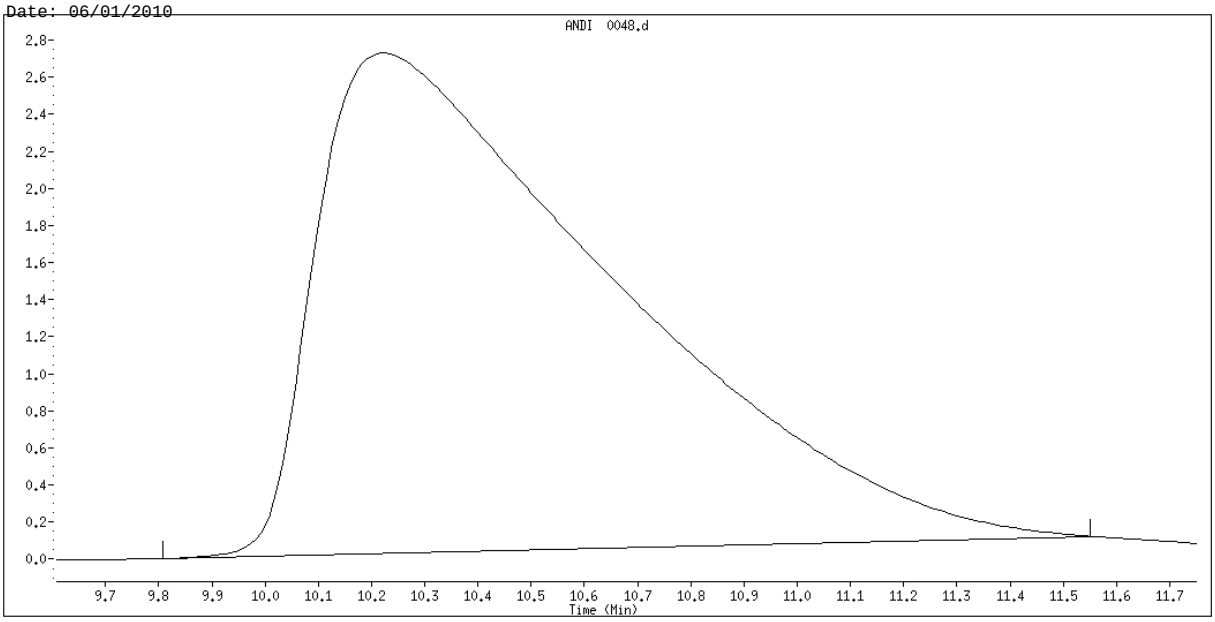
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0048.d
Date : 29-MAY-2010 06:09
Client ID:
Sample Info: L1NL1
Purge Volume: 1.0
Column phase: AS14

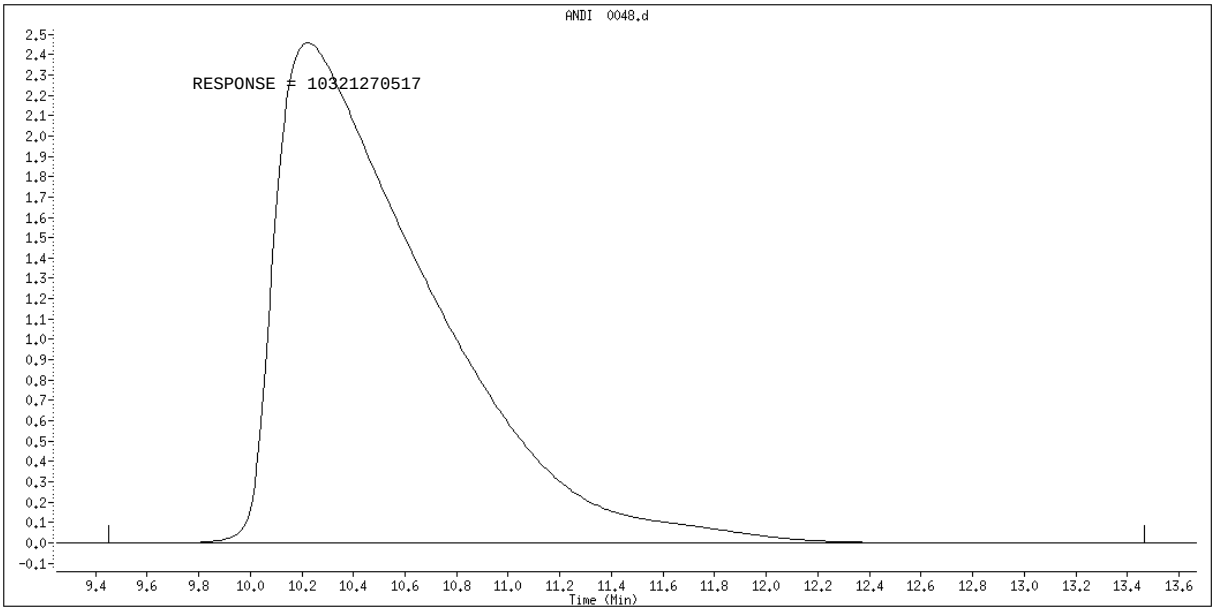
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0048.d
Inj. Date and Time: 29-MAY-2010 06:09
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0049.d
Report Date: 01-Jun-2010 13:26

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 29-MAY-2010 06:26
Lab File ID: 0049.d Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 17:19 19:38
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE	
1 Fluoride	12467102	11183546	11183546	0.010	10.29554	10.00000	Averaged	<-
2 Chloride	10281456	9999563	9999563	0.010	2.74177	10.00000	Averaged	
3 Nitrite	18134799	18366852	18366852	0.010	-1.27960	10.00000	Averaged	
4 Bromide	3728320	3218541	3218541	0.010	13.67317	10.00000	Averaged	<-
5 Nitrate	20676775	18903088	18903088	0.010	8.57816	10.00000	Averaged	
6 Phosphate	2.50000	2.10568	281231	0.010	15.77278	10.00000	Linear	<-
7 Sulfate	6824259	6384764	6384764	0.010	6.44018	10.00000	Averaged	

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0049.d
Report Date: 01-Jun-2010 13:26

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0049.d
Lab Smp Id: CCV
Inj Date : 29-MAY-2010 06:26
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

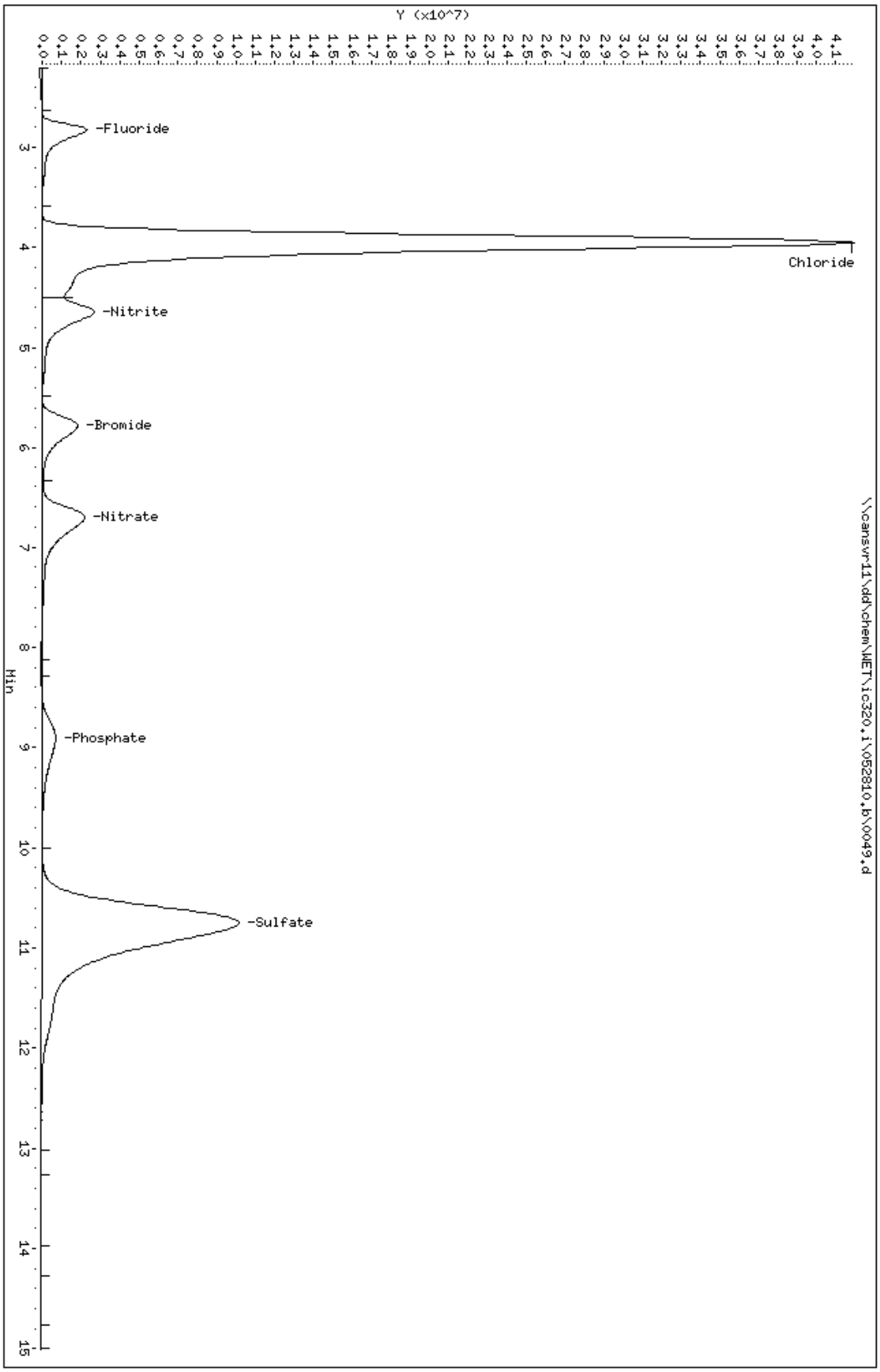
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.825	2.825	0.000	27958865	2.50000	2.243(M)
2 Chloride	3.950	3.950	0.000	499978148	50.0000	48.63(M)
3 Nitrite	4.641	4.641	0.000	45917131	2.50000	2.532(M)
4 Bromide	5.775	5.775	0.000	32185405	10.0000	8.633(M)
5 Nitrate	6.708	6.708	0.000	47257721	2.50000	2.286(M)
6 Phosphate	8.908	8.883	0.025	703077	2.50000	2.106(M)
7 Sulfate	10.750	10.725	0.025	319238217	50.0000	46.78(M)

QC Flag Legend

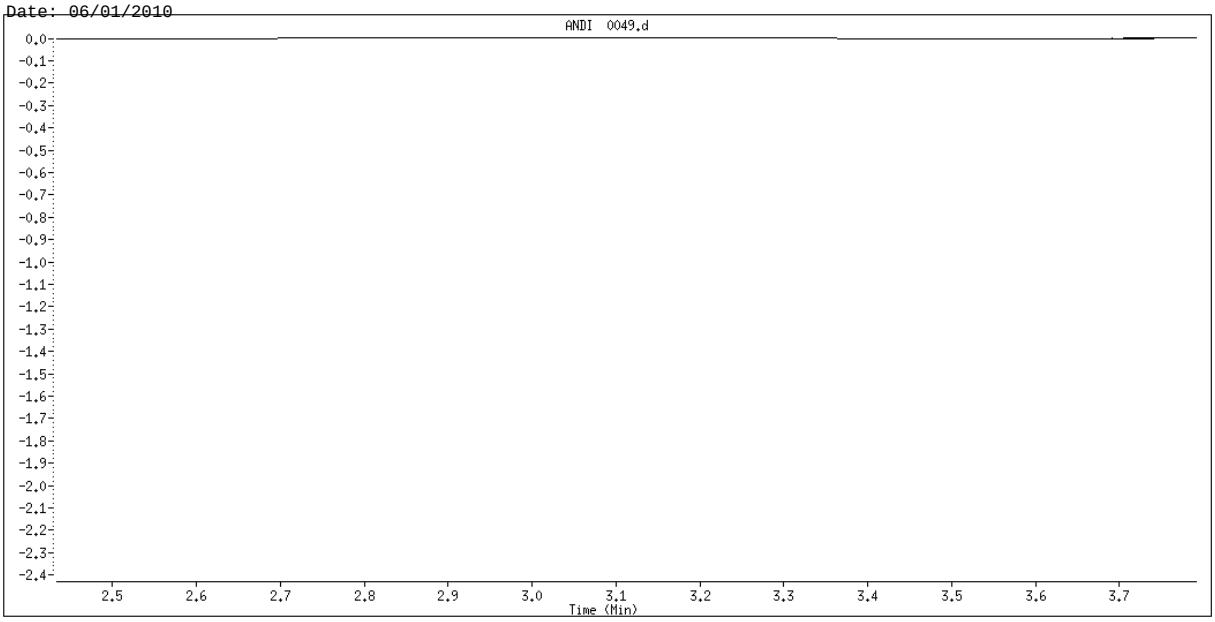
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0049.d
Date : 29-MAY-2010 06:26
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

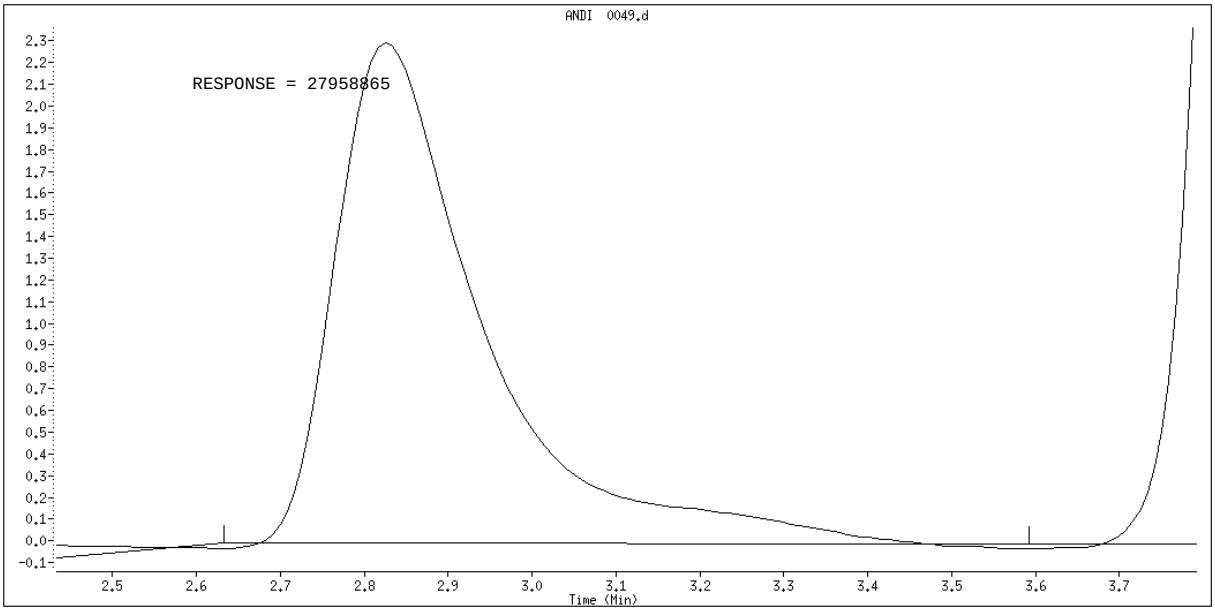
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0049.d
Inj. Date and Time: 29-MAY-2010 06:26
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



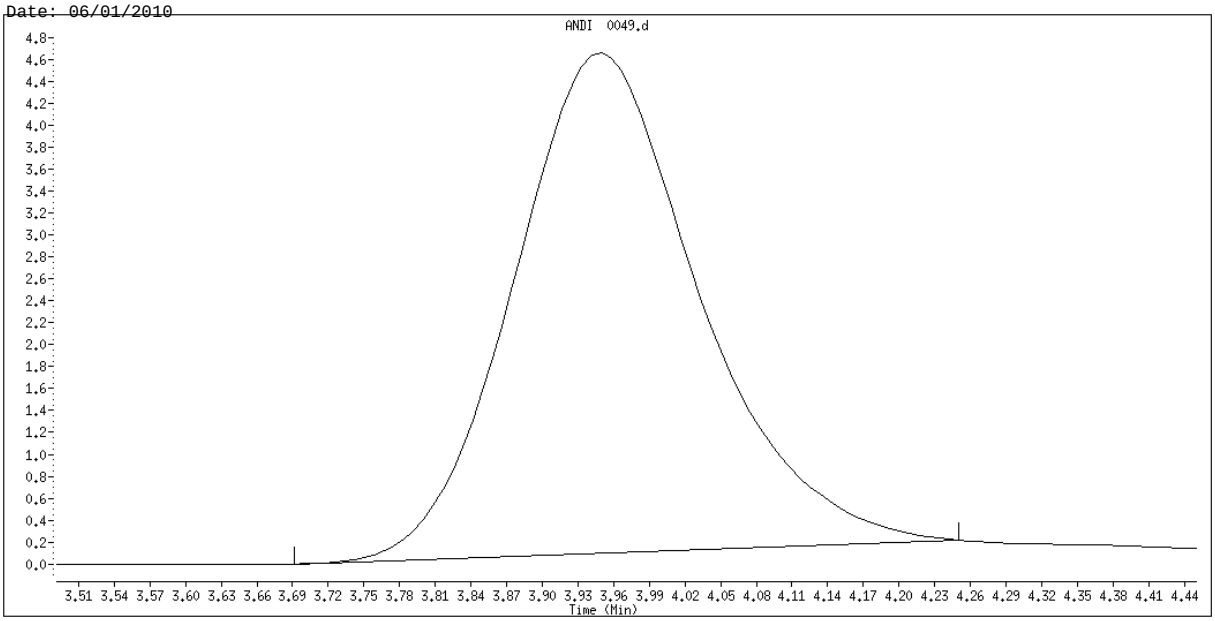
Original Integration



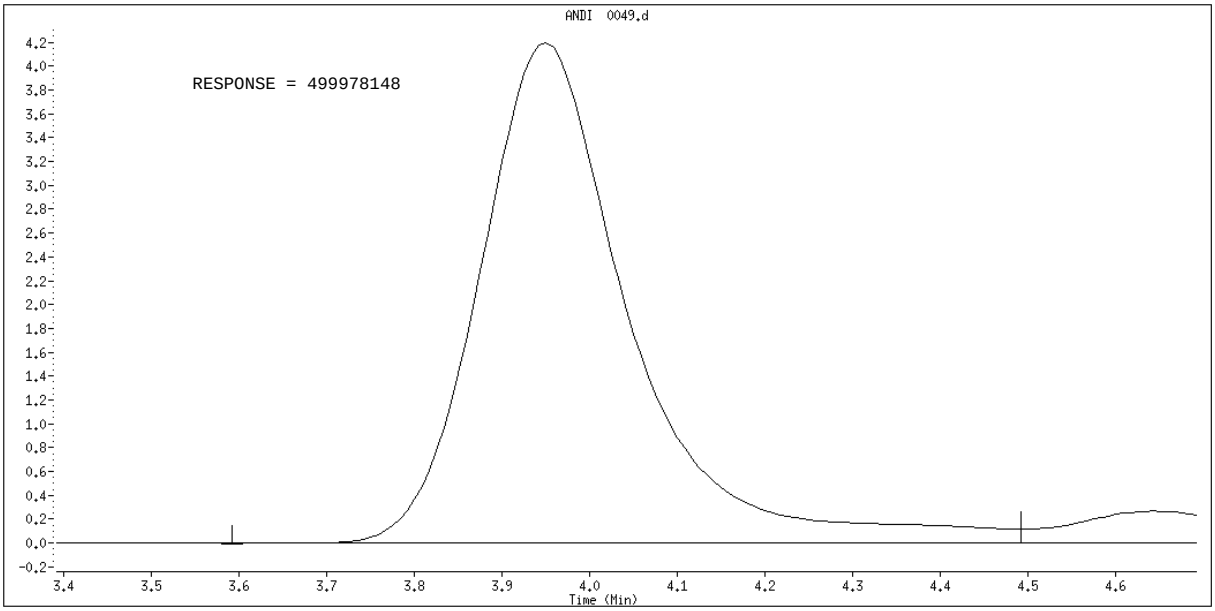
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0049.d
Inj. Date and Time: 29-MAY-2010 06:26
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



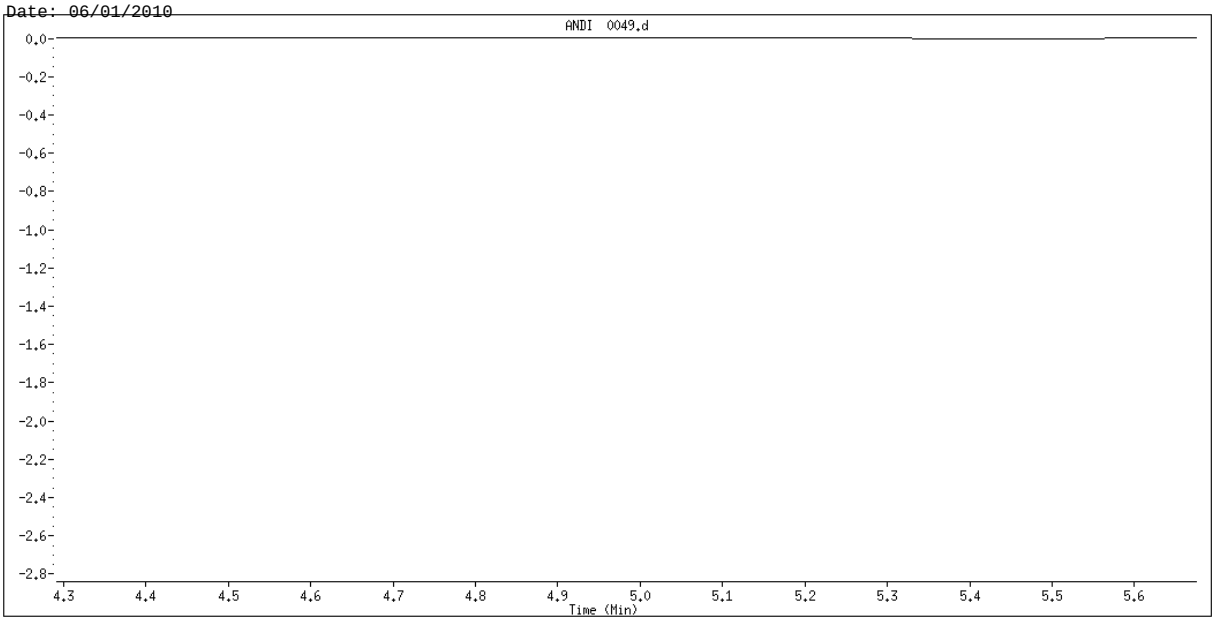
Original Integration



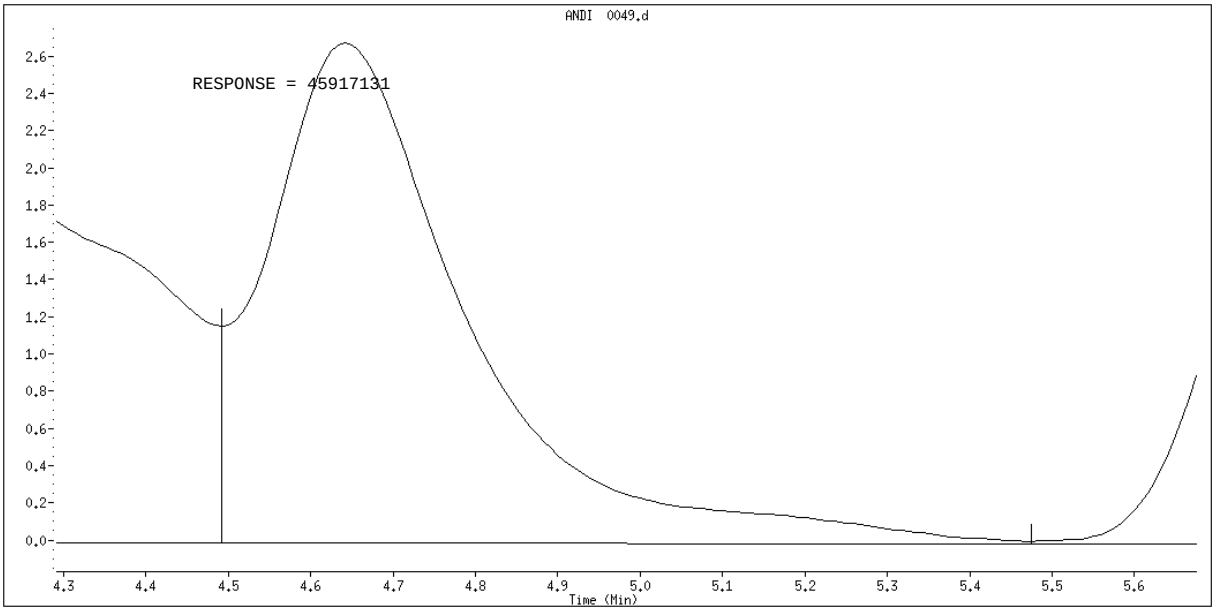
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0049.d
Inj. Date and Time: 29-MAY-2010 06:26
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/01/2010



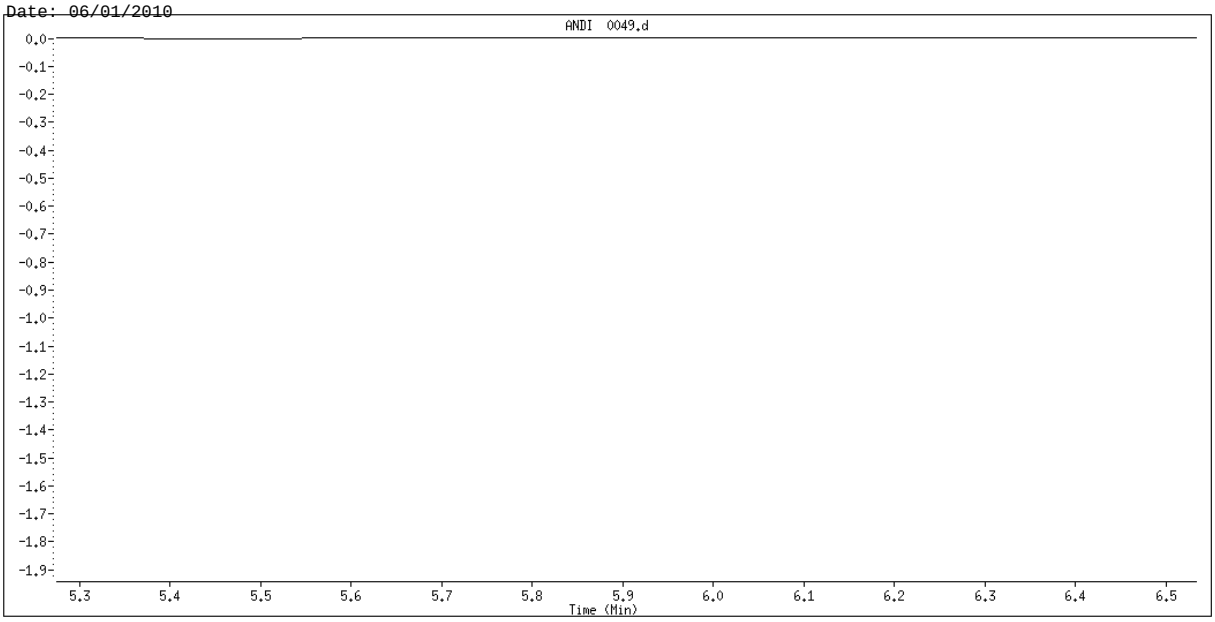
Original Integration



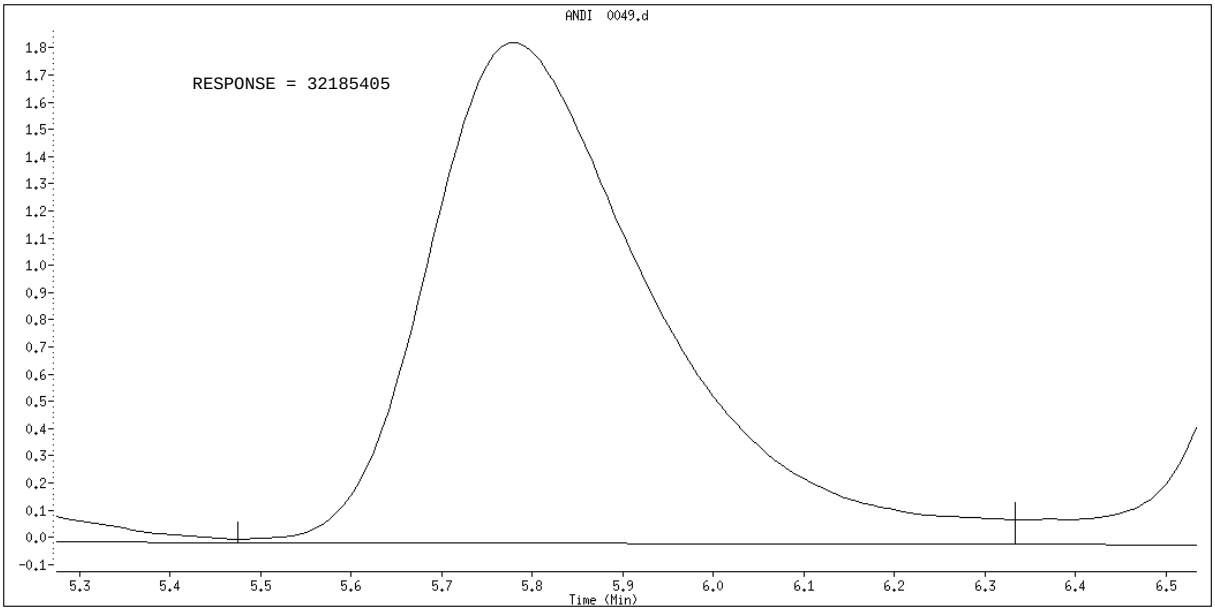
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0049.d
Inj. Date and Time: 29-MAY-2010 06:26
Instrument ID: ic320.i
Client ID:
Compound Name: Bromide
CAS #: Q85
Report Date: 06/01/2010



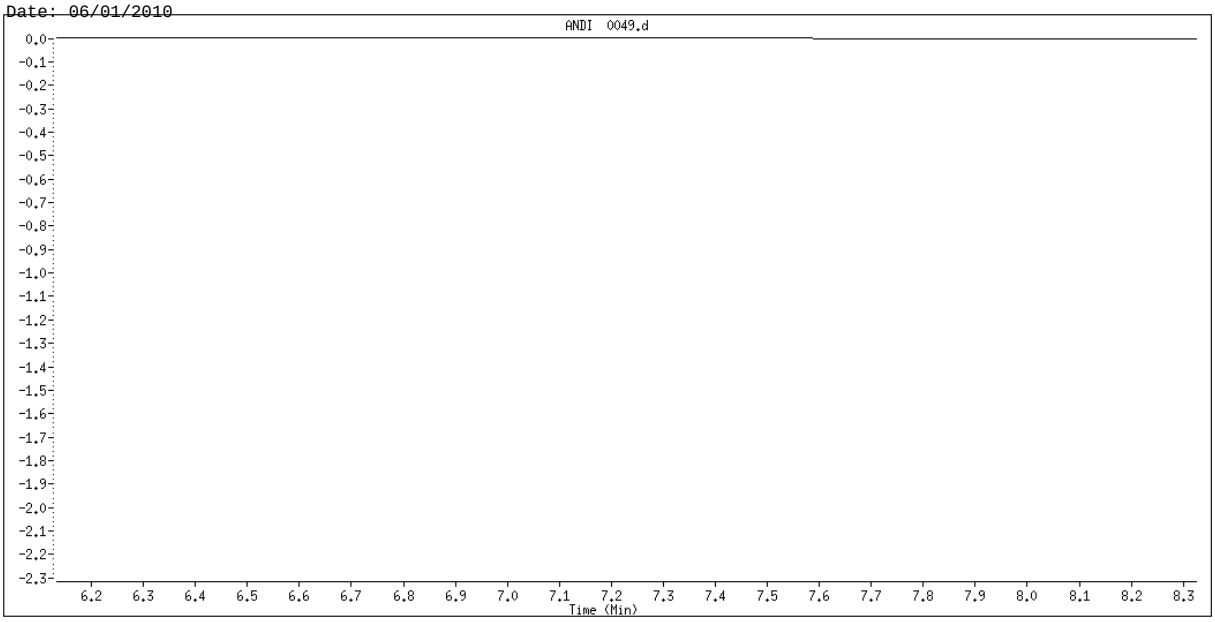
Original Integration



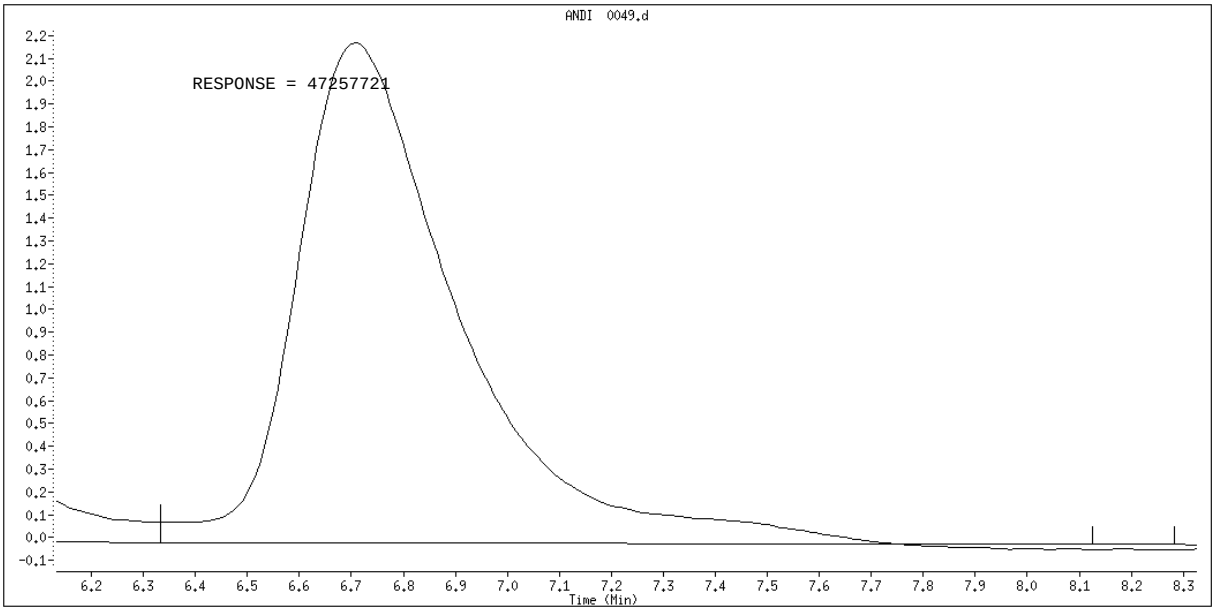
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0049.d
Inj. Date and Time: 29-MAY-2010 06:26
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrate
CAS #: Q479
Report Date: 06/01/2010



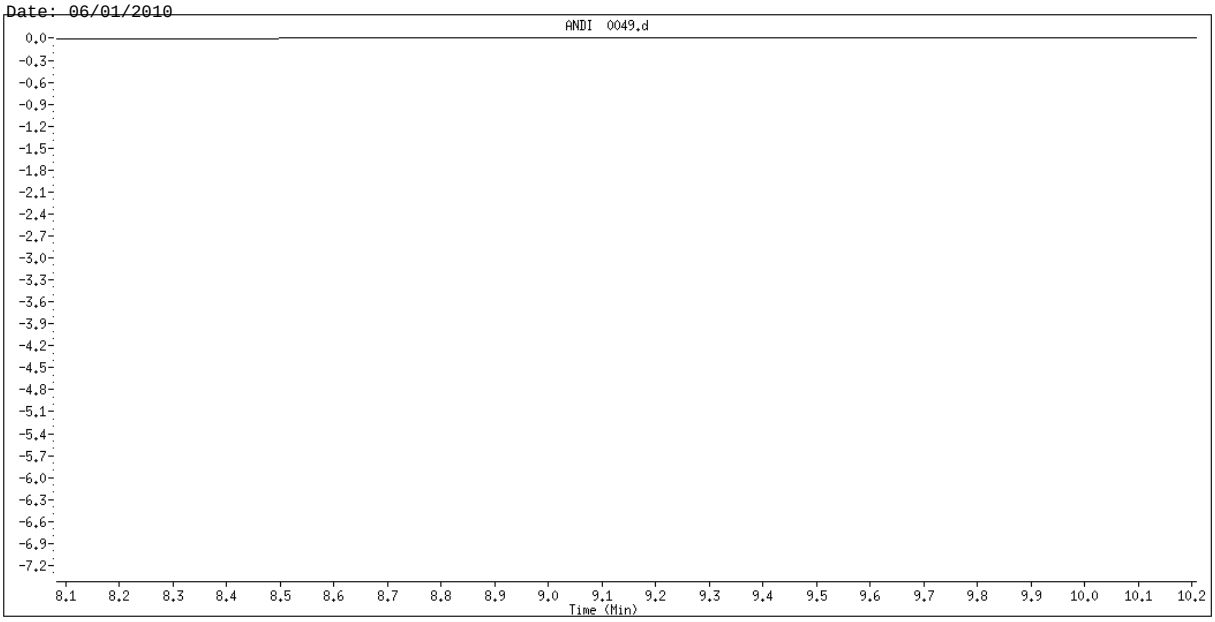
Original Integration



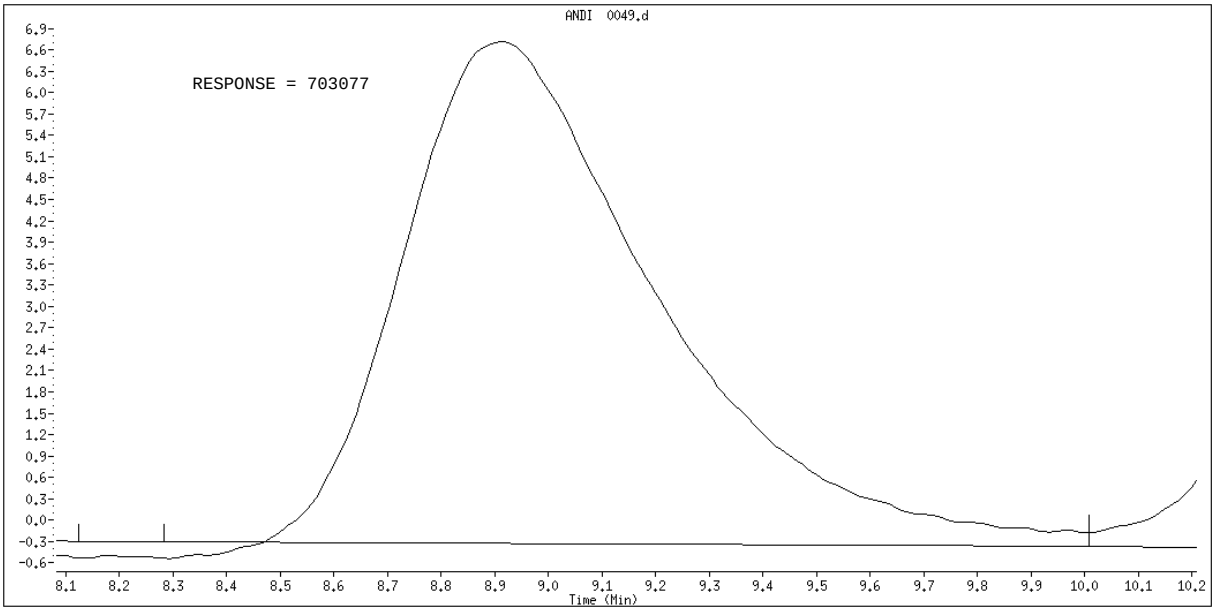
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0049.d
Inj. Date and Time: 29-MAY-2010 06:26
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/01/2010



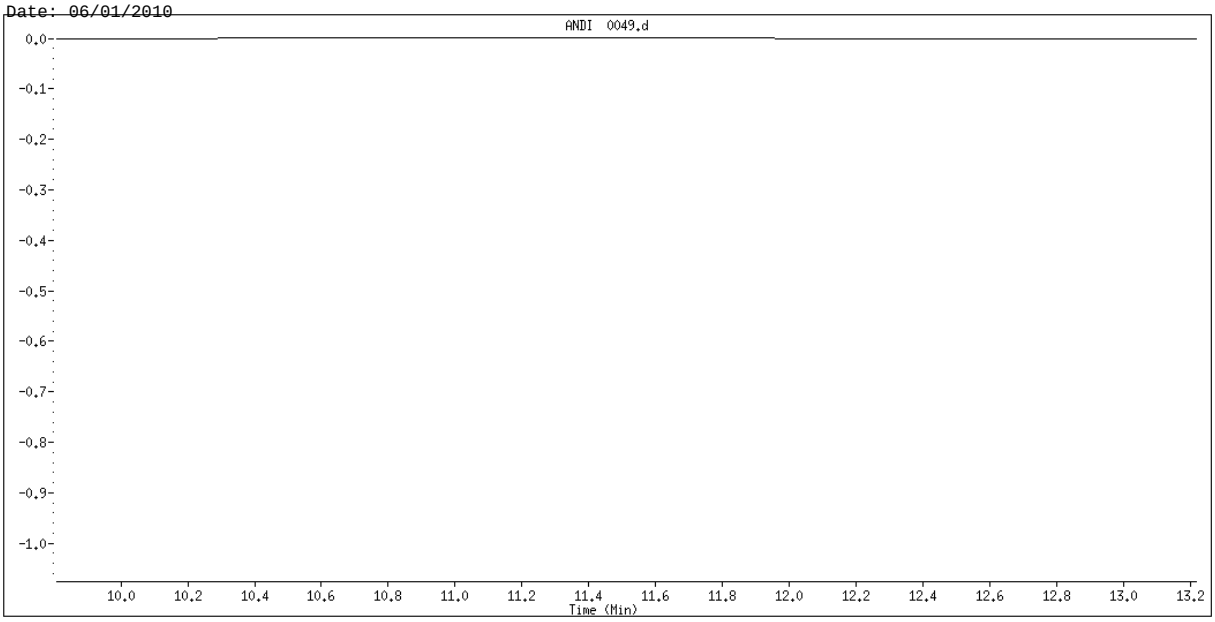
Original Integration



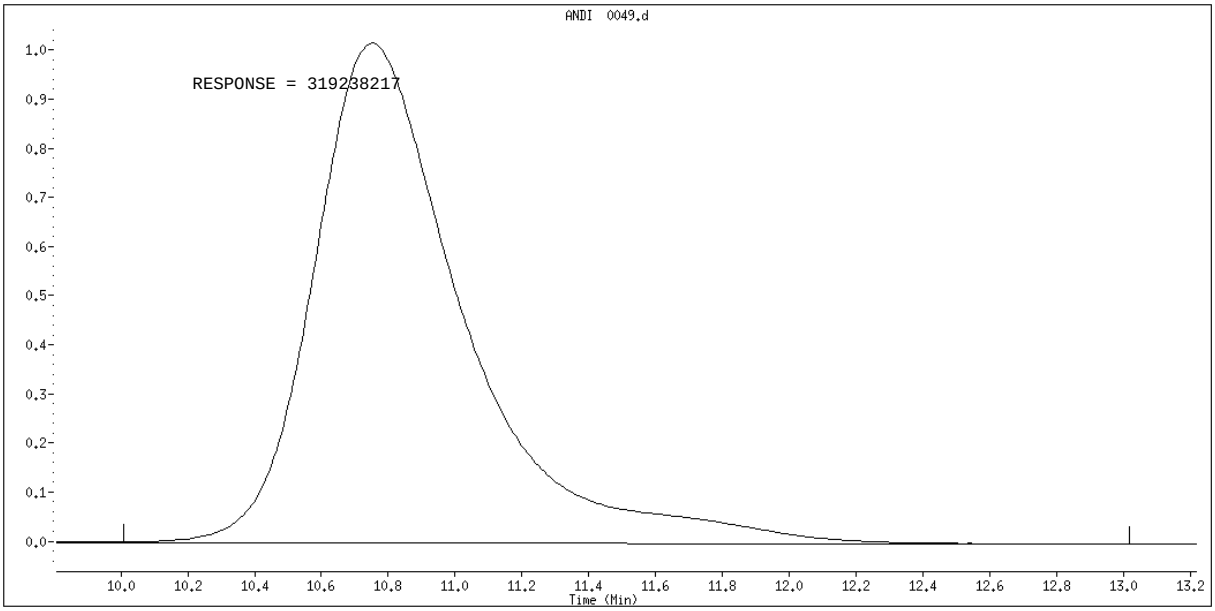
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0049.d
Inj. Date and Time: 29-MAY-2010 06:26
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0050.d
Report Date: 01-Jun-2010 13:11

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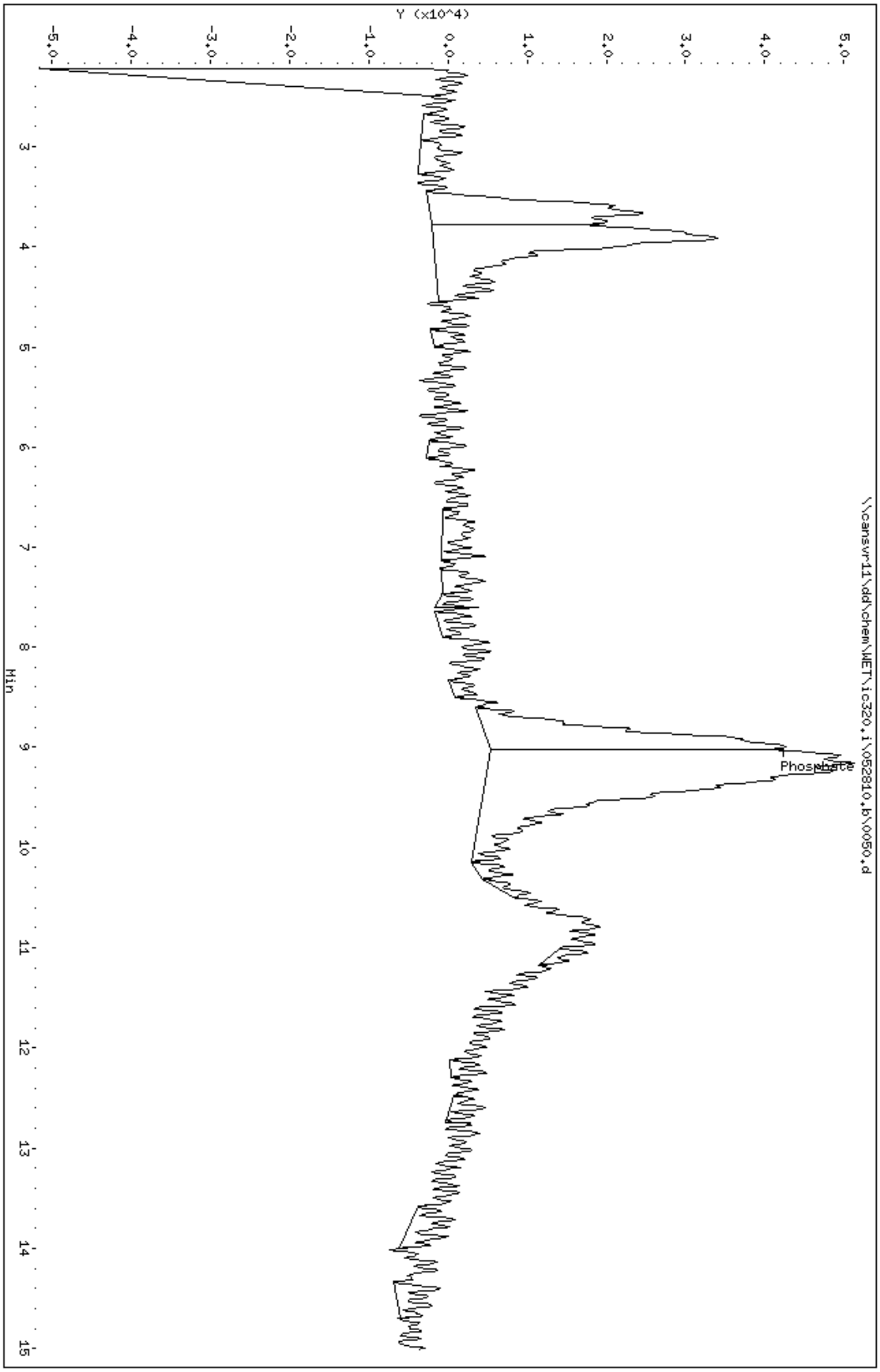
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0050.d
Lab Smp Id: CCB
Inj Date : 29-MAY-2010 06:44
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.000	8.908	0.092	37530	0.30905	0.3090
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0050.d
Date : 29-MAY-2010 06:44
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0050.d
Phosphate
Y (x10^4)
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
3
4
5
6
7
8
9
10
11
12
13
14
15
Min

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0051.d
Report Date: 01-Jun-2010 13:24

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0051.d
Lab Smp Id: L1NL3
Inj Date : 29-MAY-2010 07:01
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NL3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

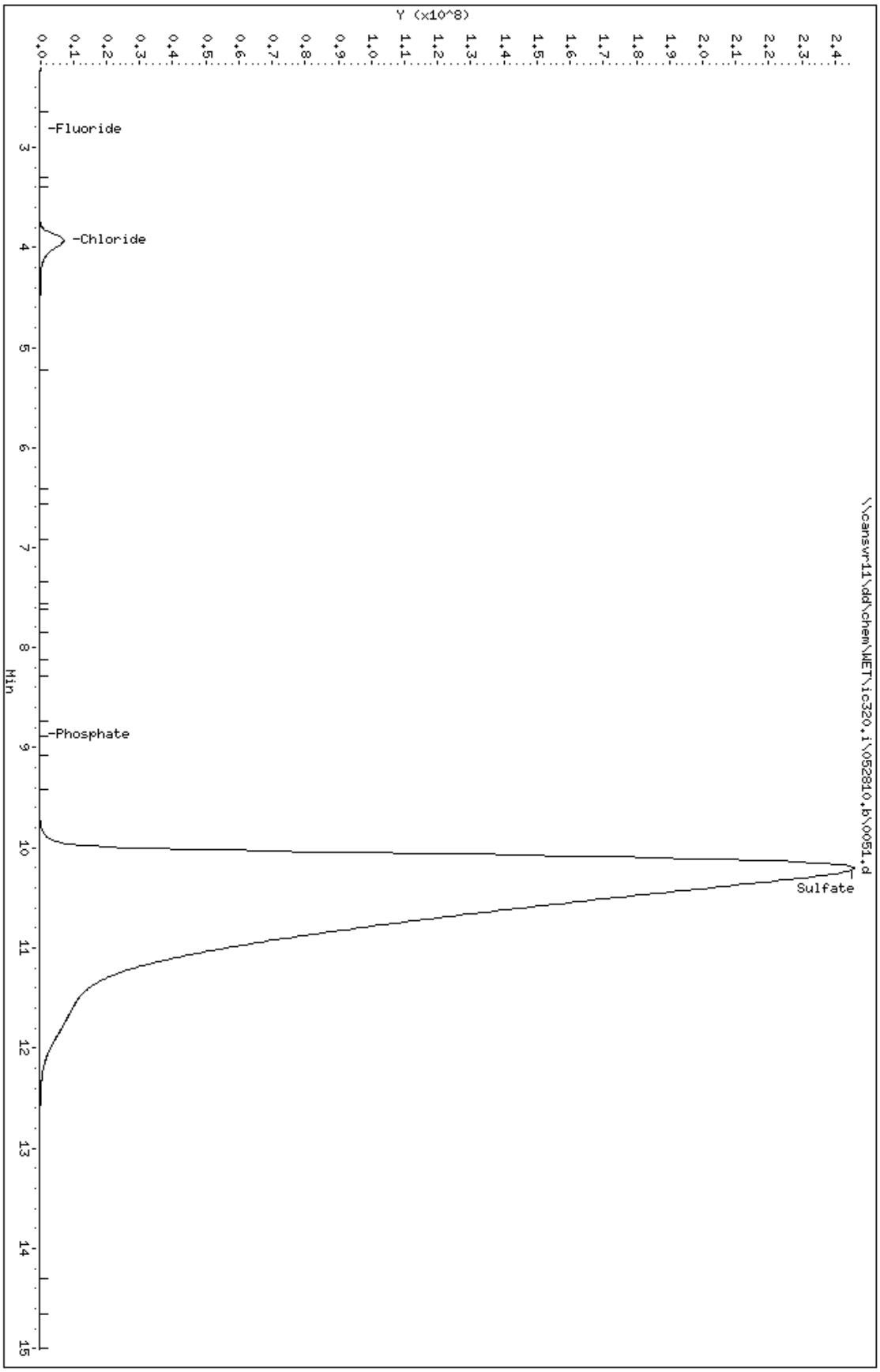
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.816	2.825	-0.009	1881599	0.15093	0.1509
2 Chloride	3.925	3.950	-0.025	92749387	9.02104	9.021
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.875	8.908	-0.033	7855	0.22894	0.2289
7 Sulfate	10.208	10.750	-0.542	10324049744	1512.85	1513(AM)

QC Flag Legend

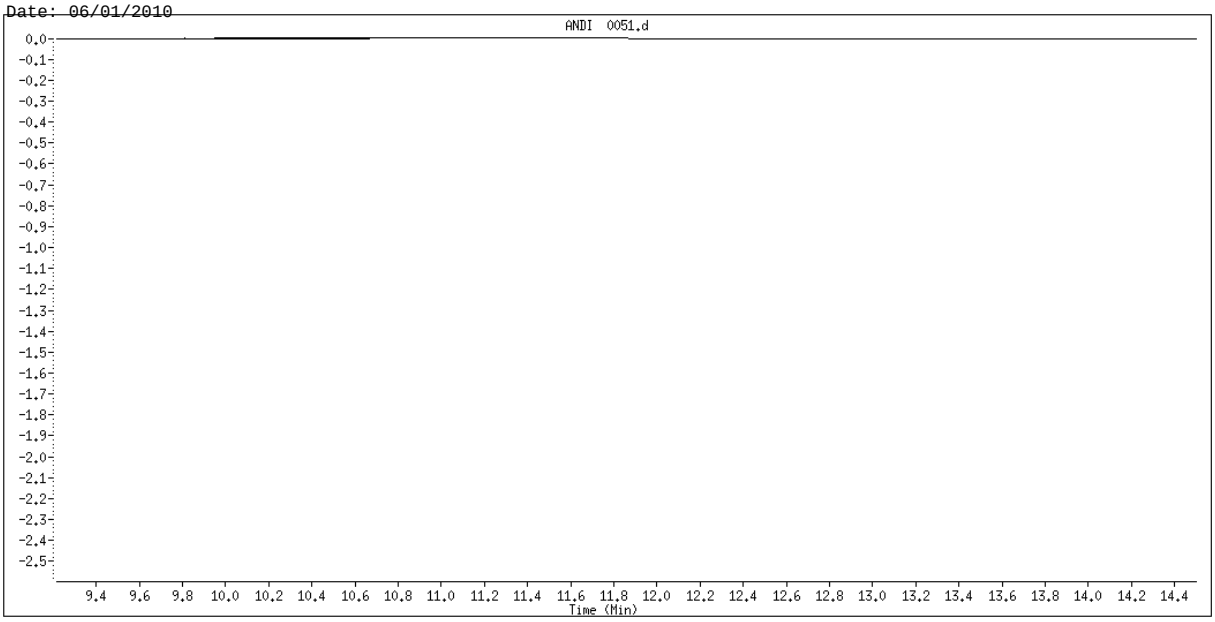
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0051.d
Date : 29-MAY-2010 07:01
Client ID:
Sample Info: L1NL3
Purge Volume: 1.0
Column phase: AS14

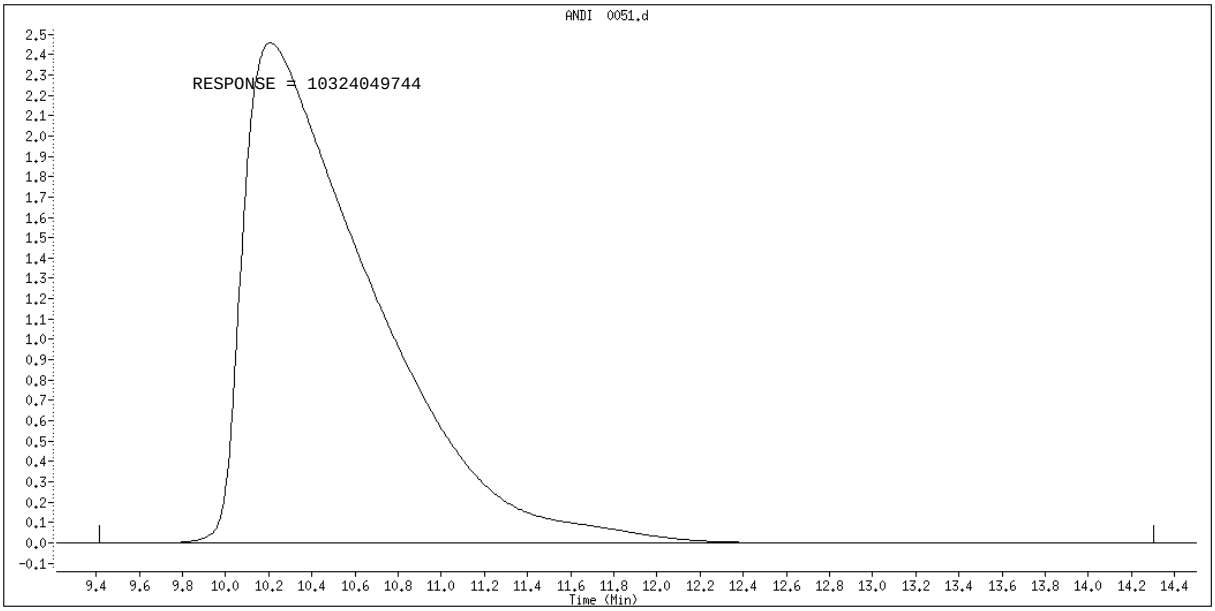
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0051.d
Inj. Date and Time: 29-MAY-2010 07:01
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0052.d
Report Date: 01-Jun-2010 13:24

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0052.d
Lab Smp Id: L1NL4
Inj Date : 29-MAY-2010 07:18
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NL4
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

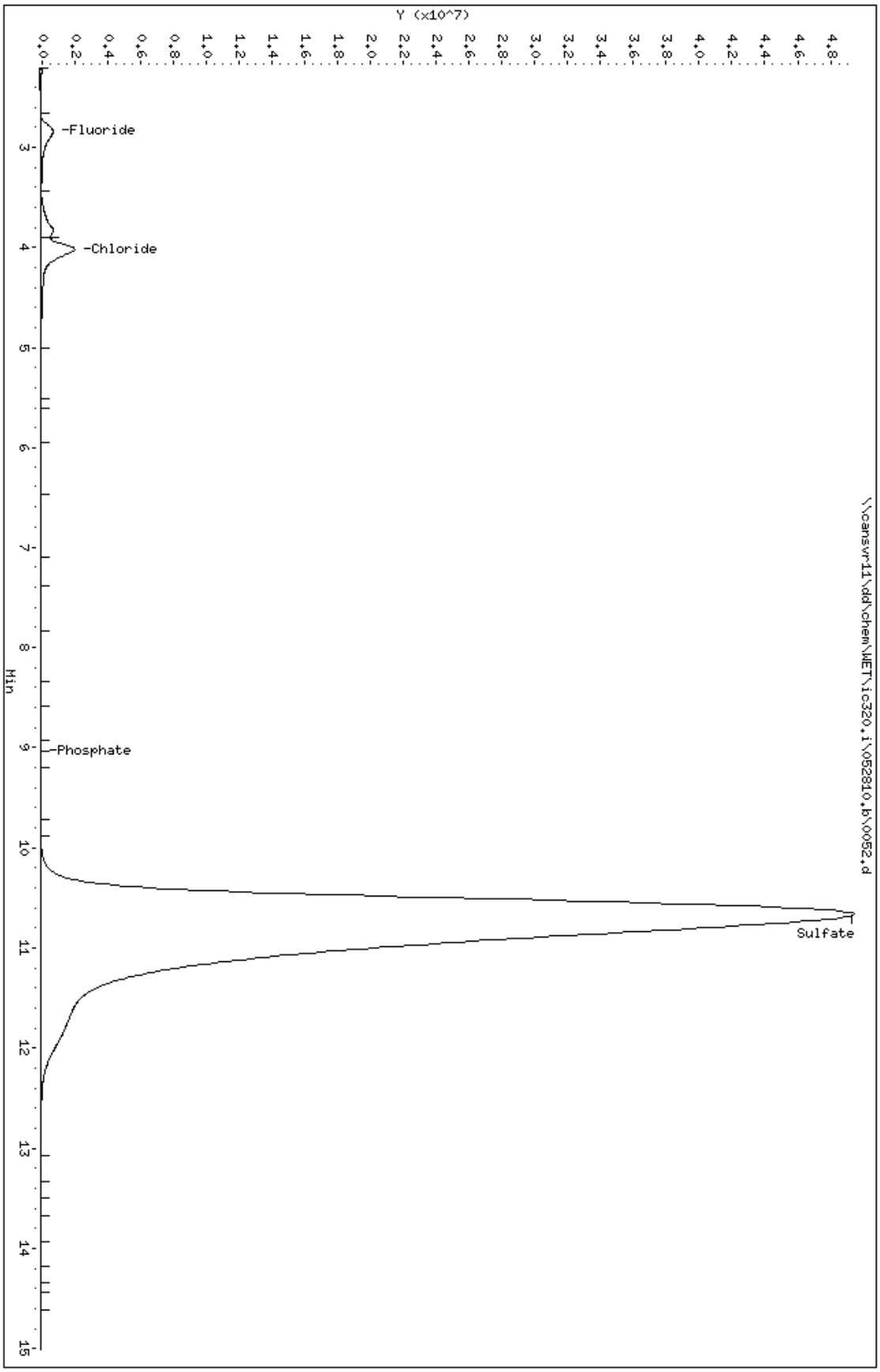
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.825	0.016	11005850	0.88279	0.8828(M)
2 Chloride	4.016	3.950	0.066	24657163	2.39822	2.398(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.033	8.908	0.125	0	0.20774	0.2077
7 Sulfate	10.666	10.750	-0.084	1554770570	227.830	227.8(A)

QC Flag Legend

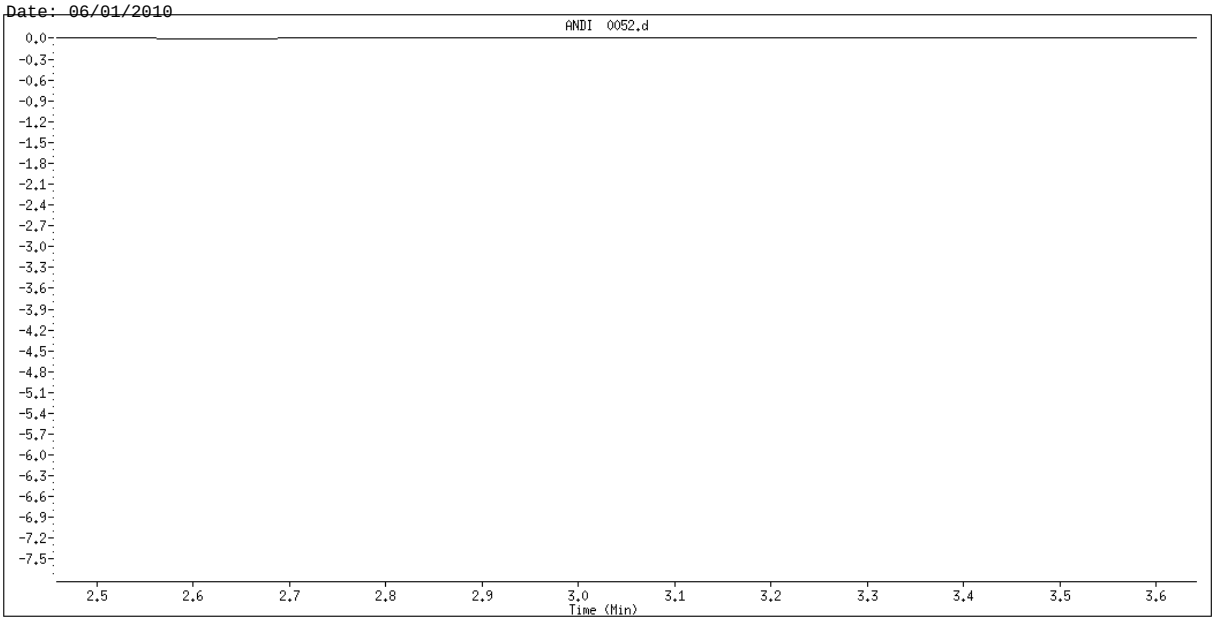
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0052.d
Date : 29-MAY-2010 07:18
Client ID:
Sample Info: L1NL4
Purge Volume: 1.0
Column phase: AS14

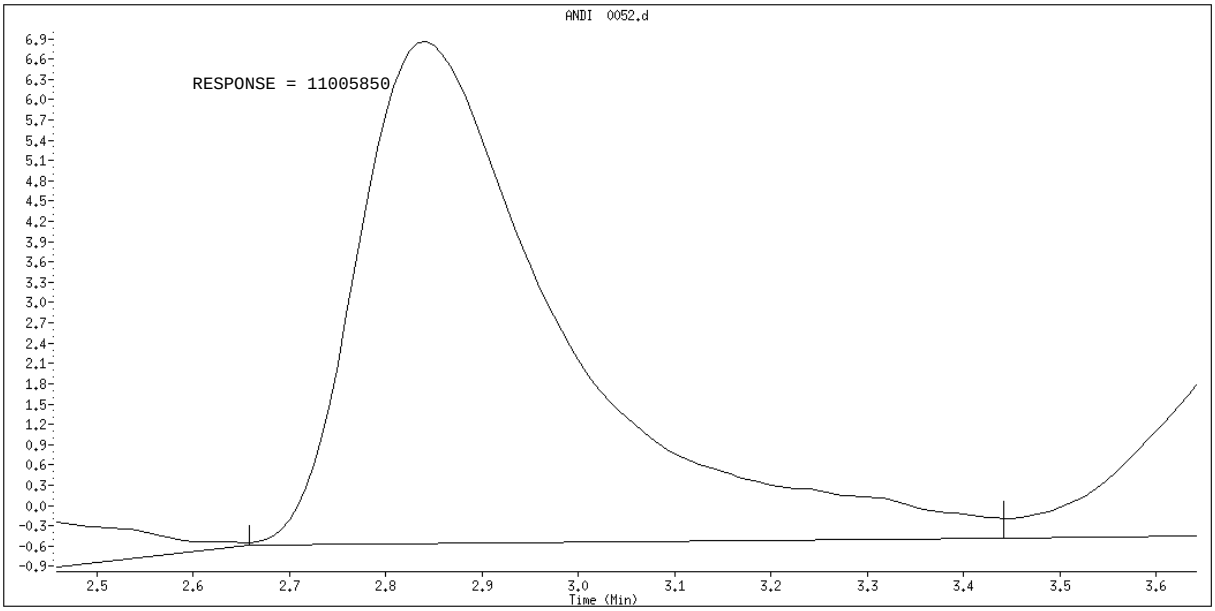
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0052.d
Inj. Date and Time: 29-MAY-2010 07:18
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



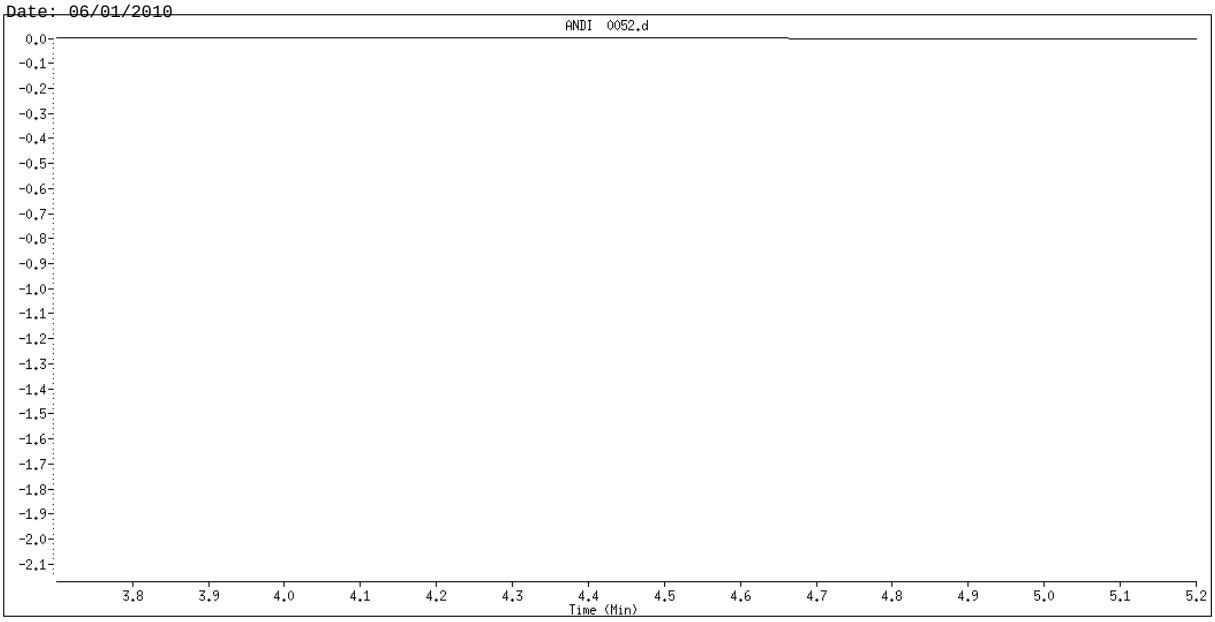
Original Integration



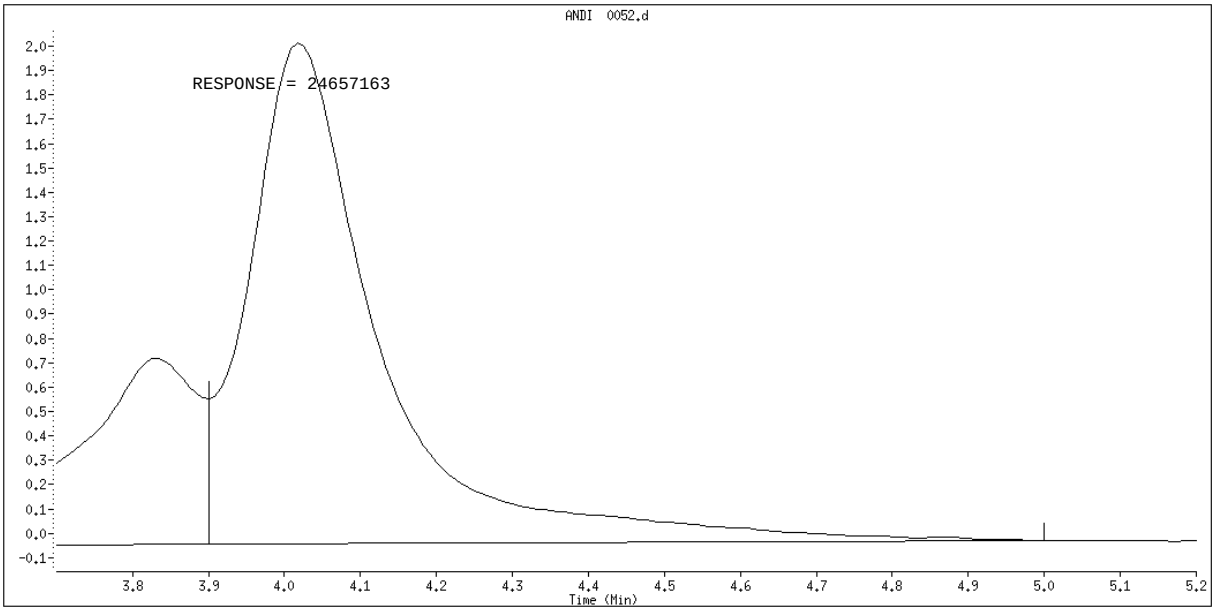
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0052.d
Inj. Date and Time: 29-MAY-2010 07:18
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0053.d
Report Date: 01-Jun-2010 13:23

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0053.d
Lab Smp Id: L1NLC
Inj Date : 29-MAY-2010 07:36
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NLC
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

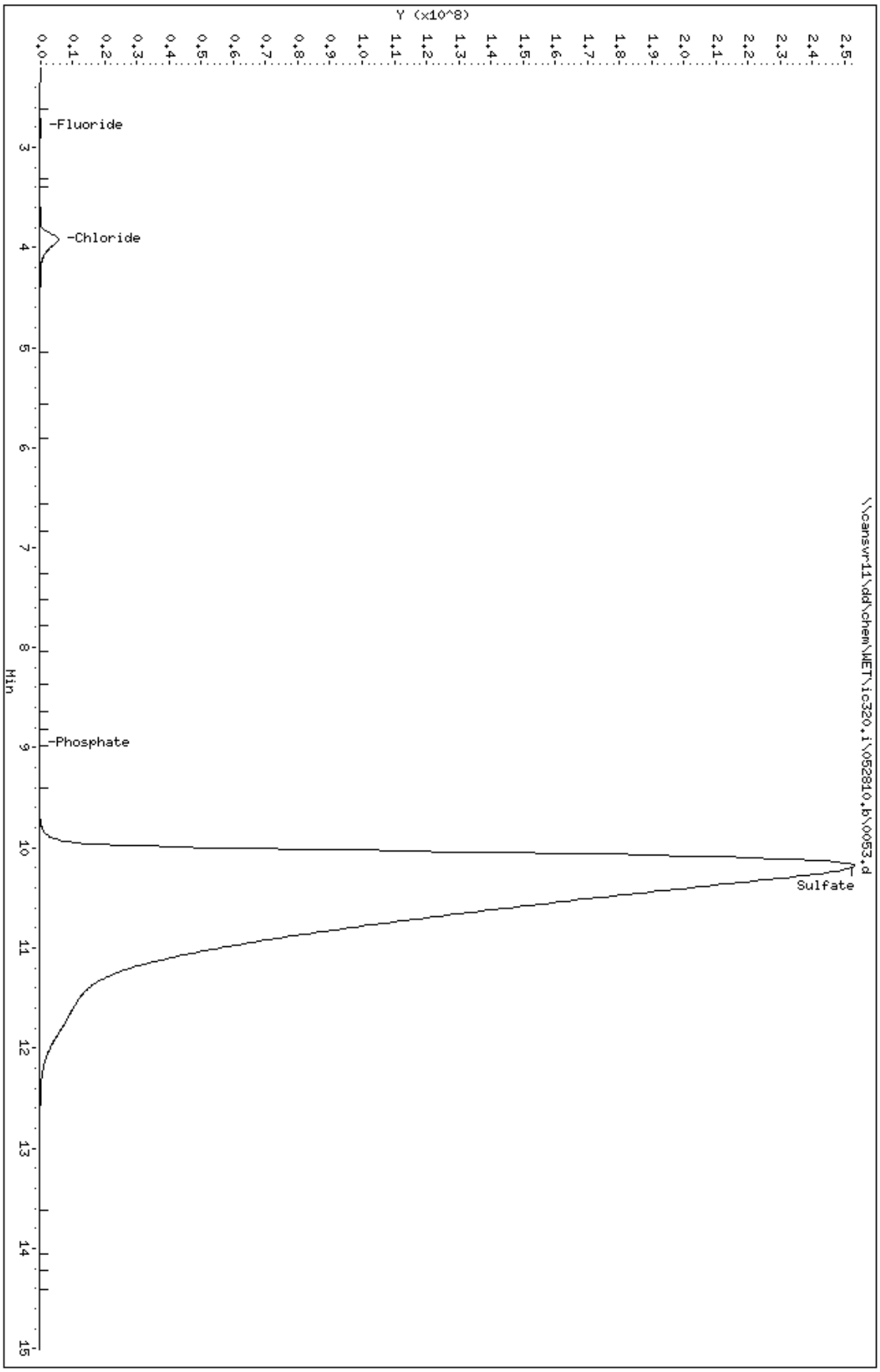
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.783	2.825	-0.042	3455887	0.27720	0.2772
2 Chloride	3.916	3.950	-0.034	71645364	6.96841	6.968
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.950	8.908	0.042	6353	0.22489	0.2249
7 Sulfate	10.183	10.750	-0.567	10747239073	1574.86	1575(AM)

QC Flag Legend

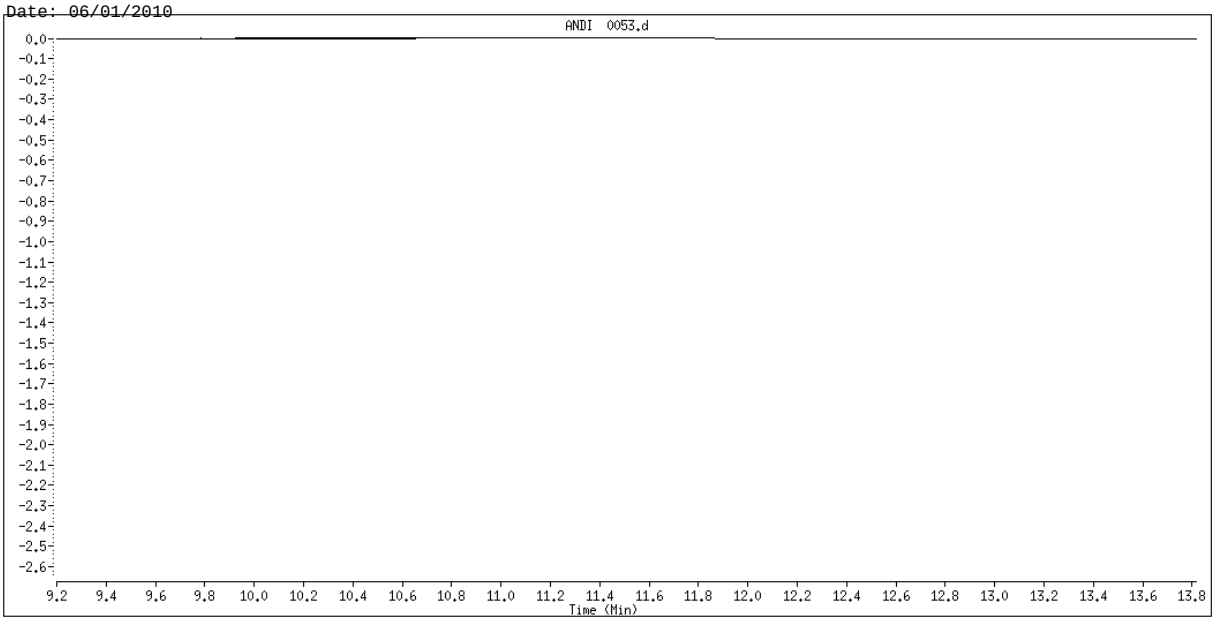
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0053.d
Date : 29-MAY-2010 07:36
Client ID:
Sample Info: LINLC
Purge Volume: 1.0
Column phase: AS14

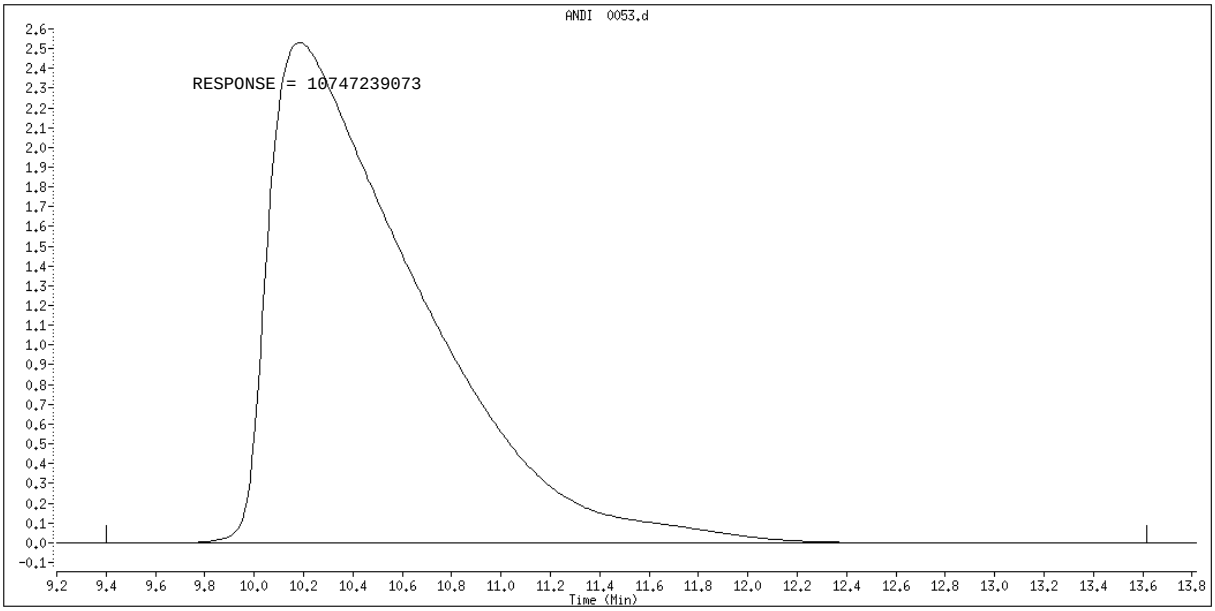
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0053.d
Inj. Date and Time: 29-MAY-2010 07:36
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0054.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0054.d
Lab Smp Id: L1NLD ORG
Inj Date : 29-MAY-2010 07:53
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NLD ORG
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

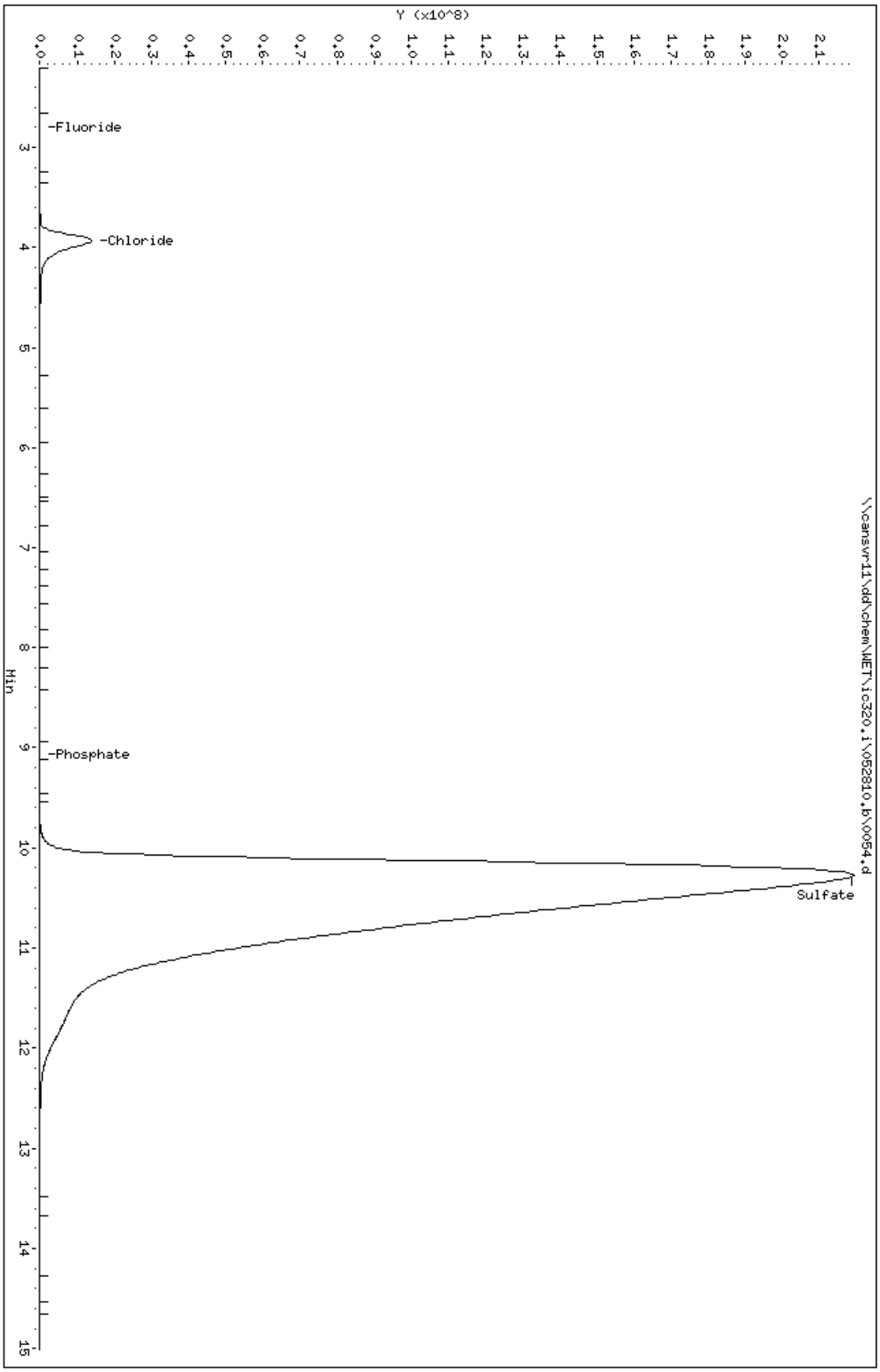
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.808	2.825	-0.017	1630862	0.13081	0.1308
2 Chloride	3.933	3.950	-0.017	164494552	15.9991	16.00
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.083	8.908	0.175	6171	0.22440	0.2244
7 Sulfate	10.275	10.750	-0.475	8792305984	1288.39	1288(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0054.d
Date : 29-MAY-2010 07:53
Client ID:
Sample Info: LINLD ORG
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0055.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0055.d
Lab Smp Id: L1NLD MS
Inj Date : 29-MAY-2010 08:10
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NLD MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

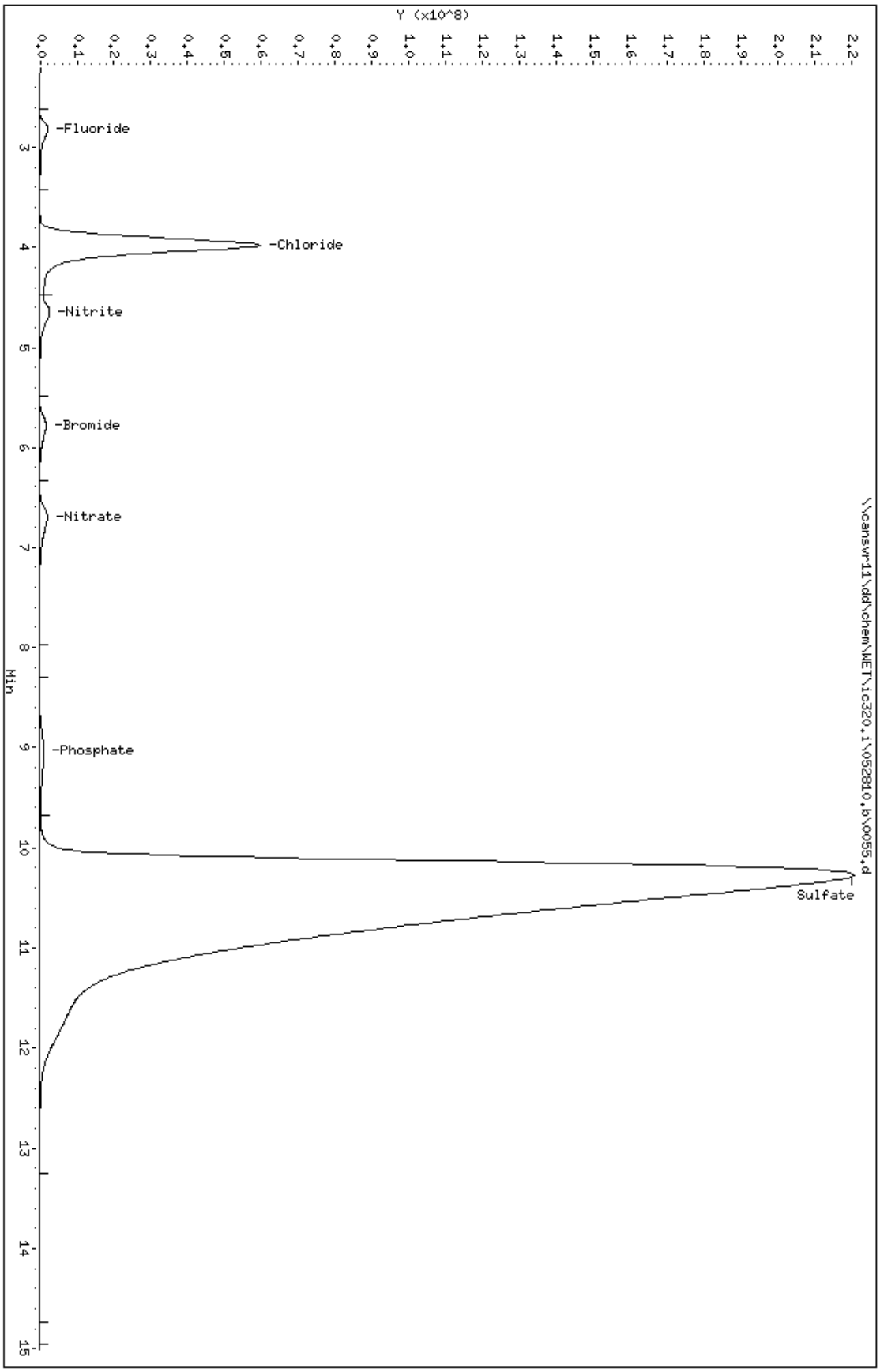
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.825	-0.009	30548062	2.45029	2.450
2 Chloride	3.975	3.950	0.025	668784794	65.0477	65.05(R)
3 Nitrite	4.641	4.641	0.000	44755502	2.46793	2.468
4 Bromide	5.775	5.775	0.000	30024455	8.05308	8.053(R)
5 Nitrate	6.700	6.708	-0.008	44208070	2.13805	2.138(R)
6 Phosphate	9.041	8.908	0.133	1103711	3.18718	3.187(R)
7 Sulfate	10.275	10.750	-0.475	8903941596	1304.75	1305(AR)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0055.d
Date : 29-MAY-2010 08:10
Client ID:
Sample Info: LINLD MS,,3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0056.d
Report Date: 01-Jun-2010 13:23

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0056.d
Lab Smp Id: L1NLE
Inj Date : 29-MAY-2010 08:28
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NLE
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

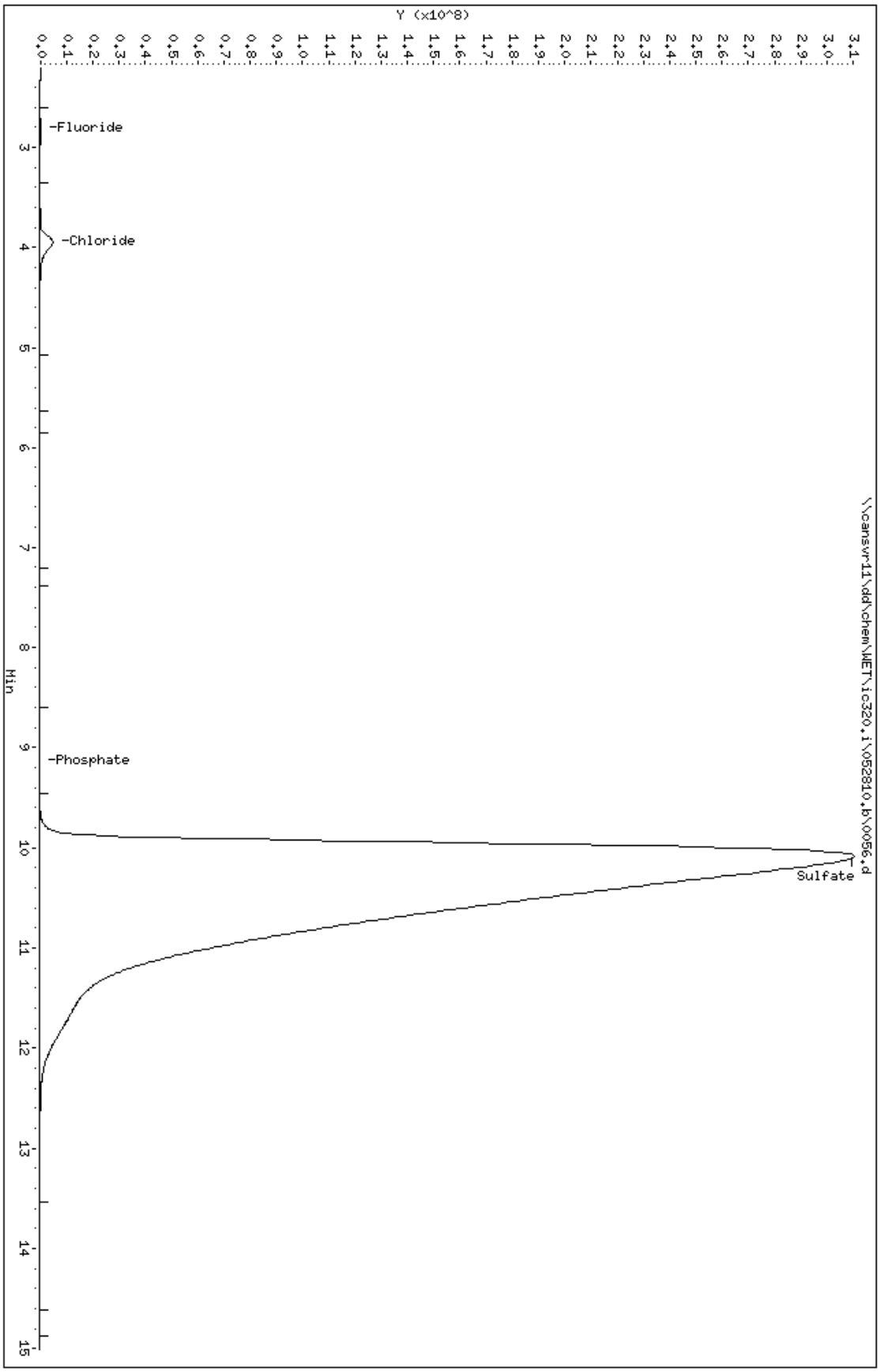
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.808	2.825	-0.017	6989565	0.56064	0.5606
2 Chloride	3.941	3.950	-0.009	67081701	6.52453	6.524
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.133	8.908	0.225	170747	0.66867	0.6687
7 Sulfate	10.091	10.750	-0.659	14026826907	2055.44	2055(AM)

QC Flag Legend

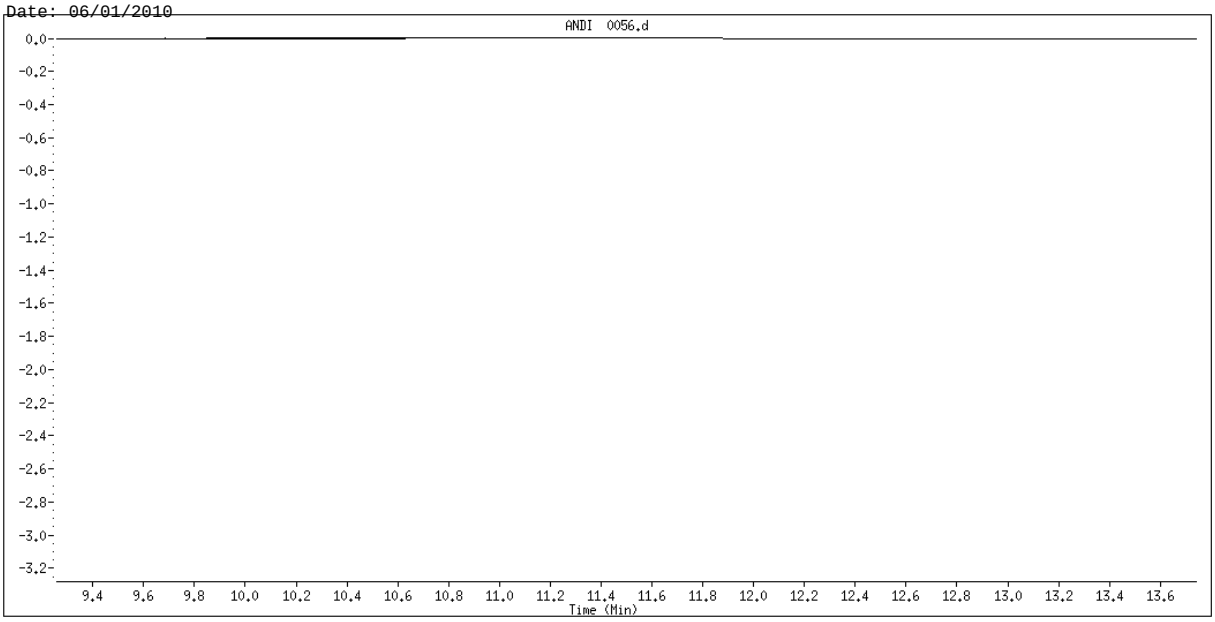
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0056.d
Date : 29-MAY-2010 08:28
Client ID:
Sample Info: L1NLE
Purge Volume: 1.0
Column phase: AS14

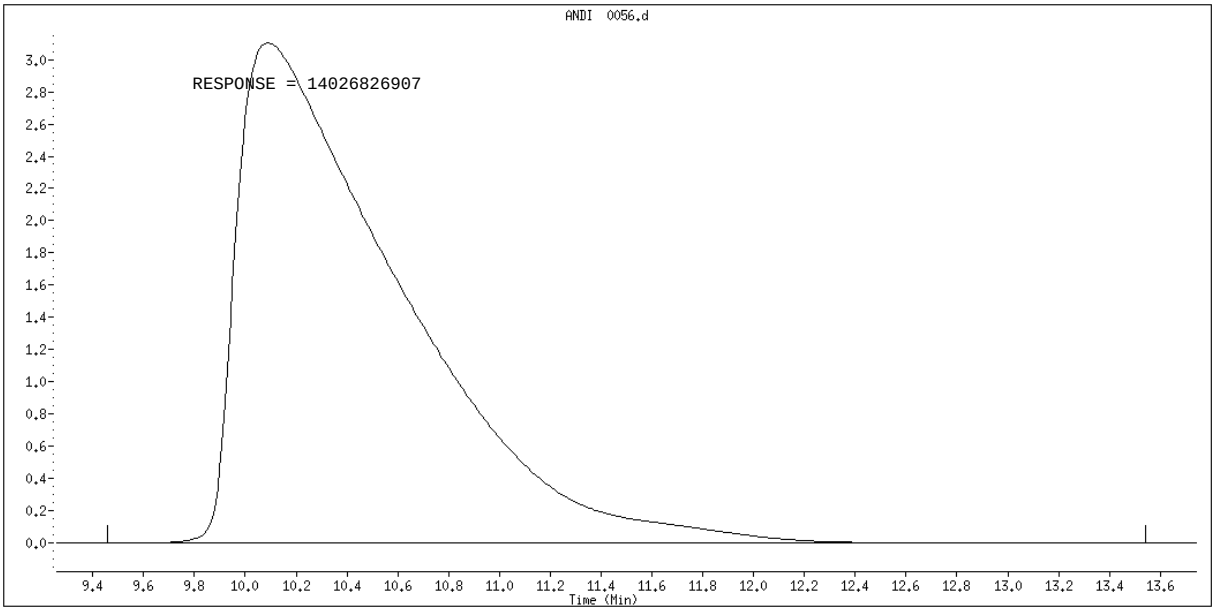
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0056.d
Inj. Date and Time: 29-MAY-2010 08:28
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0057.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0057.d
Lab Smp Id: L1NLH
Inj Date : 29-MAY-2010 08:45
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NLH
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

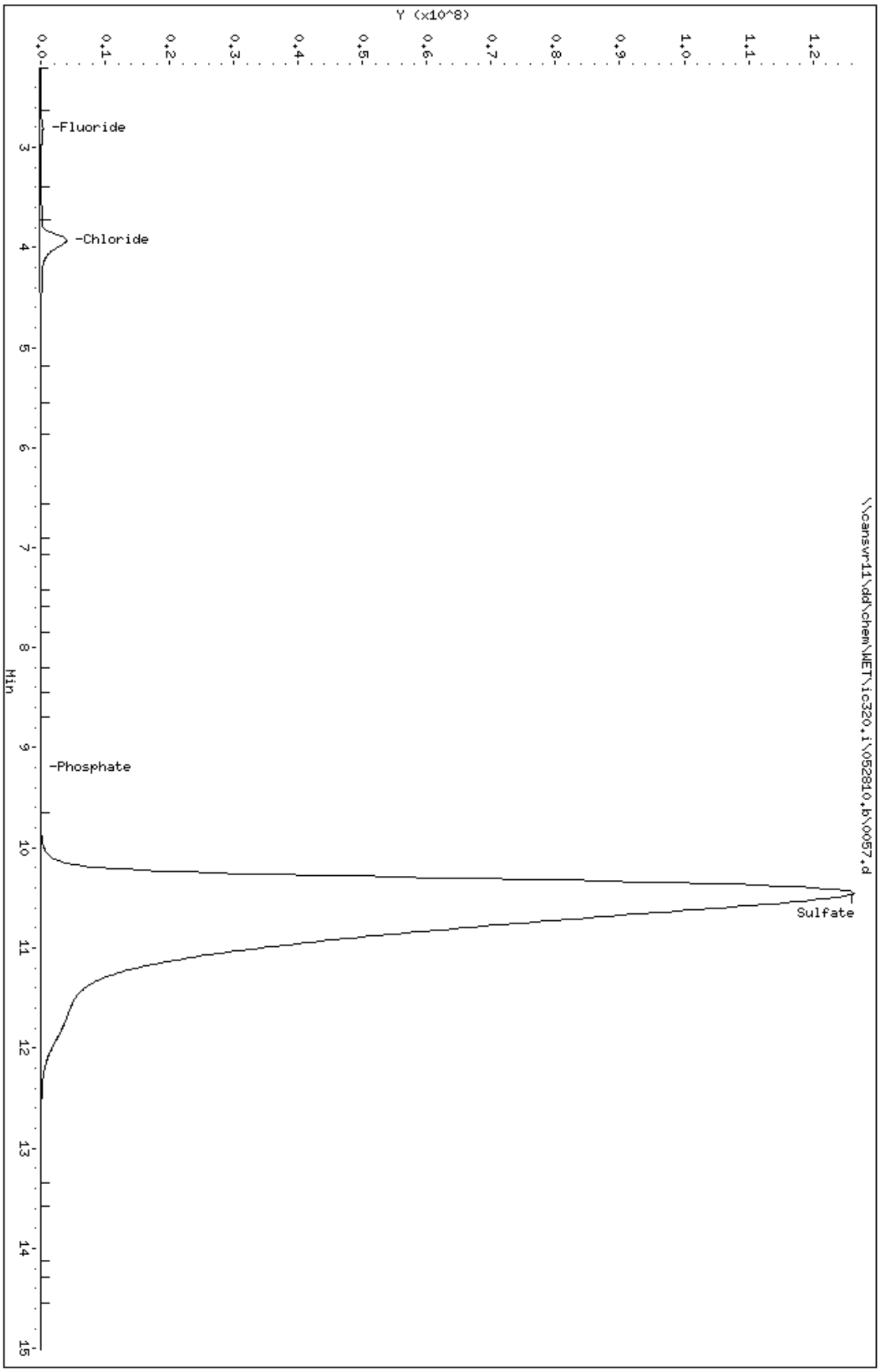
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.808	2.825	-0.017	11763160	0.94354	0.9435
2 Chloride	3.925	3.950	-0.025	52415004	5.09801	5.098
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.200	8.908	0.292	88996	0.44798	0.4480
7 Sulfate	10.458	10.750	-0.292	4411830625	646.492	646.5(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0057.d
Date : 29-MAY-2010 08:45
Client ID:
Sample Info: L1NLH
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0058.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0058.d
Lab Smp Id: L1NLJ
Inj Date : 29-MAY-2010 09:03
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NLJ
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

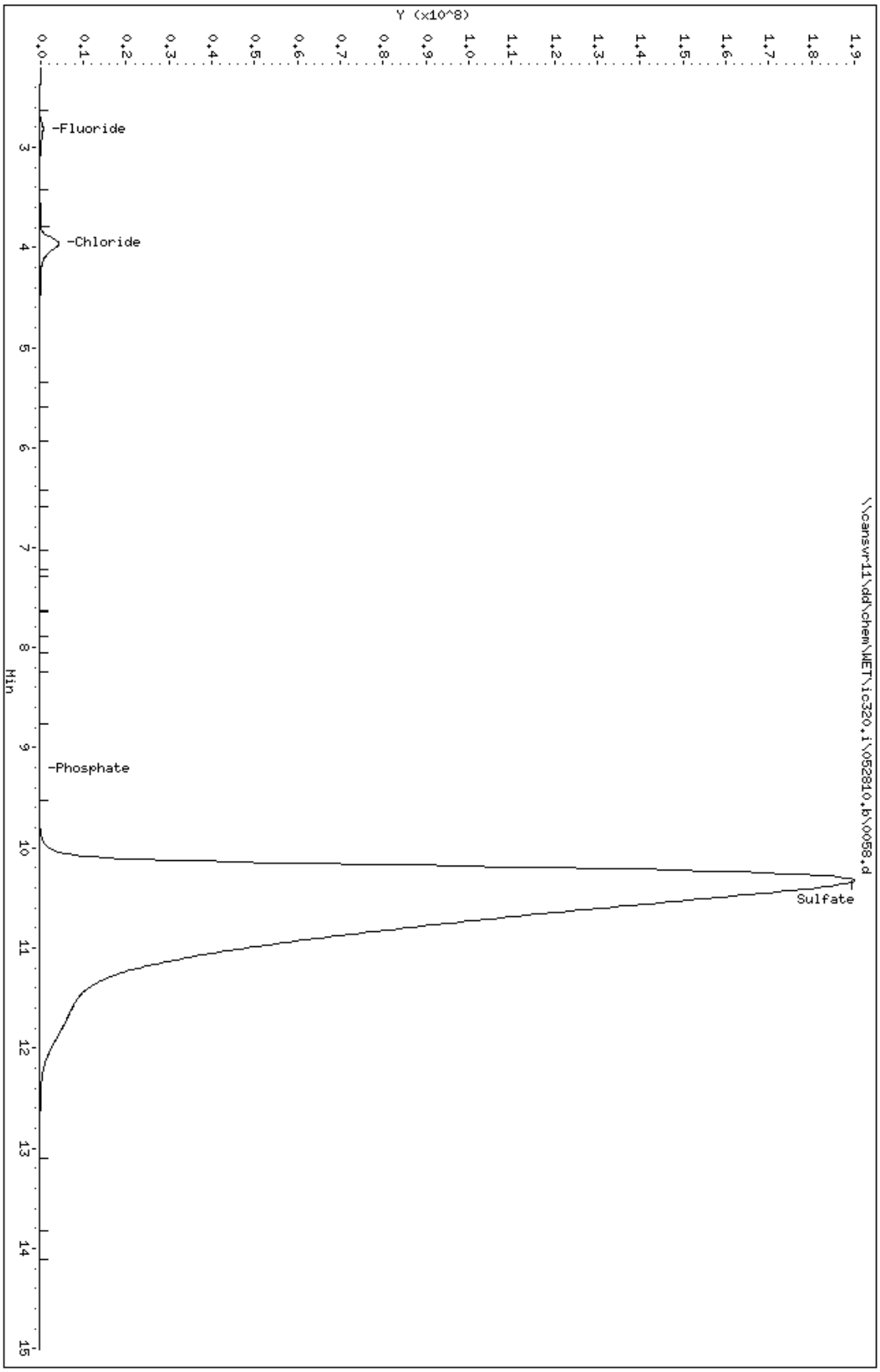
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.825	-0.009	9996796	0.80185	0.8018
2 Chloride	3.958	3.950	0.008	52491103	5.10542	5.105
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.216	8.908	0.308	37150	0.30802	0.3080
7 Sulfate	10.325	10.750	-0.425	7370248135	1080.01	1080(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.


Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0058.d
Date : 29-MAY-2010 09:03
Client ID:
Sample Info: LINLJ
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\052810.b\0058.d
Y (x10^8)
-Fluoride
-Chloride
-Phosphate
Sulfate
Min

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0059.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0059.d
Lab Smp Id: L1NLK
Inj Date : 29-MAY-2010 09:20
Operator : 001754 Inst ID: ic320.i
Smp Info : L1NLK
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

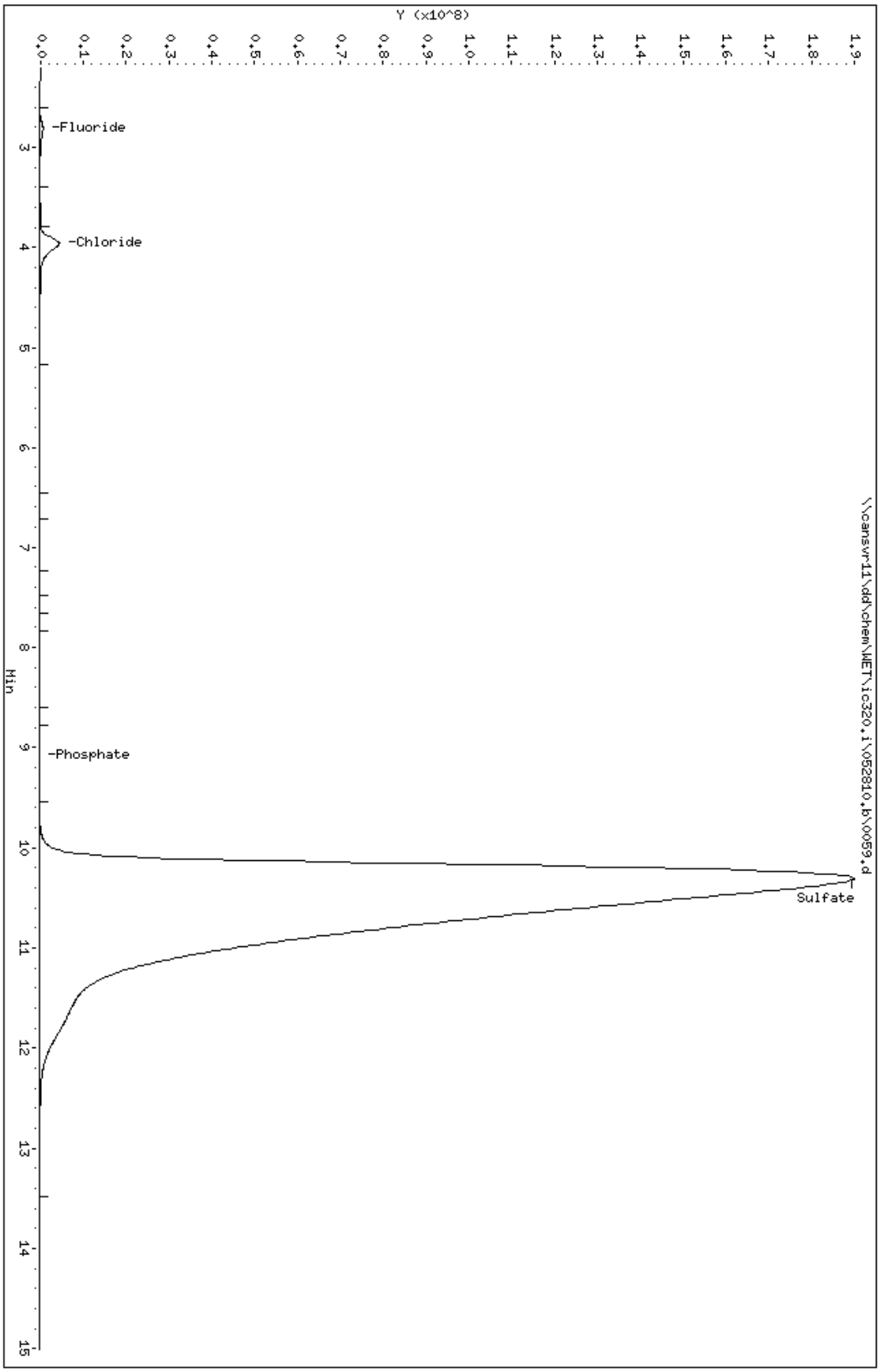
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.808	2.825	-0.017	10219817	0.81974	0.8197
2 Chloride	3.958	3.950	0.008	52393114	5.09588	5.096
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.075	8.908	0.167	26484	0.27923	0.2792
7 Sulfate	10.308	10.750	-0.442	7375487141	1080.77	1081(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0059.d
Date : 29-MAY-2010 09:20
Client ID:
Sample Info: LINLK
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0060.d
Report Date: 01-Jun-2010 13:25

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 29-MAY-2010 09:37
Lab File ID: 0060.d Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 17:19 19:38
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	12467102	11867669	11867669	0.010	4.80812	10.00000	Averaged
2 Chloride	10281456	10021568	10021568	0.010	2.52774	10.00000	Averaged
3 Nitrite	18134799	19077485	19077485	0.010	-5.19822	10.00000	Averaged
4 Bromide	3728320	3389716	3389716	0.010	9.08194	10.00000	Averaged
5 Nitrate	20676775	19931880	19931880	0.010	3.60257	10.00000	Averaged
6 Phosphate	2.50000	2.19274	294131	0.010	12.29034	10.00000	Linear<-
7 Sulfate	6824259	6442163	6442163	0.010	5.59907	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0060.d
Report Date: 01-Jun-2010 13:25

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0060.d
Lab Smp Id: CCV
Inj Date : 29-MAY-2010 09:37
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

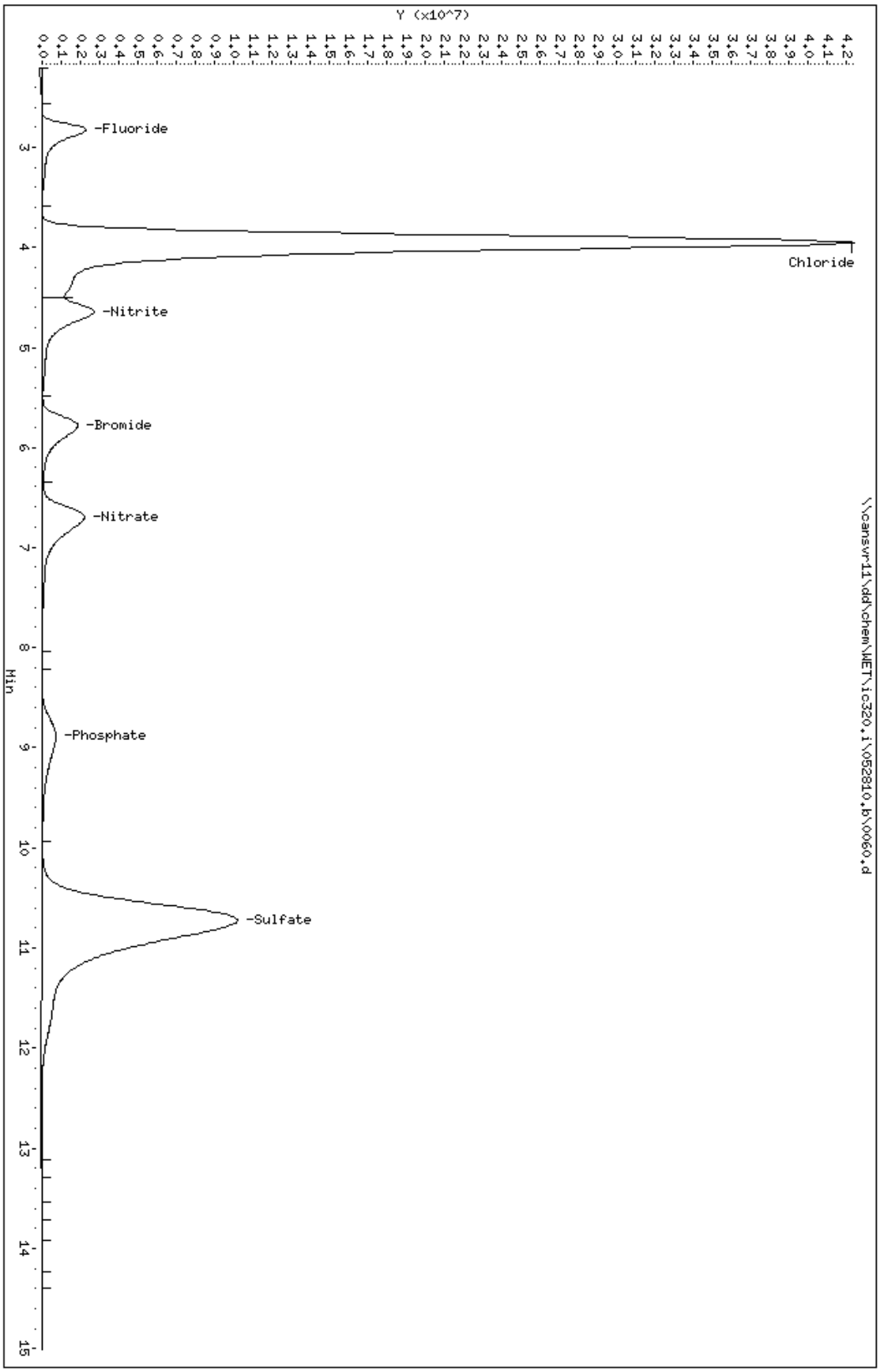
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.825	2.825	0.000	29669172	2.50000	2.380(M)
2 Chloride	3.950	3.950	0.000	501078406	50.0000	48.74(M)
3 Nitrite	4.641	4.641	0.000	47693712	2.50000	2.630(M)
4 Bromide	5.775	5.775	0.000	33897163	10.0000	9.092(M)
5 Nitrate	6.708	6.708	0.000	49829700	2.50000	2.410(M)
6 Phosphate	8.883	8.883	0.000	735328	2.50000	2.193(M)
7 Sulfate	10.725	10.725	0.000	322108172	50.0000	47.20(M)

QC Flag Legend

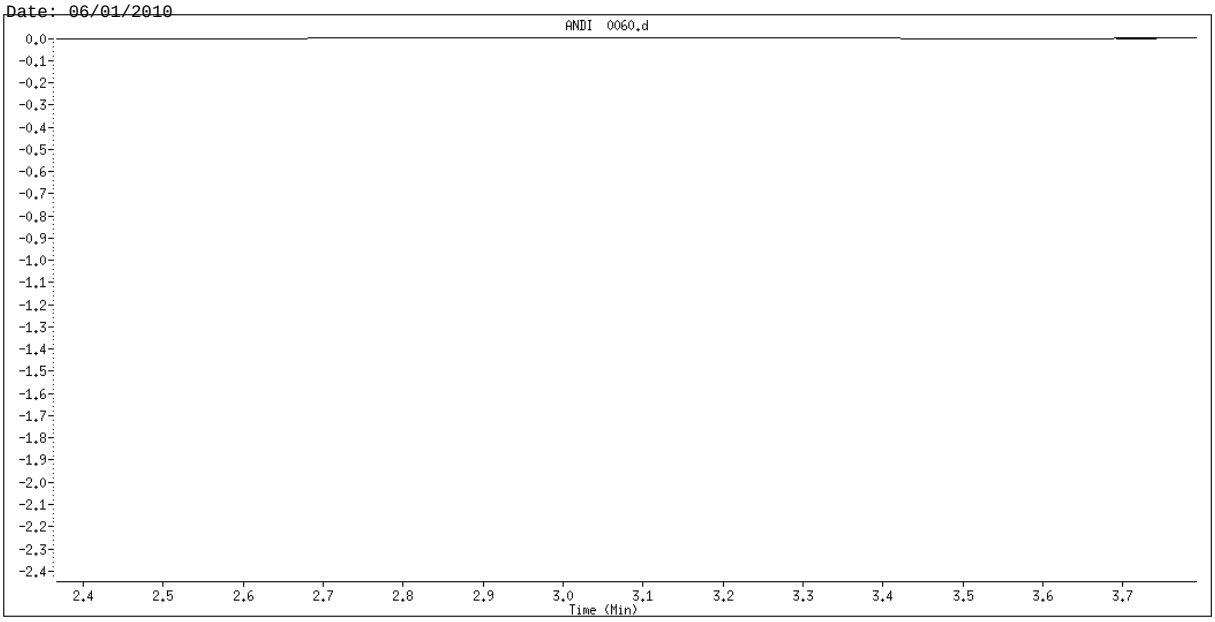
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0060.d
Date : 29-MAY-2010 09:37
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

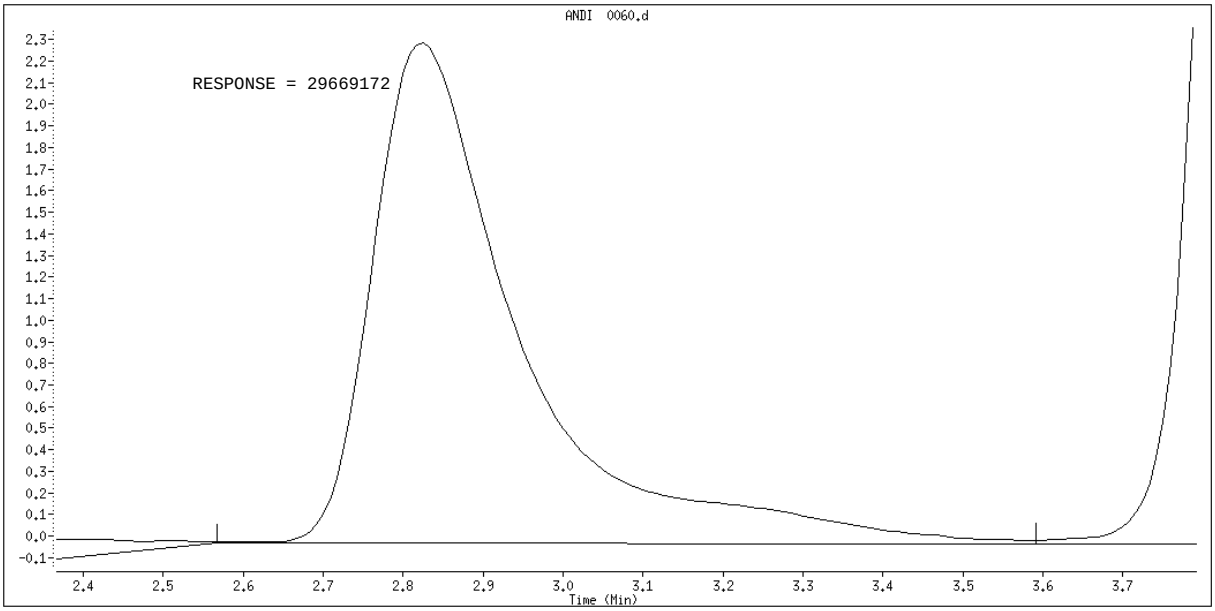
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0060.d
Inj. Date and Time: 29-MAY-2010 09:37
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



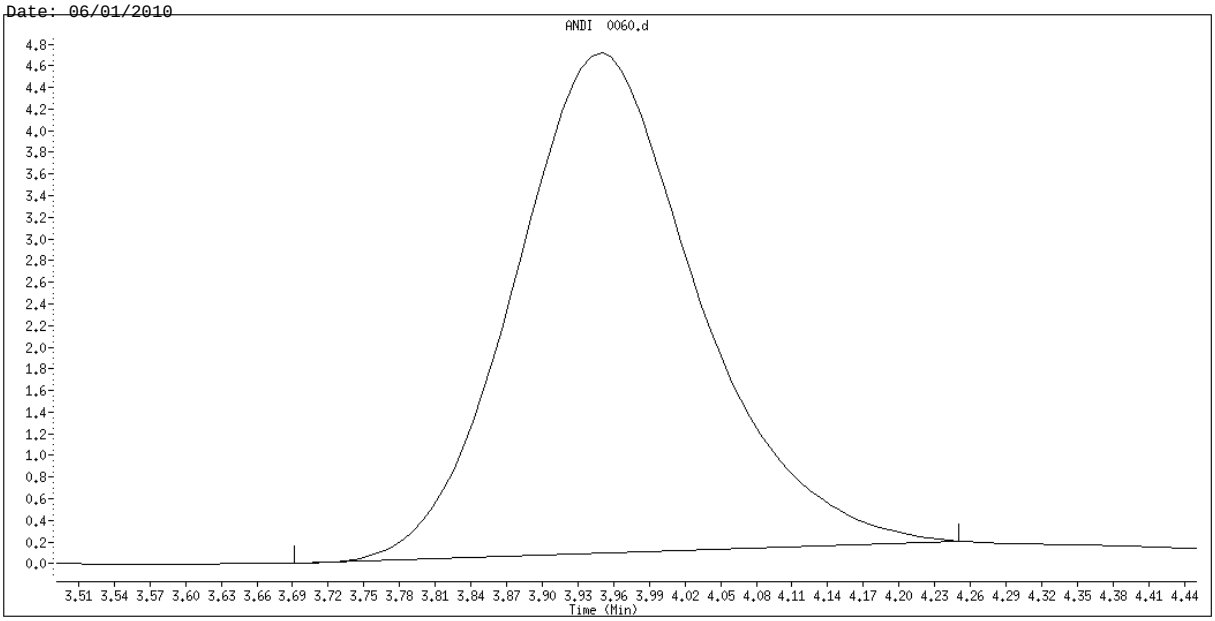
Original Integration



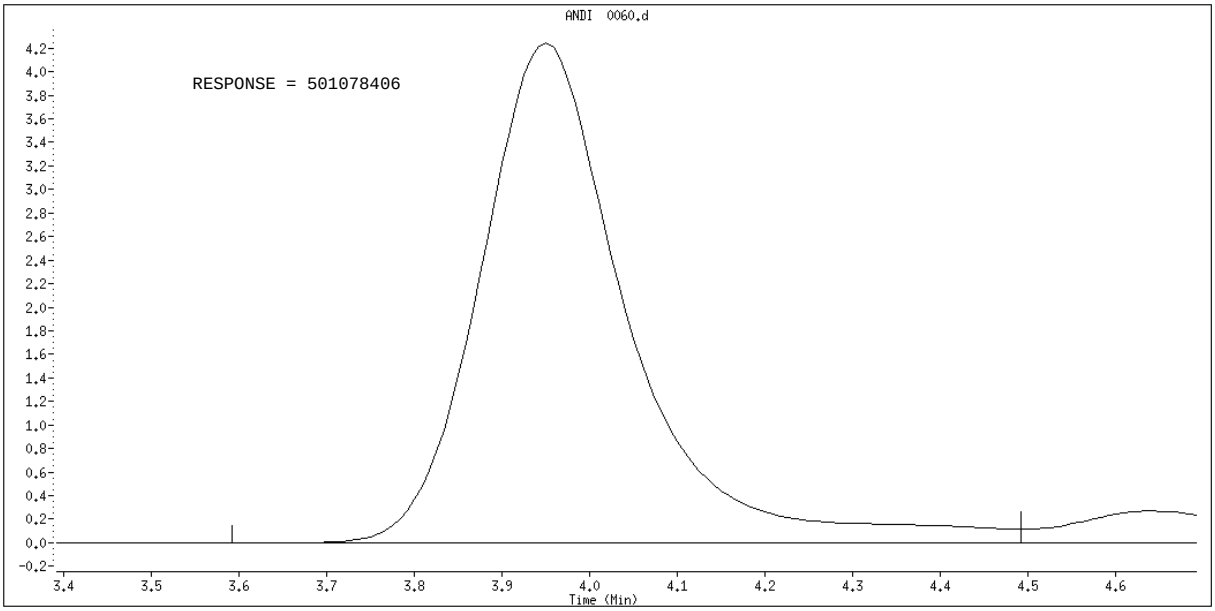
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0060.d
Inj. Date and Time: 29-MAY-2010 09:37
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



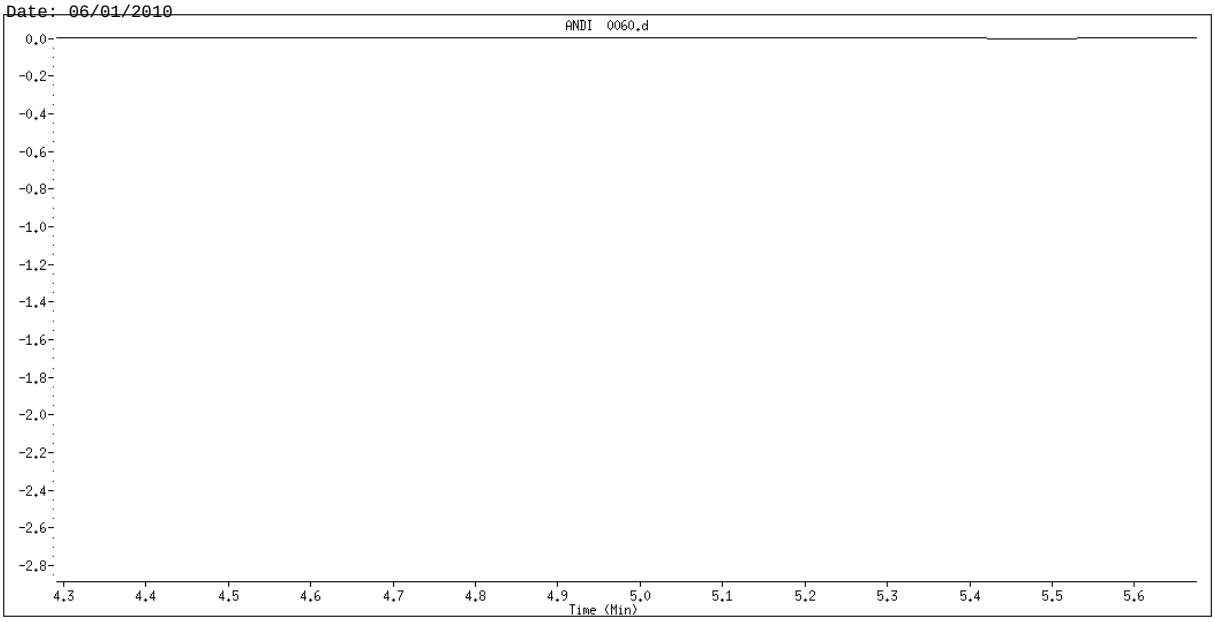
Original Integration



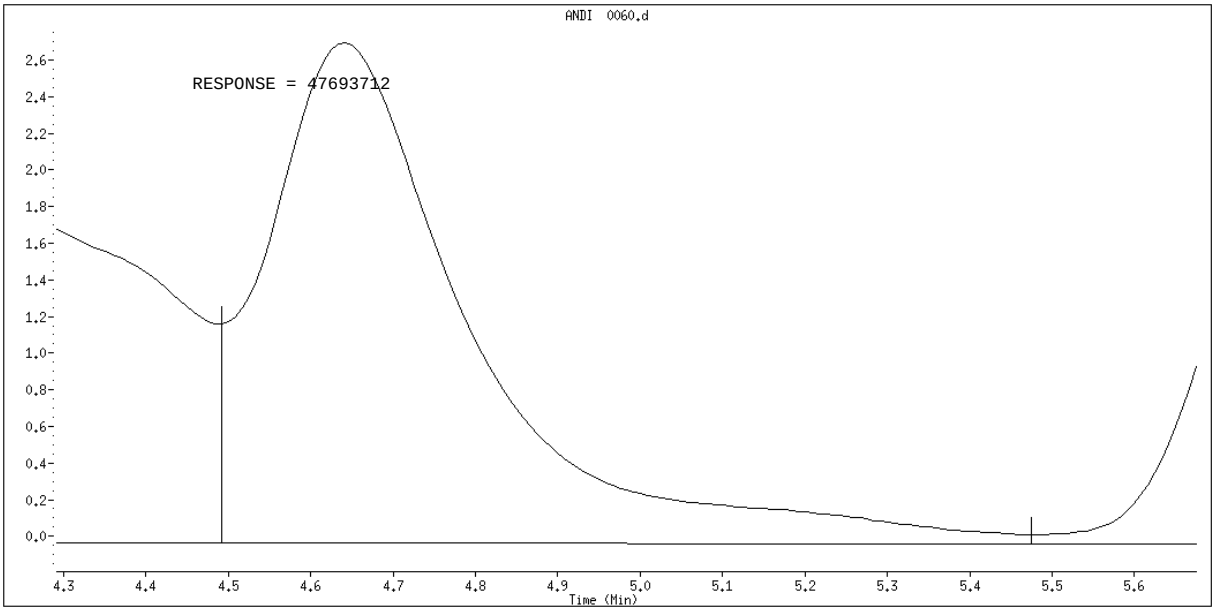
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0060.d
Inj. Date and Time: 29-MAY-2010 09:37
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/01/2010



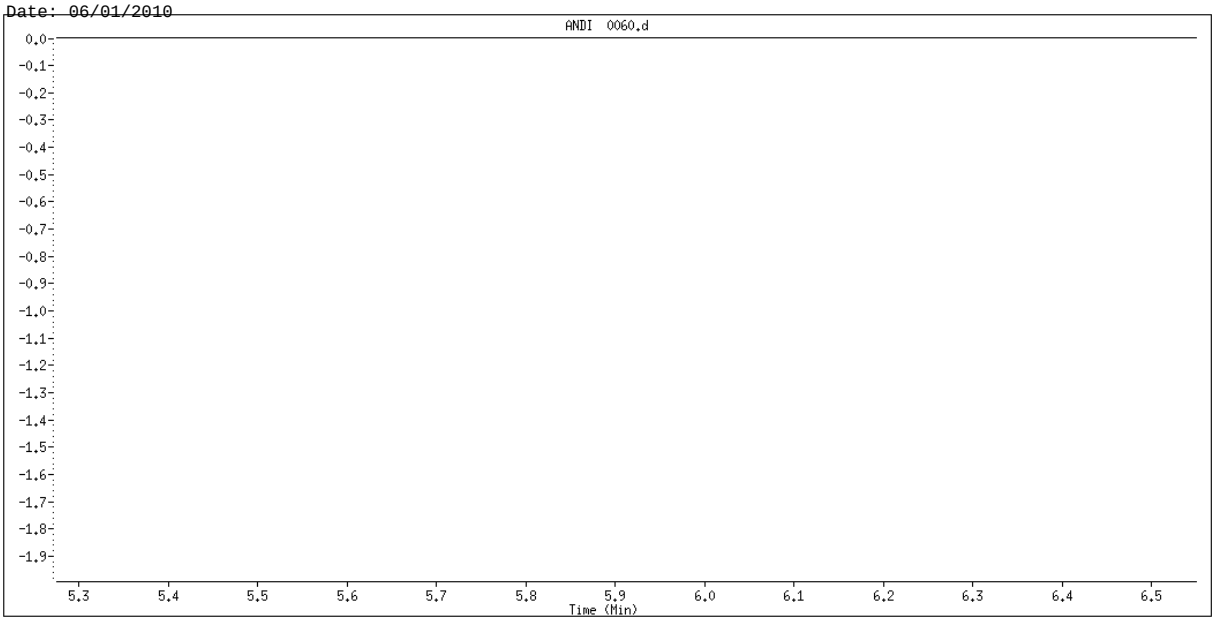
Original Integration



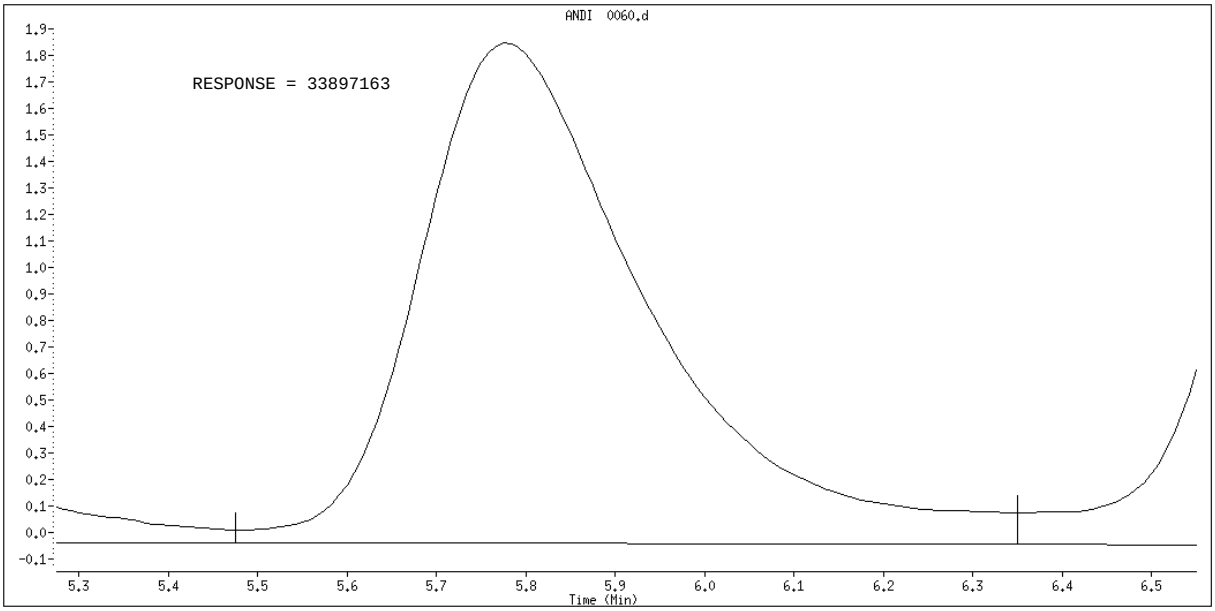
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0060.d
Inj. Date and Time: 29-MAY-2010 09:37
Instrument ID: ic320.i
Client ID:
Compound Name: Bromide
CAS #: Q85
Report Date: 06/01/2010



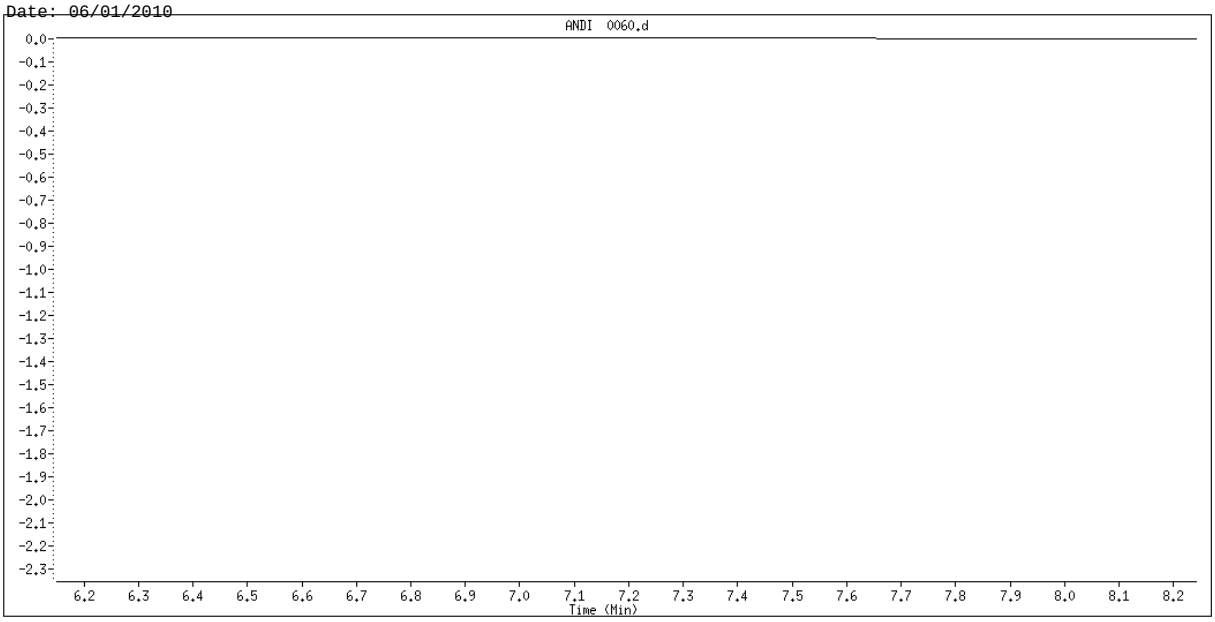
Original Integration



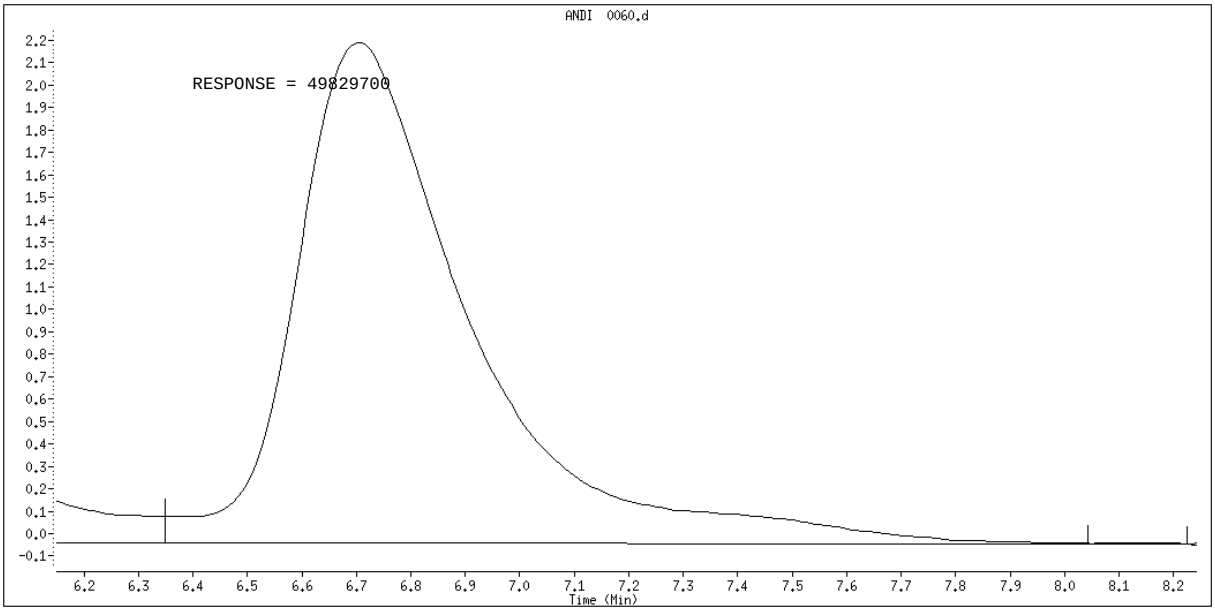
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0060.d
Inj. Date and Time: 29-MAY-2010 09:37
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrate
CAS #: Q479
Report Date: 06/01/2010



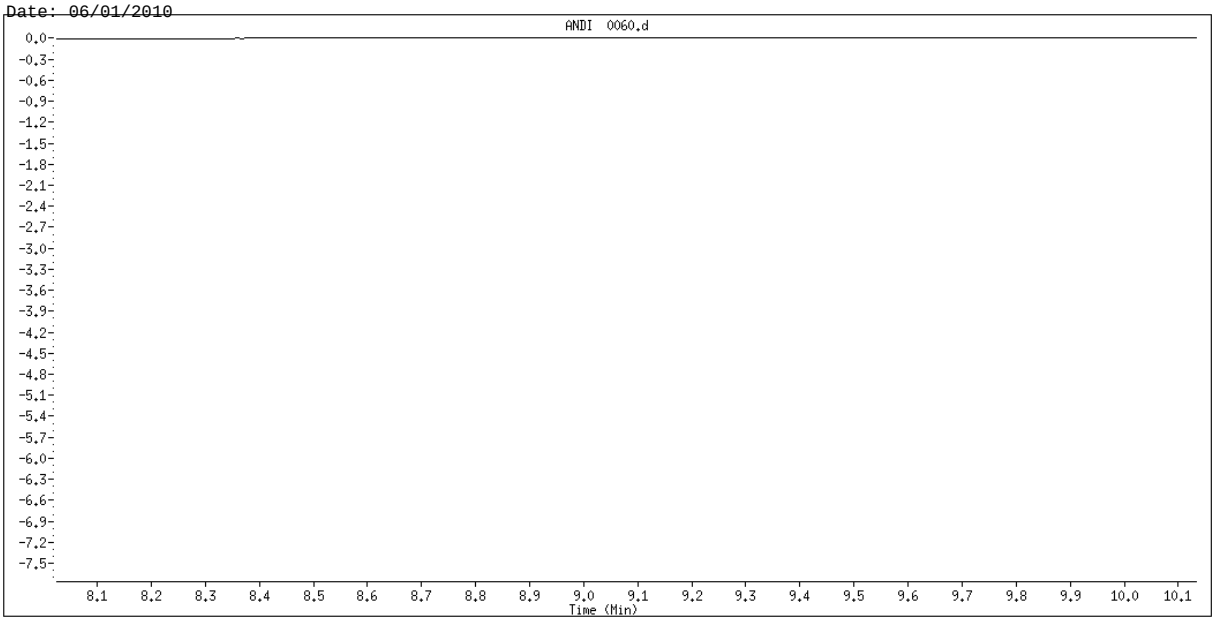
Original Integration



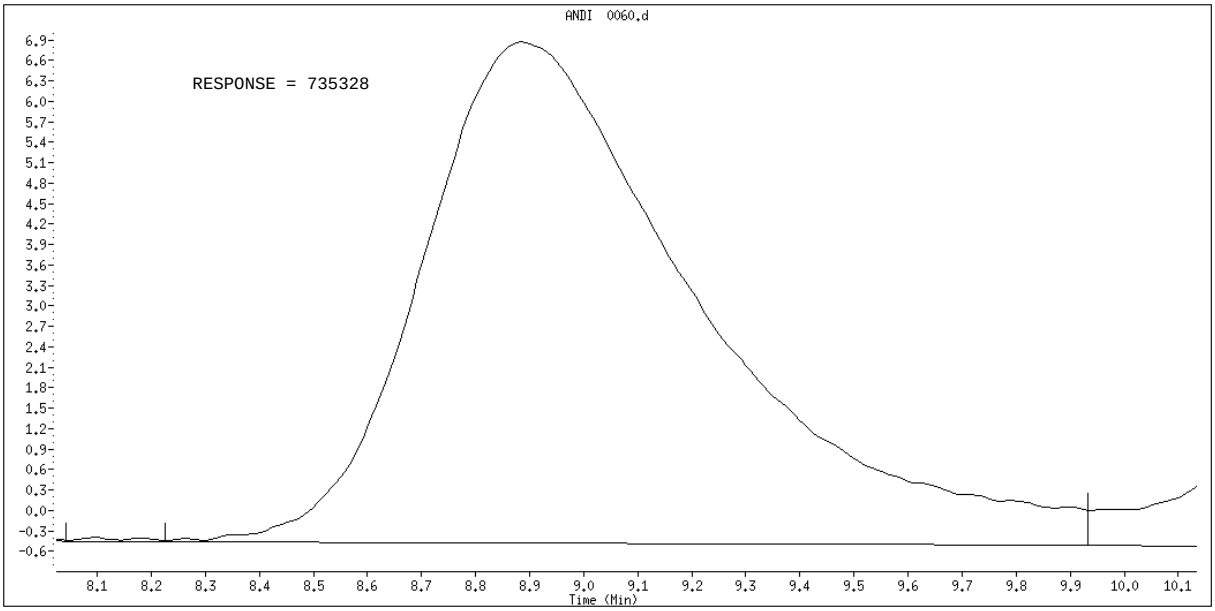
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0060.d
Inj. Date and Time: 29-MAY-2010 09:37
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/01/2010



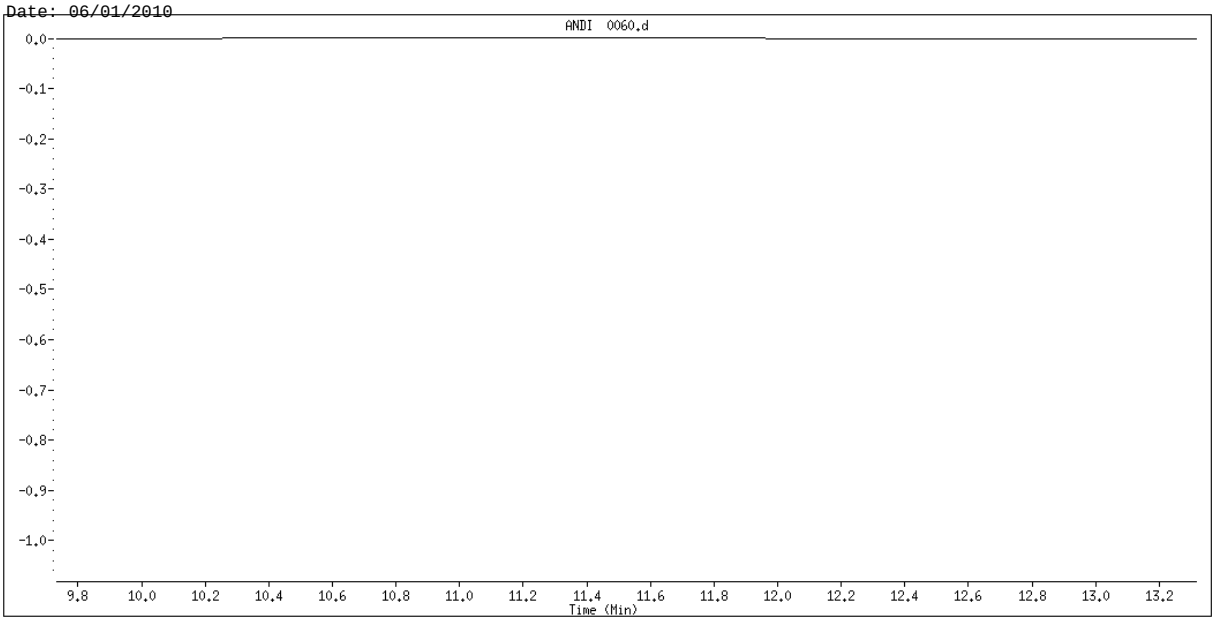
Original Integration



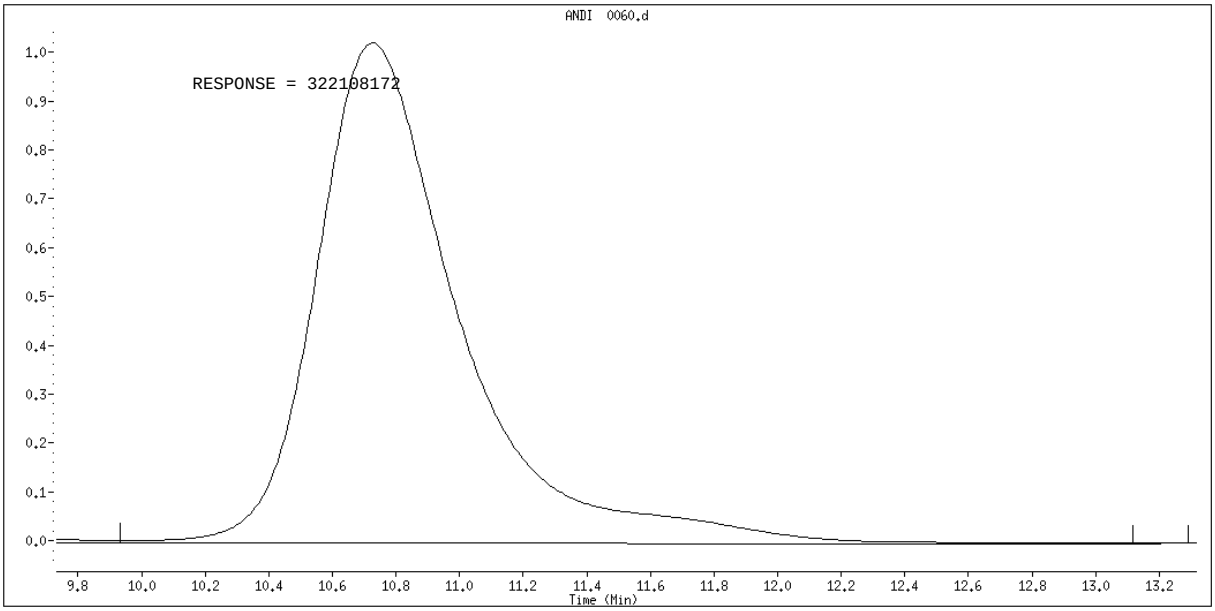
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0060.d
Inj. Date and Time: 29-MAY-2010 09:37
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\052910.b\0061.d
Report Date: 01-Jun-2010 13:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\052910.b\0061.d
Lab Smp Id: CCB
Inj Date : 01-JUN-2010 10:51
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\052910.b\DX320.m
Meth Date : 01-Jun-2010 13:11 scotts Quant Type: ESTD
Cal Date : 17-MAY-2010 19:38 Cal File: 0016.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

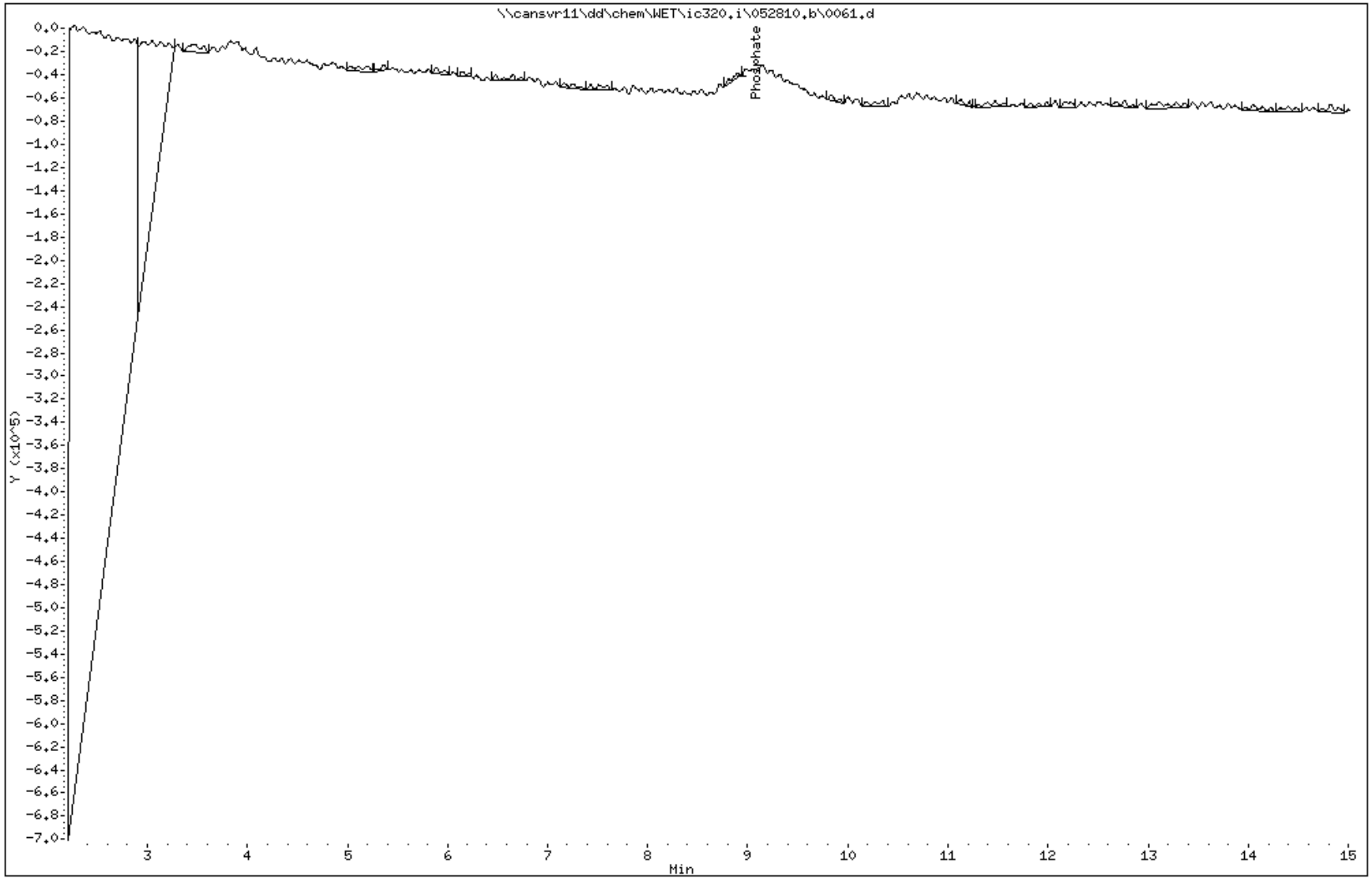
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.891	8.883	0.008	4990	0.22121	0.2212
7 Sulfate	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\WET\ic320.i\052810.b\0061.d
Date : 01-JUN-2010 10:51
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Method: 300, 9056

TestAmerica
North Canton
Ion Chromatography

0153101 ✓ 0153102 ✓ 0153100 ✓ 0153102 ✓

0 SEQUENCE: \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m Instrument : ic120.i LEVEL 1 _____ DATE: 6.1.10 Date Analyzed: 6/1/2010

0 LEVEL 2 _____ DATE: 6/2/10 Units: mg/L or mg/Kg

	Inj. Date	Sample ID	Matrix	Dil	FLUORIDE		CHLORIDE		NITRITE		BROMIDE		NITRATE-N		O-PHOS-P		SULFATE	
					RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
		RLs:>>			0.1		1		0.1		0.2		0.1		0.1		1	
Injec	26-May-10	Highest Cal Std conc & area			10	99207057	200	1.837E+09	10	137051539	50	117975469	10	165308307	10	69994377	200	1.181E+09
1	6/1/2010 16:29	RINSE	L	1	0.1	ND	1	ND	0.1	ND	0.2	ND	0.1	ND	0.1	ND	1	ND
2	6/1/2010 16:45	CCV	L	1	P 100%	2.50	P 105%	52.40	P 100%	2.50	P 96%	9.60	P 100%	2.50	P 108%	2.70	P 96%	48.20
3	6/1/2010 17:02	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	ND	P< 1	ND
4	6/1/2010 17:18	LCS	L	1	P 96%	2.40	P 102%	51.20	P 100%	2.50	P 98%	9.80	P 96%	2.40	P 108%	2.70	P 95%	47.50
5	6/1/2010 17:35	LCS DUP	L	1	P 96%	2.40	P 102%	51.20	P 100%	2.50	P 95%	9.50	P 96%	2.40	Out 112%	2.80	P 95%	47.50
6	6/1/2010 17:51	L179V	L	1	0.1	0.10	1	10.50	0.1	ND	0.2	ND	0.1	1.00	0.1	0.80	1	9.40
7	6/1/2010 18:07	L179V MS	L	1	Orig??	5.20	Orig??	111.40	Orig??	2.20	Orig??	17.00	Orig??	5.50	Orig??	9.90	Orig??	112.10
8	6/1/2010 18:24	L179V MSD	L	1	Orig??	3.70	Orig??	78.80	Orig??	2.40	Orig??	12.10	Orig??	4.10	Orig??	8.90	Orig??	74.90
9	6/1/2010 18:40	L1796	L	1	0.1	0.10	1	0.8 B	0.1	ND	0.2	ND	0.1	0.10	0.1	2.00	1	6.50
10	6/1/2010 18:57	L1798	L	1	0.1	0.10	1	10.50	0.1	ND	0.2	ND	0.1	1.00	0.1	1.30	1	9.40
11	6/1/2010 19:13	L18AA	L	1	0.1	0.20	1	ND	0.1	ND	0.2	ND	0.1	ND	0.1	0.70	1	ND
12	6/1/2010 19:29	CCV	L	1	P 100%	2.50	P 105%	52.50	P 100%	2.50	P 96%	9.60	P 100%	2.50	Out 116%	2.90	P 96%	48.20
13	6/1/2010 19:46	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	0.2 B	P< 1	ND
14	6/1/2010 20:02	L1P6T ORG	L	1	0.1	0.30	1	160.60	0.1	ND	0.2	0.60	0.1	ND	0.1	0.20	1	23.40
15	6/1/2010 20:19	L1P6T MS	L	1	Out -4%	0.20	Out -289%	16.20	P 8%	0.20	P 4%	1.00	P 8%	0.20	P 16%	0.60	Out -34%	6.60
16	6/1/2010 20:35	L1P6T MSD	L	1	Out -4%	0.20	Out -289%	16.00	P 8%	0.20	P 3%	0.90	P 8%	0.20	P 16%	0.60	Out -34%	6.40
17	6/1/2010 20:51	L1P5J	L	1	0.1	1.20	1	15.40	0.1	ND	0.2	ND	0.1	0.10	0.1	0.20	1	134.80
18	6/1/2010 21:08	L1P5K	L	1	0.1	2.50	1	10.80	0.1	ND	0.2	ND	0.1	ND	0.1	0.10	1	Dil 2X
19	6/1/2010 21:24	L1P5L	L	1	0.1	1.70	1	11.80	0.1	ND	0.2	ND	0.1	0.10	0.1	0.10	1	95.70
20	6/1/2010 21:41	L1P5M	L	1	0.1	0.60	1	12.70	0.1	ND	0.2	ND	0.1	ND	0.1	ND	1	115.80
21	6/1/2010 21:57	L1P5N	L	1	0.1	2.70	1	4.70	0.1	ND	0.2	ND	0.1	ND	0.1	ND	1	107.60
22	6/1/2010 22:14	L1P5P ORG	L	1	0.1	2.80	1	4.80	0.1	ND	0.2	ND	0.1	ND	0.1	ND	1	108.40
23	6/1/2010 22:30	L1P5P MS	L	1	P 108%	5.50	P 104%	57.00	P 100%	2.50	P 93%	9.30	P 96%	2.40	P 212%	5.30	P 109%	162.80
24	6/1/2010 22:46	CCV	L	1	P 100%	2.50	P 105%	52.30	P 100%	2.50	P 96%	9.60	P 100%	2.50	Out 124%	3.10	P 97%	48.40
25	6/1/2010 23:03	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	0.2 B	P< 1	ND

G - diluted for another analyte or matrix
B - estimated result, < RL

DX-120 Spreadsheet.xls
VER . 2000 09 05

785

North Canton

Method: 300, 9056

TestAmerica
North Canton
Ion Chromatography

0 SEQUENCE: \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m Instrument : ic120.i LEVEL 1_____ DATE:_____ Date Analyzed: 6/1/2010

0 LEVEL 2_____ DATE:_____ Units: mg/L or mg/Kg

	Inj. Date	Sample ID	Matrix	Dil	FLUORIDE		CHLORIDE		NITRITE		BROMIDE		NITRATE-N		O-PHOS-P		SULFATE	
					RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
0		RLs:>>			0.1		1		0.1		0.2		0.1		0.1		1	
Injec	26-May-10	Highest Cal Std conc & area			10	99207057	200	1.837E+09	10	137051539	50	117975469	10	165308307	10	69994377	200	1.181E+09
26	6/1/2010 23:19	L1P5Q	L	1	0.1	0.10	1	ND	0.1	ND	0.2	ND	0.1	ND	0.1	0.30	1	ND
27	6/1/2010 23:36	L1QVF	L	1	0.1	0.10	1	0.8 B	0.1	ND	0.2	ND	0.1	ND	0.1	0.20	1	19.20
28	6/1/2010 23:52	L1QXH ORG	L	1	0.1	0.20	1	1.50	0.1	ND	0.2	ND	0.1	ND	0.1	0.20	1	5.10
29	6/2/2010 0:08	L1QXH MS	L	1	P 104%	2.80	P 96%	49.50	P 96%	2.40	P 93%	9.30	P 92%	2.30	P 200%	5.20	P 90%	50.10
30	6/2/2010 0:25	L1Q4Q	L	5	0.5 G	0.1 B	5	25.80	0.5 G	ND	1 G	ND	0.5 G	ND	0.5	2.20	5	721.70
31	6/2/2010 0:41	L1Q45	L	5	0.5 G	0.4 B	5	191.80	0.5 G	ND	1	1.20	0.5 G	0.2 B	0.5	0.80	5	364.40
32	6/2/2010 0:58	L1Q50	L	5	0.5 G	0.2 B	5	74.10	0.5 G	ND	1 G	ND	0.5 G	0.2 B	0.5	0.50	5	878.60
33	6/2/2010 1:14	L1Q54	L	20	2 G	0.4 B	20	1944.00	2 G	ND	4	11.00	2 G	ND	2 G	ND	20	37.80
34	6/2/2010 1:30	L1Q58	L	20	2 G	0.6 B	20	2342.00	2 G	ND	4	11.20	2 G	ND	2 G	ND	20 G	8.6 B
35	6/2/2010 1:47	L1Q64	L	5	0.5 G	0.4 B	5	498.40	0.5 G	ND	1	2.50	0.5 G	ND	0.5 G	ND	5	404.30
36	6/2/2010 2:03	CCV	L	1	P 96%	2.40	P 105%	52.30	P 100%	2.50	P 96%	9.60	P 100%	2.50	P 108%	2.70	P 96%	48.20
37	6/2/2010 2:20	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	0.1 B	P< 1	ND
38	6/2/2010 2:36	LCS	L	1	P 96%	2.40	P 102%	51.00	P 100%	2.50	P 94%	9.40	P 96%	2.40	P 108%	2.70	P 95%	47.50
39	6/2/2010 2:52	LCS DUP	L	1	P 100%	2.50	P 103%	51.40	P 104%	2.60	P 98%	9.80	P 100%	2.50	P 108%	2.70	P 95%	47.40
40	6/2/2010 3:09	L1Q66	L	5	0.5 G	0.2 B	5	161.00	0.5 G	ND	1	1.10	0.5 G	ND	0.5	1.20	5	411.80
41	6/2/2010 3:25	L1Q69	L	5	0.5	0.60	5	903.60	0.5 G	ND	1	4.60	0.5 G	ND	0.5 G	0.3 B	5	6.80
42	6/2/2010 3:42	L1Q7J	L	5	0.5	0.60	5	577.00	0.5 G	ND	1	3.30	0.5 G	ND	0.5 G	ND	5	7.90
43	6/2/2010 3:58	L1Q7V	L	5	0.5 G	0.2 B	5	Dil 50X	0.5 G	ND	1	41.80	0.5 G	ND	0.5 G	ND	5 G	0.7 B
44	6/2/2010 4:15	L1Q70	L	1	0.1	ND	1	0.6 B	0.1	ND	0.2	ND	0.1	ND	0.1	0.10	1	ND
45	6/2/2010 4:31	CCV	L	1	P 96%	2.40	P 105%	52.70	P 100%	2.50	P 96%	9.60	P 100%	2.50	Out 112%	2.80	P 97%	48.50
46	6/2/2010 4:47	CCB	L	1	P< 1	ND	P< 1	0.1 B	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	ND	P< 1	ND
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!

G - diluted for another analyte or matrix
B - estimated result, < RL

DX-120 Spreadsheet.xls
VER . 2000 09 05

Sequence: 060110
Operator: wetchemnc

Printed: 6/2/2010 9:21:35 AM

Title:
Datasource: D2NJR9B1_local
Location: IC120\DX120 DATA 2010\DX120 JUNE 2010
Timebase: IC120
#Samples: 47

Created: 6/1/2010 2:28:37 PM by wetchemnc
Last Update: 6/1/2010 4:28:29 PM by wetchemnc

No.	Name	Type	Program	Status	Inj. Date/Time	Comment
1	RINSE	Unknown	DX120_14min	Finished	6/1/2010 4:29:25 PM	ELUENT=WR00485
2	CCV,,2	Unknown	DX120_14min	Finished	6/1/2010 4:45:49 PM	CCV=IC0218
3	CCB	Unknown	DX120_14min	Finished	6/1/2010 5:02:14 PM	LCS=IC0219
4	LCS,,3	Spiked	DX120_14min	Finished	6/1/2010 5:18:38 PM	
5	LCS DUP,,3	Spiked	DX120_14min	Finished	6/1/2010 5:35:03 PM	
6	L179V	Unknown	DX120_14min	Finished	6/1/2010 5:51:28 PM	
7	L179V MS,,3	Unknown	DX120_14min	Finished	6/1/2010 6:07:52 PM	
8	L179V MSD,,3	Unknown	DX120_14min	Finished	6/1/2010 6:24:17 PM	
9	L1796	Unknown	DX120_14min	Finished	6/1/2010 6:40:41 PM	
10	L1798	Unknown	DX120_14min	Finished	6/1/2010 6:57:06 PM	
11	L18AA	Unknown	DX120_14min	Finished	6/1/2010 7:13:31 PM	
12	CCV,,2	Unknown	DX120_14min	Finished	6/1/2010 7:29:56 PM	
13	CCB	Unknown	DX120_14min	Finished	6/1/2010 7:46:20 PM	
14	L1P6T ORG	Unknown	DX120_14min	Finished	6/1/2010 8:02:45 PM	
15	L1P6T MS,,3	Unknown	DX120_14min	Finished	6/1/2010 8:19:10 PM	
16	L1P6T MSD,,3	Unknown	DX120_14min	Finished	6/1/2010 8:35:35 PM	
17	L1P5J	Unknown	DX120_14min	Finished	6/1/2010 8:51:59 PM	
18	L1P5K	Unknown	DX120_14min	Finished	6/1/2010 9:08:24 PM	
19	L1P5L	Unknown	DX120_14min	Finished	6/1/2010 9:24:48 PM	
20	L1P5M	Unknown	DX120_14min	Finished	6/1/2010 9:41:12 PM	
21	L1P5N	Unknown	DX120_14min	Finished	6/1/2010 9:57:37 PM	
22	L1P5P ORG	Unknown	DX120_14min	Finished	6/1/2010 10:14:01 PM	
23	L1P5P MS,,3	Unknown	DX120_14min	Finished	6/1/2010 10:30:26 PM	
24	CCV,,2	Unknown	DX120_14min	Finished	6/1/2010 10:46:50 PM	
25	CCB	Unknown	DX120_14min	Finished	6/1/2010 11:03:15 PM	
26	L1P5Q	Unknown	DX120_14min	Finished	6/1/2010 11:19:39 PM	
27	L1QVF	Unknown	DX120_14min	Finished	6/1/2010 11:36:04 PM	
28	L1QXH ORG	Unknown	DX120_14min	Finished	6/1/2010 11:52:29 PM	
29	L1QXH MS,,3	Unknown	DX120_14min	Finished	6/2/2010 12:08:53 AM	
30	L1Q4Q,5	Unknown	DX120_14min	Finished	6/2/2010 12:25:18 AM	
31	L1Q45,5	Unknown	DX120_14min	Finished	6/2/2010 12:41:42 AM	
32	L1Q50,5	Unknown	DX120_14min	Finished	6/2/2010 12:58:07 AM	
33	L1Q54,20	Unknown	DX120_14min	Finished	6/2/2010 1:14:32 AM	
34	L1Q58,20	Unknown	DX120_14min	Finished	6/2/2010 1:30:56 AM	
35	L1Q64,5	Unknown	DX120_14min	Finished	6/2/2010 1:47:20 AM	
36	CCV,,2	Unknown	DX120_14min	Finished	6/2/2010 2:03:45 AM	
37	CCB	Unknown	DX120_14min	Finished	6/2/2010 2:20:10 AM	
38	LCS,,3	Unknown	DX120_14min	Finished	6/2/2010 2:36:35 AM	
39	LCS DUP,,3	Unknown	DX120_14min	Finished	6/2/2010 2:52:59 AM	
40	L1Q66,5	Unknown	DX120_14min	Finished	6/2/2010 3:09:24 AM	
41	L1Q69,5	Unknown	DX120_14min	Finished	6/2/2010 3:25:48 AM	
42	L1Q7J,5	Unknown	DX120_14min	Finished	6/2/2010 3:42:13 AM	

Sequence: 060110
Operator: wetchemnc
Printed: 6/2/2010 9:21:35 AM

Title:
Datasource: D2NJR9B1_local
Location: IC120\DX120 DATA 2010\DX120 JUNE 2010
Timebase: IC120
#Samples: 47

Created: 6/1/2010 2:28:37 PM by wetchemnc
Last Update: 6/1/2010 4:28:29 PM by wetchemnc

No.	Name	Type	Program	Status	Inj. Date/Time	Comment
43	L1Q7V,5	Unknown	DX120_14min	Finished	6/2/2010 3:58:38 AM	
44	L1Q70	Unknown	DX120_14min	Finished	6/2/2010 4:15:03 AM	
45	CCV,,2	Unknown	DX120_14min	Finished	6/2/2010 4:31:27 AM	
46	CCB	Unknown	DX120_14min	Finished	6/2/2010 4:47:52 AM	
47	Halt	Unknown	DX120_Halt	Finished	6/2/2010 5:04:17 AM	

Report Date : 02-Jun-2010 09:24

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Last Edit : 26-May-2010 16:41

Calibration File Names:
Level 1: \\cansvr11\chem\chem\WET\ic120.i\052610.b\0002.d
Level 2: \\cansvr11\chem\chem\WET\ic120.i\052610.b\0003.d
Level 3: \\cansvr11\chem\chem\WET\ic120.i\052610.b\0004.d
Level 4: \\cansvr11\chem\chem\WET\ic120.i\052610.b\0005.d
Level 5: \\cansvr11\chem\chem\WET\ic120.i\052610.b\0006.d
Level 6: \\cansvr11\chem\chem\WET\ic120.i\052610.b\0007.d
Level 7: \\cansvr11\chem\chem\WET\ic120.i\052610.b\0008.d
Level 8: \\cansvr11\chem\chem\WET\ic120.i\052610.b\0009.d
Level 9: \\cansvr11\chem\chem\WET\ic120.i\052610.b\0010.d

Compound	0.0500000 Level 1	0.2500000 Level 2	0.5000000 Level 3	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7	7.5000 Level 8	10.0000 Level 9								
1 Fluoride	8390480	8934568	8587898	9102464	9141497	9178212					
	9362610	9697932	9920706				AVRG		9146263		5.30252
2 Chloride	6314997	6292885	6463640	7042959	7976910	8336438					
	8587161	8989677	9184117				AVRG		7687643		15.24740
3 Nitrite	10890320	11438116	11727106	12829850	12703456	12865903					
	12958885	13529670	13705154				AVRG		12516496		7.64281

Report Date : 02-Jun-2010 09:24

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Last Edit : 26-May-2010 16:41

Compound	0.0500000 Level 1 / 5.0000 Level 7	0.2500000 Level 2 / 7.5000 Level 8	0.5000000 Level 3 / 10.0000 Level 9	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
4 Bromide	2328245	2531355	2597699	2726134	2704742	2750338					
	2772650	2903294	2949387				AVRG		2695983		7.05000
5 Nitrate	13116360	13630328	13790684	14456457	14797277	15179975					
	15585964	16288169	16530831				AVRG		14819560		8.02277
6 Phosphate	865850	2090803	4105919	7552373	17448936	27632129					
	35283864	53455160	69994377				LINR	-0.05294	6983826		0.99974
7 Sulfate	4710604	4518045	4534122	4653479	4987781	5120889					
	5336729	5712570	5906183				AVRG		5053378		10.10142

Report Date : 02-Jun-2010 09:24

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Last Edit : 26-May-2010 16:41

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

Report Date: 02-Jun-2010 16:08

Calibration History

Method : \\cansvr11\dd\chem\WET\ic120.i\060110.b\DX120.m
Start Cal Date: 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.05000		
26-MAY-2010 13:13	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0002.d
Cal Level: 2 , Cal Amount: 0.25000		
26-MAY-2010 13:30	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0003.d
Cal Level: 3 , Cal Amount: 0.50000		
26-MAY-2010 13:46	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0004.d
Cal Level: 4 , Cal Amount: 1.00000		
26-MAY-2010 14:02	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0005.d
Cal Level: 5 , Cal Amount: 2.50000		
26-MAY-2010 14:19	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d
Cal Level: 6 , Cal Amount: 4.00000		
26-MAY-2010 14:35	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0007.d
Cal Level: 7 , Cal Amount: 5.00000		
26-MAY-2010 14:52	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Cal Level: 8 , Cal Amount: 7.50000		

```
+==================================================================================+
|26-MAY-2010 15:08 |all                |                                            |
|\\cansvr11\dd\chem\WET\ic120.i\052610.b\0009.d                                    |
+------------------+-----------------+------------------------------------------+

+------------------+-----------------+------------------------------------------+
| Cal Level: 9 , Cal Amount: 10.00000                                              |
+==================================================================================+
|26-MAY-2010 15:24 |all                |                                            |
|\\cansvr11\dd\chem\WET\ic120.i\052610.b\0010.d                                    |
+------------------+-----------------+------------------------------------------+
```

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 5

```
+------------------+-----------------+------------------------------------------+
|02-JUN-2010 04:31 |all                |                                            |
|\\cansvr11\chem\WET\ic120.i\060110.b\0045.d                                       |
|02-JUN-2010 02:03 |all                |                                            |
|\\cansvr11\chem\WET\ic120.i\060110.b\0036.d                                       |
|01-JUN-2010 22:46 |all                |                                            |
|\\cansvr11\chem\WET\ic120.i\060110.b\0024.d                                       |
|01-JUN-2010 19:29 |all                |                                            |
|\\cansvr11\chem\WET\ic120.i\060110.b\0012.d                                       |
|01-JUN-2010 16:45 |all                |                                            |
|\\cansvr11\chem\WET\ic120.i\060110.b\0002.d                                       |
+------------------+-----------------+------------------------------------------+
```

Report Date : 26-May-2010 17:37

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Last Edit : 26-May-2010 17:34 scotts

Calibration File Names:
Level 1: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0002.d
Level 2: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0003.d
Level 3: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0004.d
Level 4: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0005.d
Level 5: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d
Level 6: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0007.d
Level 7: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Level 8: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0009.d
Level 9: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0010.d

Compound	0.0500000 Level 1	0.2500000 Level 2	0.5000000 Level 3	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7	7.5000 Level 8	10.0000 Level 9								
1 Fluoride	8390480	8934568	8587898	9102464	9141497	9178212					
	9362610	9697932	9920706				AVRG		9146263		5.30252
2 Chloride	6314997	6292885	6463640	7042959	7976910	8336438					
	8587161	8989677	9184117				AVRG		7687643		15.24740
3 Nitrite	10890320	11438116	11727106	12829850	12703456	12865903					
	12958885	13529670	13705154				AVRG		12516496		7.64281

Report Date : 26-May-2010 17:37

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Last Edit : 26-May-2010 17:34 scotts

Compound	0.0500000 Level 1 / 5.0000 Level 7	0.2500000 Level 2 / 7.5000 Level 8	0.5000000 Level 3 / 10.0000 Level 9	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
4 Bromide	2328245	2531355	2597699	2726134	2704742	2750338					
	2772650	2903294	2949387				AVRG		2695983		7.05000
5 Nitrate	13116360	13630328	13790684	14456457	14797277	15179975					
	15585964	16288169	16530831				AVRG		14819560		8.02277
6 Phosphate	865850	2090803	4105919	7552373	17448936	27632129					
	35283864	53455160	69994377				LINR	-0.05294	6983826		0.99974
7 Sulfate	4710604	4518045	4534122	4653479	4987781	5120889					
	5336729	5712570	5906183				AVRG		5053378		10.10142

Report Date : 26-May-2010 17:37

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Last Edit : 26-May-2010 17:34 scotts

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

Report Date: 26-May-2010 17:37

Calibration History

Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Start Cal Date: 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.05000		
26-MAY-2010 13:13	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0002.d
Cal Level: 2 , Cal Amount: 0.25000		
26-MAY-2010 13:30	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0003.d
Cal Level: 3 , Cal Amount: 0.50000		
26-MAY-2010 13:46	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0004.d
Cal Level: 4 , Cal Amount: 1.00000		
26-MAY-2010 14:02	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0005.d
Cal Level: 5 , Cal Amount: 2.50000		
26-MAY-2010 14:19	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d
Cal Level: 6 , Cal Amount: 4.00000		
26-MAY-2010 14:35	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0007.d
Cal Level: 7 , Cal Amount: 5.00000		
26-MAY-2010 14:52	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Cal Level: 8 , Cal Amount: 7.50000		

```
+==================================================================================+
|26-MAY-2010 15:08 |all                |                                            |
|\\cansvr11\dd\chem\WET\ic120.i\052610.b\0009.d                                    |
+------------------+-----------------+-------------------------------------------+

+------------------+-----------------+-------------------------------------------+
| Cal Level: 9 , Cal Amount: 10.00000                                              |
+==================================================================================+
|26-MAY-2010 15:24 |all                |                                            |
|\\cansvr11\dd\chem\WET\ic120.i\052610.b\0010.d                                    |
+------------------+-----------------+-------------------------------------------+
```

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 5

```
+------------------+-----------------+-------------------------------------------+
|26-MAY-2010 15:41 |all                |                                            |
|\\cansvr11\chem\WET\ic120.i\052610.b\0011.d                                       |
|26-MAY-2010 15:41 |all                |                                            |
|\\cansvr11\dd\chem\WET\ic120.i\052610.b\0011.d                                    |
|26-MAY-2010 14:19 |all                |                                            |
|\\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d                                    |
+------------------+-----------------+-------------------------------------------+
```

Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0002.d
Report Date: 26-May-2010 16:40

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0002.d
Lab Smp Id: IC0215
Inj Date : 26-MAY-2010 13:13
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0215
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

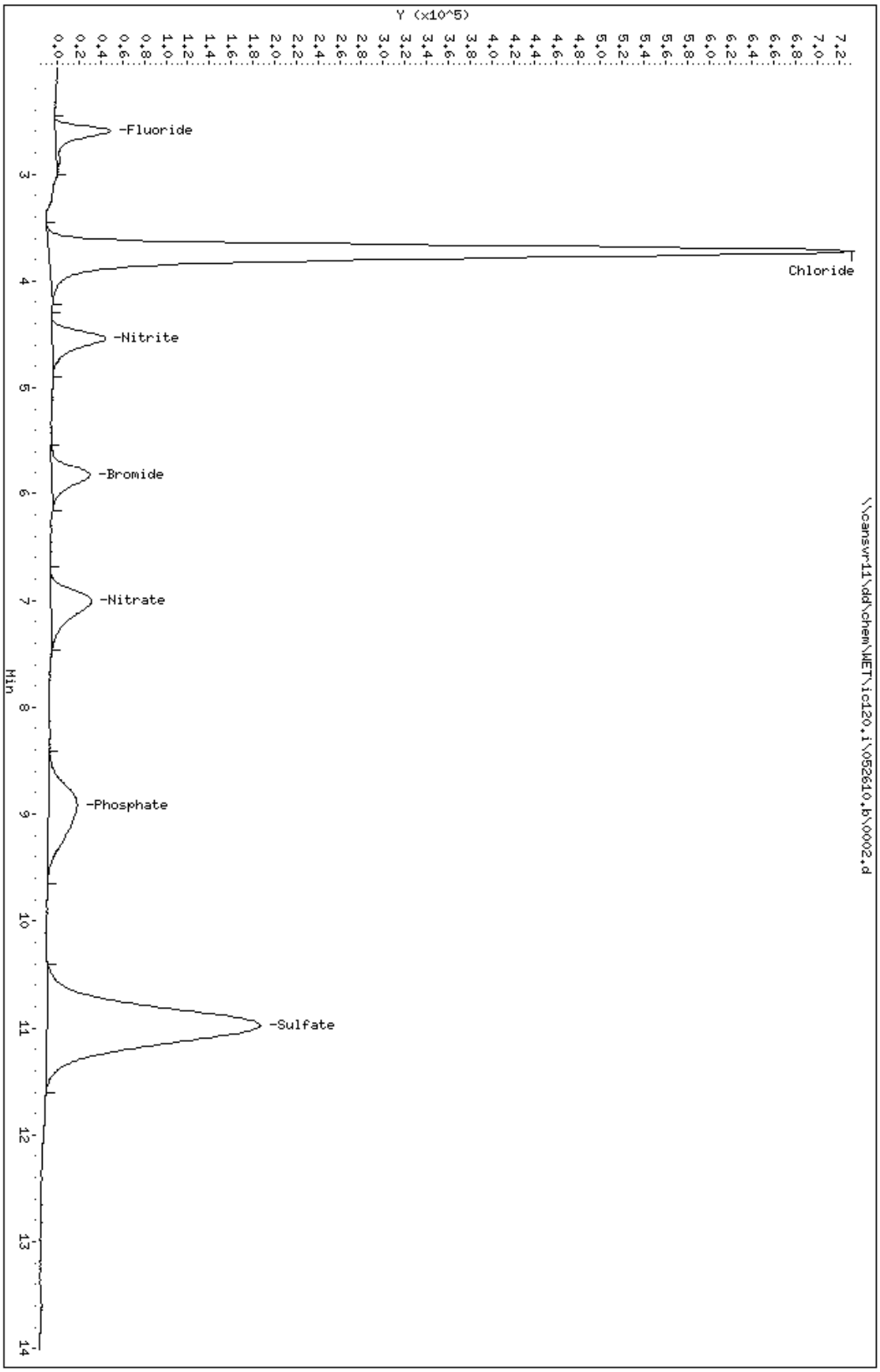
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.600	2.600	0.000	419524	0.05000	0.04587(a)
2 Chloride	3.725	3.725	0.000	6314997	1.00000	0.8214(a)
3 Nitrite	4.533	4.533	0.000	544516	0.05000	0.04350(a)
4 Bromide	5.825	5.825	0.000	465649	0.20000	0.1727(a)
5 Nitrate	7.008	7.008	0.000	655818	0.05000	0.04425(a)
6 Phosphate	8.925	8.925	0.000	865850	0.05000	0.07104(M)
7 Sulfate	10.975	10.975	0.000	4710604	1.00000	0.9322(a)

QC Flag Legend

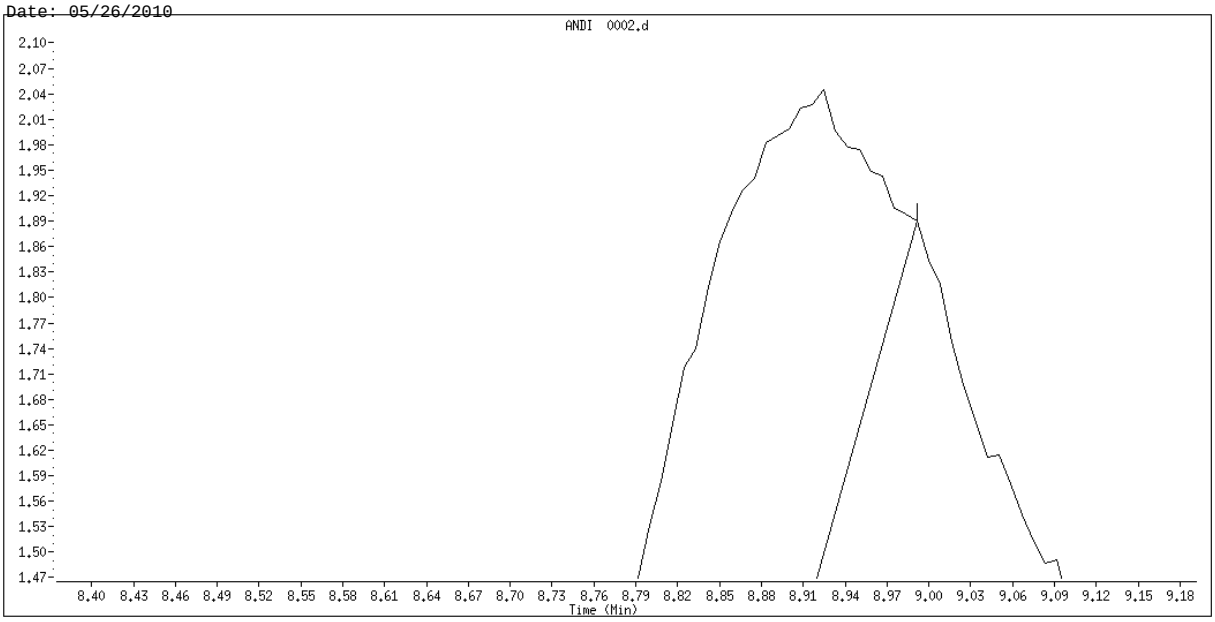
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0002.d
Date : 26-MAY-2010 13:13
Client ID:
Sample Info: IC0215
Purge Volume: 1.0
Column phase: AS14

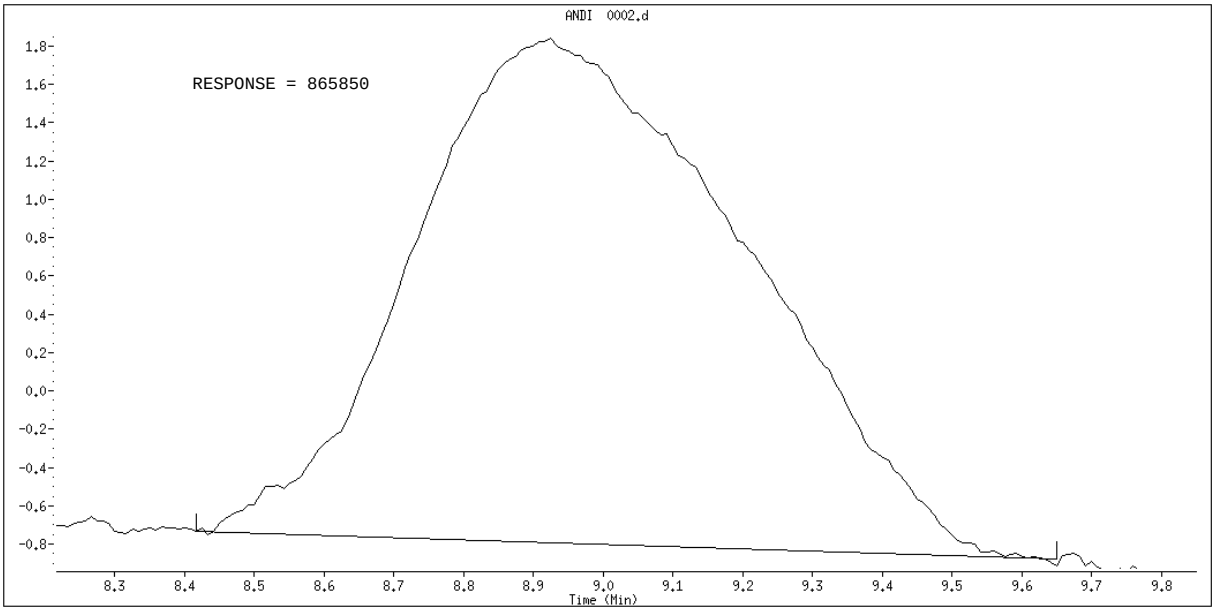
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0002.d
Inj. Date and Time: 26-MAY-2010 13:13
Instrument ID: ic120.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 05/26/2010



Original Integration



Manual Integration

Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0003.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0003.d
Lab Smp Id: IC0214
Inj Date : 26-MAY-2010 13:30
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0214
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 13:30 Cal File: 0003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

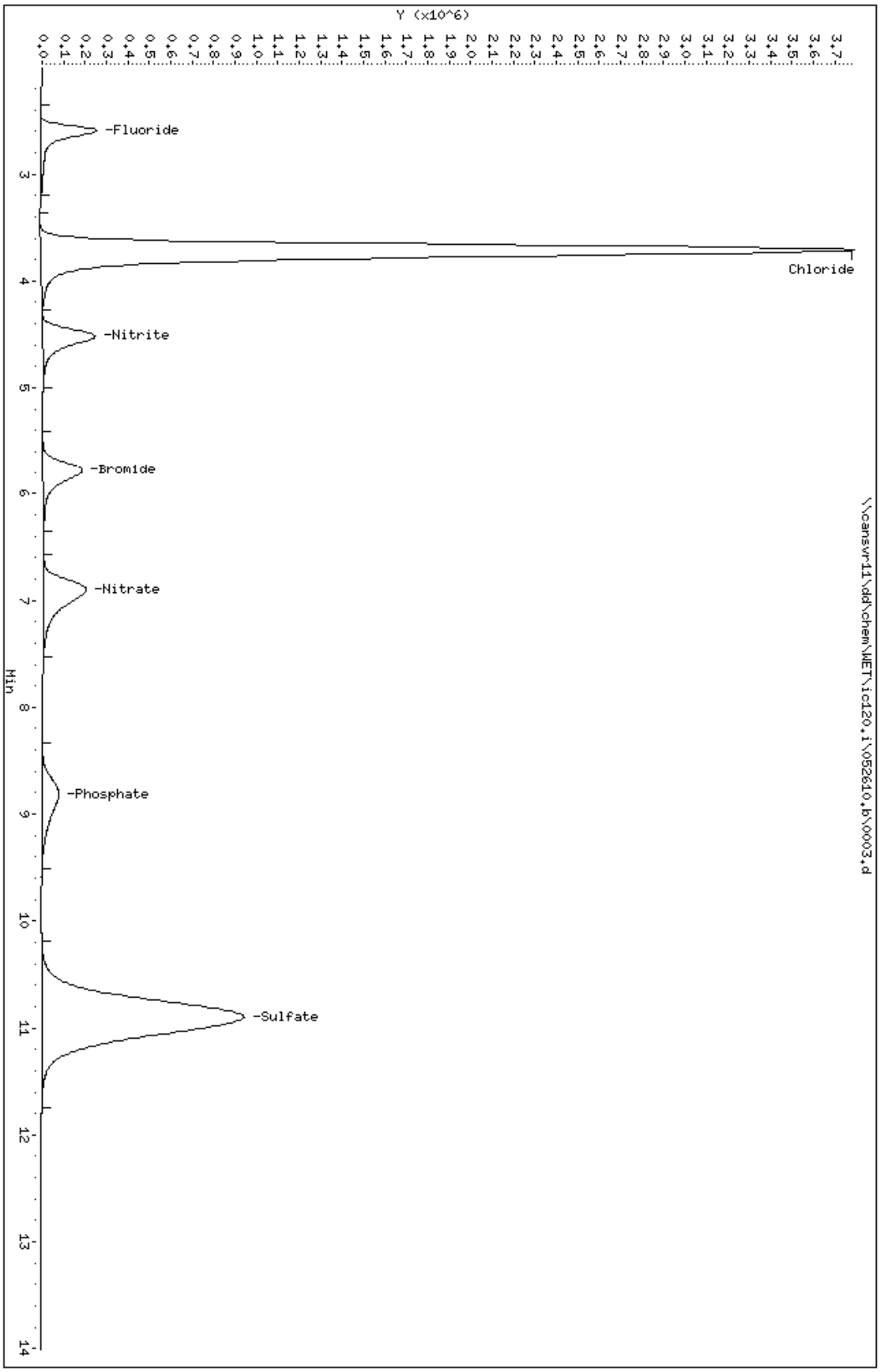
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	2233642	0.25000	0.2578
2 Chloride	3.708	3.708	0.000	31464426	5.00000	4.991
3 Nitrite	4.516	4.516	0.000	2859529	0.25000	0.2561
4 Bromide	5.783	5.783	0.000	2531355	1.00000	1.042
5 Nitrate	6.900	6.900	0.000	3407582	0.25000	0.2548
6 Phosphate	8.816	8.816	0.000	2090803	0.25000	0.2500
7 Sulfate	10.900	10.900	0.000	22590223	5.00000	4.896

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0003.d
Date : 26-MAY-2010 13:30
Client ID:
Sample Info: IC0214
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0004.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0004.d
Lab Smp Id: IC0213
Inj Date : 26-MAY-2010 13:46
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0213
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 13:46 Cal File: 0004.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

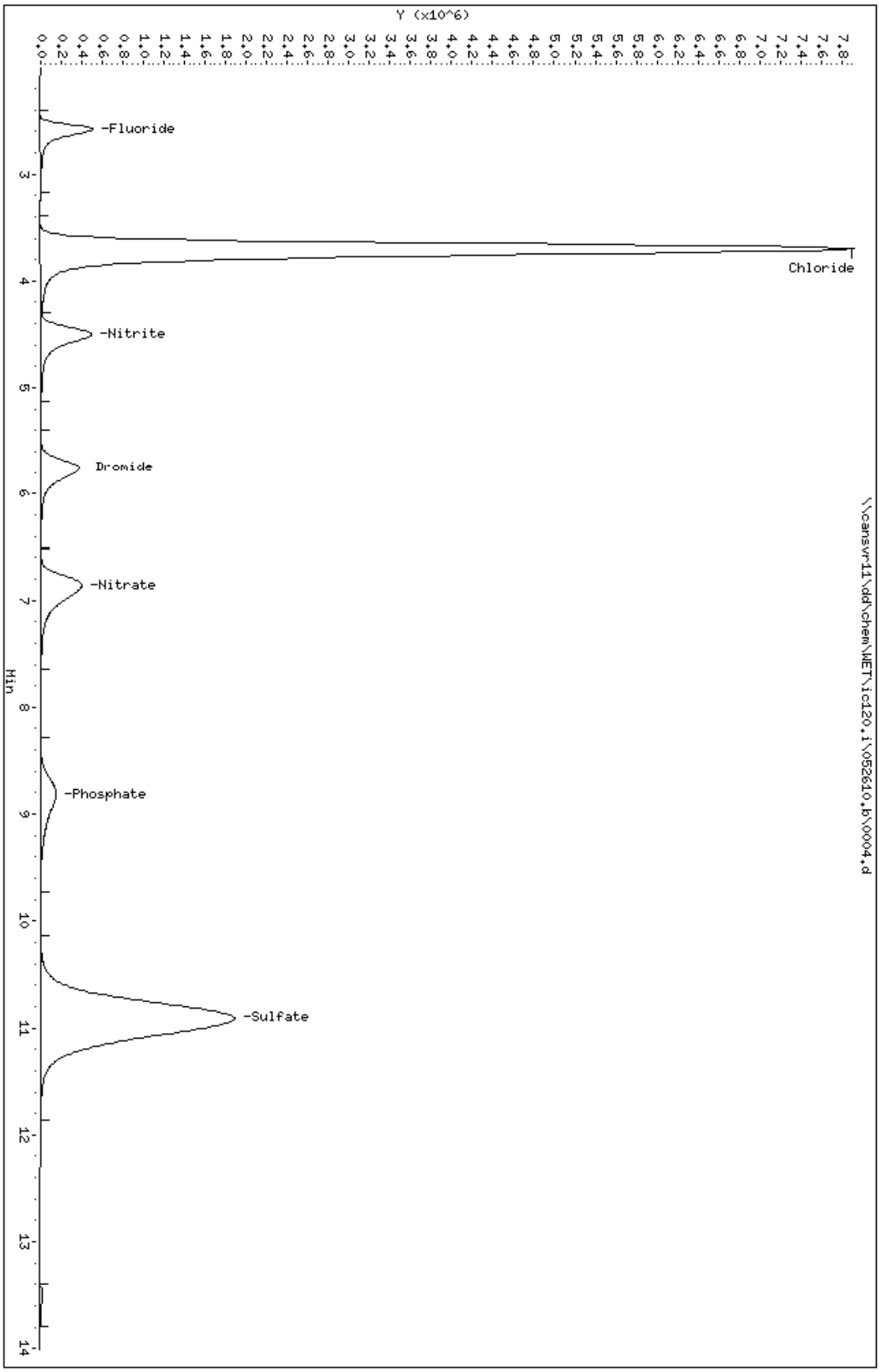
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.583	2.583	0.000	4293949	0.50000	0.4971
2 Chloride	3.700	3.700	0.000	64636400	10.0000	10.17
3 Nitrite	4.500	4.500	0.000	5863553	0.50000	0.5165
4 Bromide	5.758	5.758	0.000	5195397	2.00000	2.090
5 Nitrate	6.866	6.866	0.000	6895342	0.50000	0.5103
6 Phosphate	8.816	8.816	0.000	4105919	0.50000	0.4922
7 Sulfate	10.908	10.908	0.000	45341223	10.0000	9.883

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0004.d
Date : 26-MAY-2010 13:46
Client ID:
Sample Info: IC0213
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0005.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

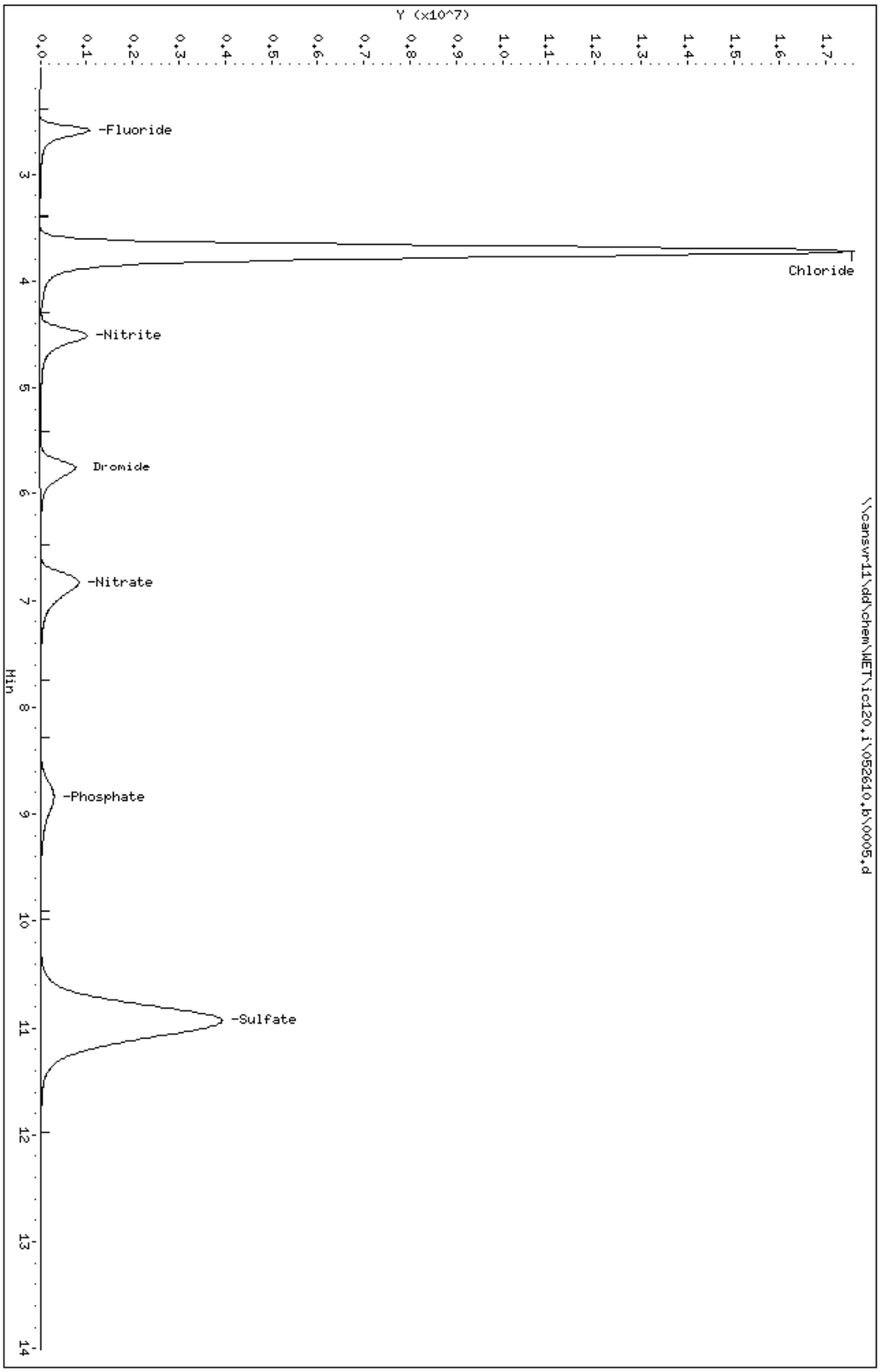
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0005.d
Lab Smp Id: IC0212
Inj Date : 26-MAY-2010 14:02
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0212
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 14:02 Cal File: 0005.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	9102464	1.00000	1.040
2 Chloride	3.725	3.725	0.000	140859181	20.0000	21.58
3 Nitrite	4.508	4.508	0.000	12829850	1.00000	1.094
4 Bromide	5.758	5.758	0.000	10904536	4.00000	4.283
5 Nitrate	6.833	6.833	0.000	14456457	1.00000	1.051
6 Phosphate	8.841	8.841	0.000	7552373	1.00000	0.9761
7 Sulfate	10.933	10.933	0.000	93069587	20.0000	20.21


Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0005.d
Date : 26-MAY-2010 14:02
Client ID:
Sample Info: IC0212
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\052610,b\0005.d
Y (x10^7)
1.7
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-Fluoride
Chloride
-Nitrite
Bromide
-Nitrate
-Phosphate
-Sulfate
Min
3
4
5
6
7
8
9
10
11
12
13
14

Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d
Lab Smp Id: IC0211
Inj Date : 26-MAY-2010 14:19
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0211
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 14:19 Cal File: 0006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

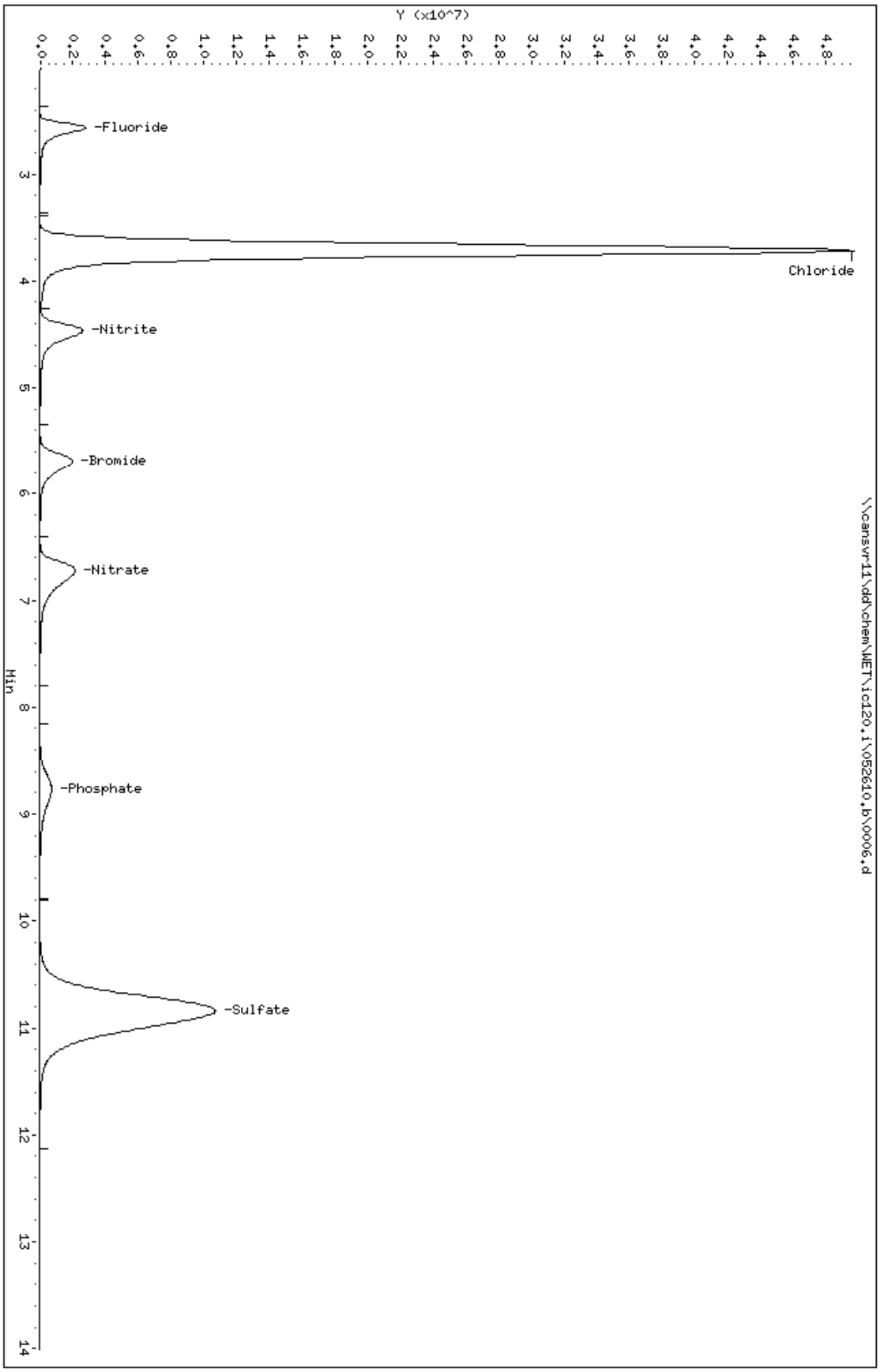
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.566	2.566	0.000	22853743	2.50000	2.588
2 Chloride	3.716	3.716	0.000	398845483	50.0000	58.50
3 Nitrite	4.466	4.466	0.000	31758639	2.50000	2.665
4 Bromide	5.691	5.691	0.000	27047424	10.0000	10.49
5 Nitrate	6.725	6.725	0.000	36993193	2.50000	2.650
6 Phosphate	8.766	8.766	0.000	17448936	2.50000	2.467
7 Sulfate	10.841	10.841	0.000	249389053	50.0000	53.28

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0006.d
Date : 26-MAY-2010 14:19
Client ID:
Sample Info: IC0211
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0007.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0007.d
Lab Smp Id: IC0210
Inj Date : 26-MAY-2010 14:35
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0210
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 14:35 Cal File: 0007.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

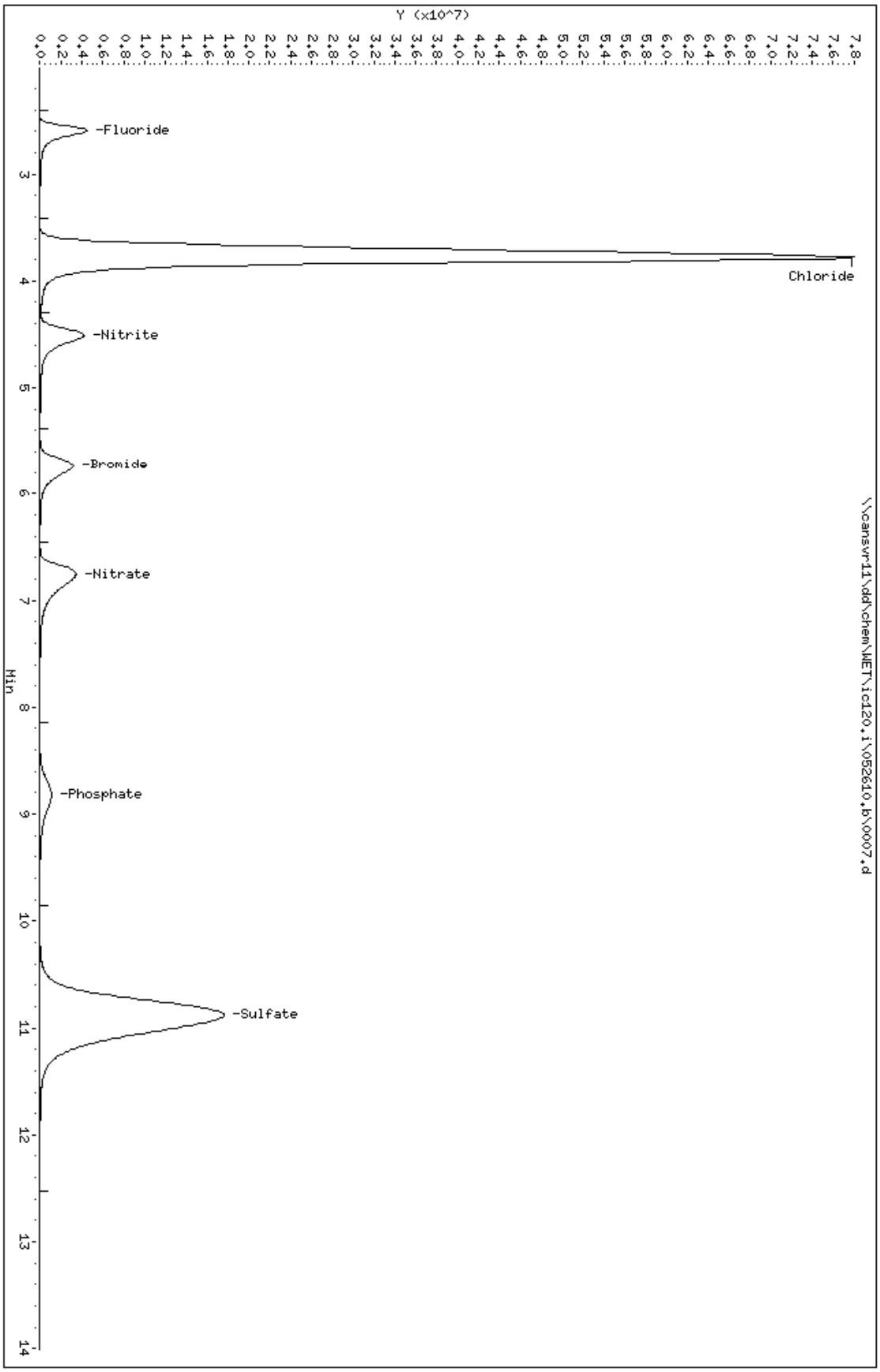
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	36712849	4.00000	4.130
2 Chloride	3.775	3.775	0.000	666915052	80.0000	94.31
3 Nitrite	4.508	4.508	0.000	51463613	4.00000	4.262
4 Bromide	5.733	5.733	0.000	44005402	16.0000	16.88
5 Nitrate	6.758	6.758	0.000	60719899	4.00000	4.288
6 Phosphate	8.816	8.816	0.000	27632129	4.00000	3.981
7 Sulfate	10.875	10.875	0.000	409671111	80.0000	86.17

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0007.d
Date : 26-MAY-2010 14:35
Client ID:
Sample Info: IC0210
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Lab Smp Id: IC0209
Inj Date : 26-MAY-2010 14:52
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0209
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 14:52 Cal File: 0008.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

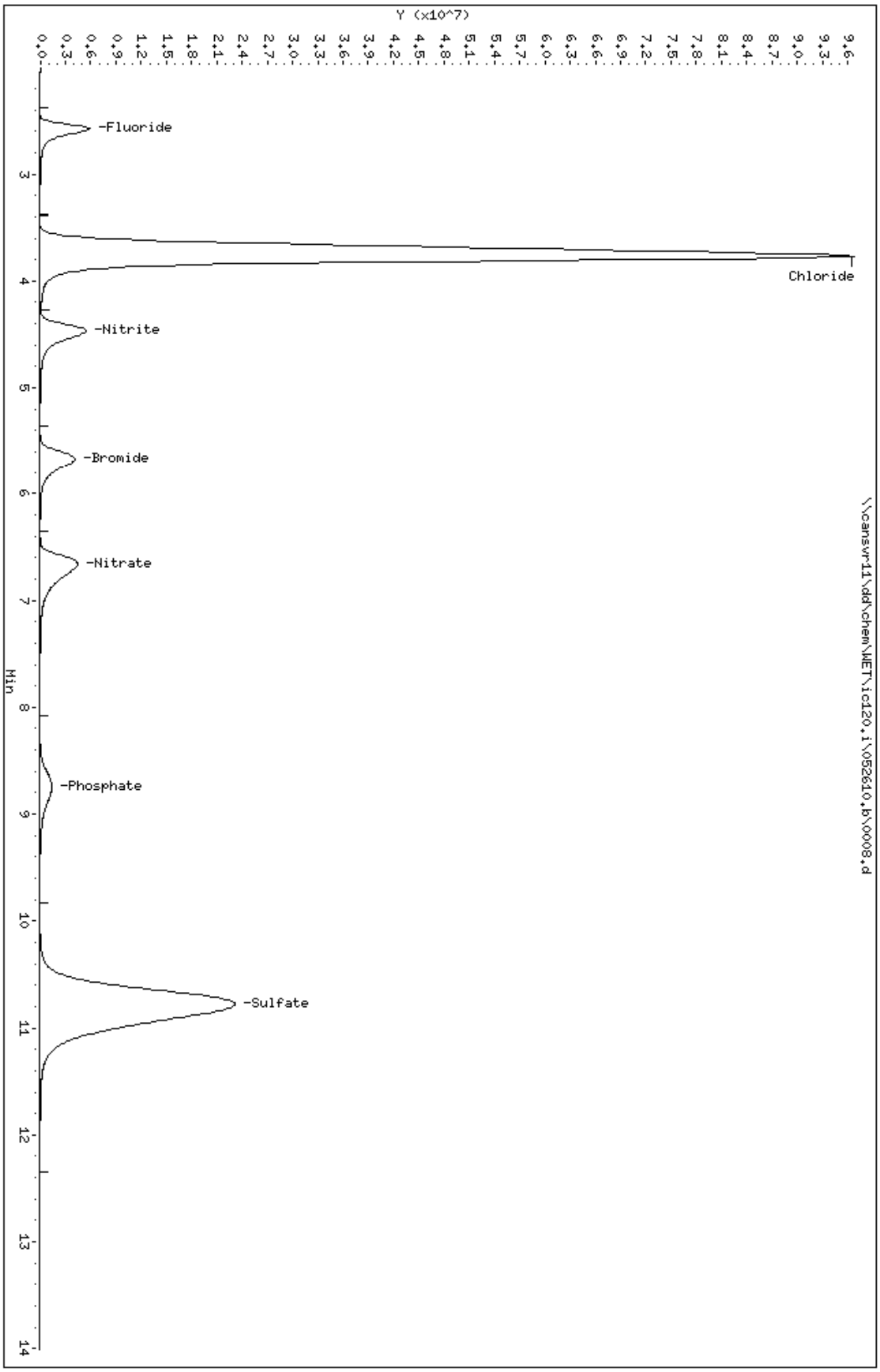
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.575	2.575	0.000	46813052	5.00000	5.226
2 Chloride	3.766	3.766	0.000	858716058	100.000	117.8
3 Nitrite	4.466	4.466	0.000	64794424	5.00000	5.310
4 Bromide	5.666	5.666	0.000	55453007	20.0000	21.08
5 Nitrate	6.658	6.658	0.000	77929818	5.00000	5.425
6 Phosphate	8.741	8.741	0.000	35283864	5.00000	5.042
7 Sulfate	10.775	10.775	0.000	533672856	100.000	110.3

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0008.d
Date : 26-MAY-2010 14:52
Client ID:
Sample Info: IC0209
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0009.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0009.d
Lab Smp Id: IC0208
Inj Date : 26-MAY-2010 15:08
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0208
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 15:08 Cal File: 0009.d
Als bottle: 1 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

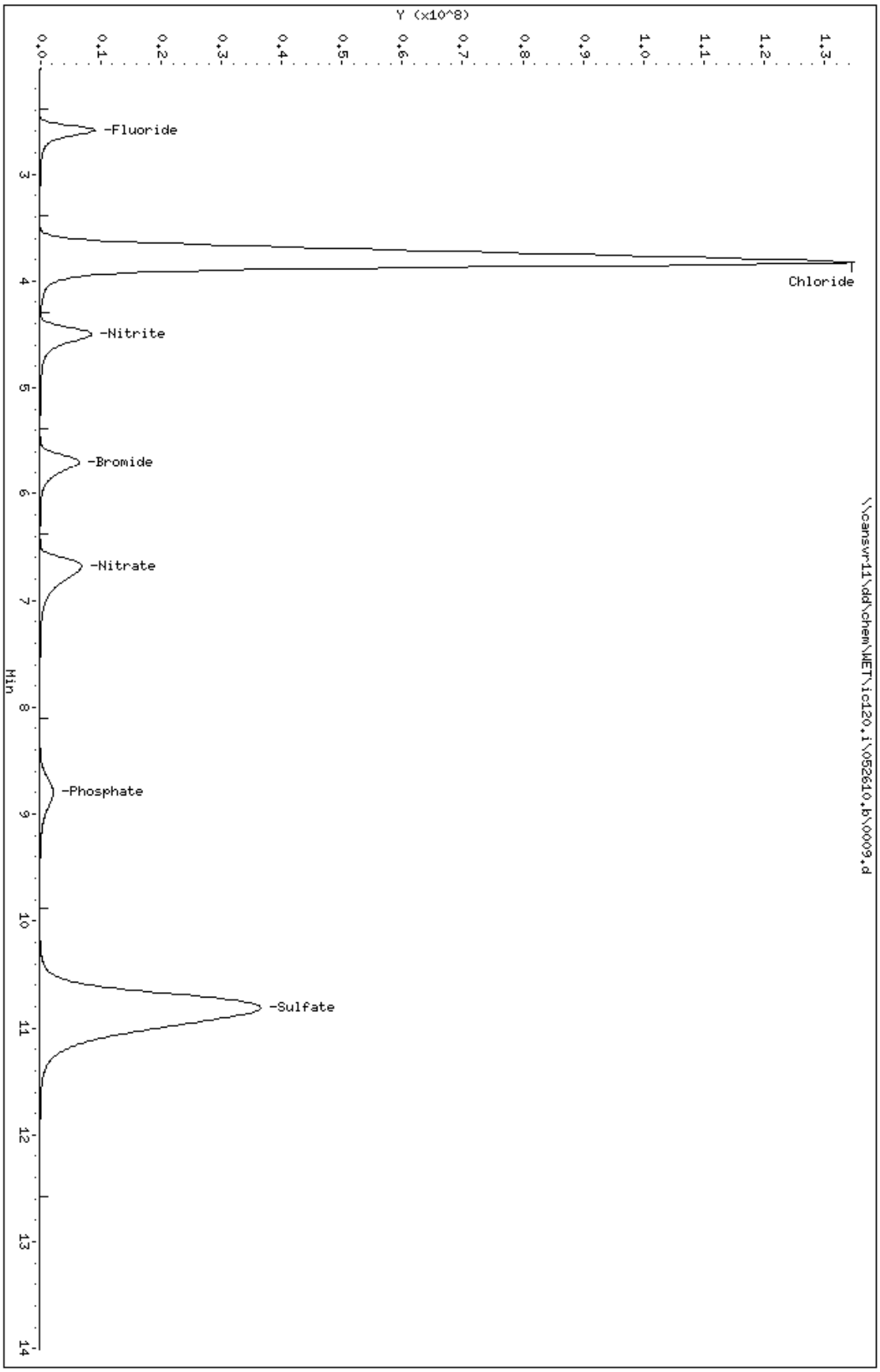
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	72734492	7.50000	8.037
2 Chloride	3.825	3.825	0.000	1348451539	150.000	179.8
3 Nitrite	4.500	4.500	0.000	101472526	7.50000	8.204
4 Bromide	5.700	5.700	0.000	87098820	30.0000	32.69
5 Nitrate	6.683	6.683	0.000	122161267	7.50000	8.364
6 Phosphate	8.791	8.791	0.000	53455160	7.50000	7.562
7 Sulfate	10.808	10.808	0.000	856885568	150.000	173.2

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0009.d
Date : 26-MAY-2010 15:08
Client ID:
Sample Info: IC0208
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0010.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0010.d
Lab Smp Id: IC0207
Inj Date : 26-MAY-2010 15:24
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0207
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 15:24 Cal File: 0010.d
Als bottle: 1 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

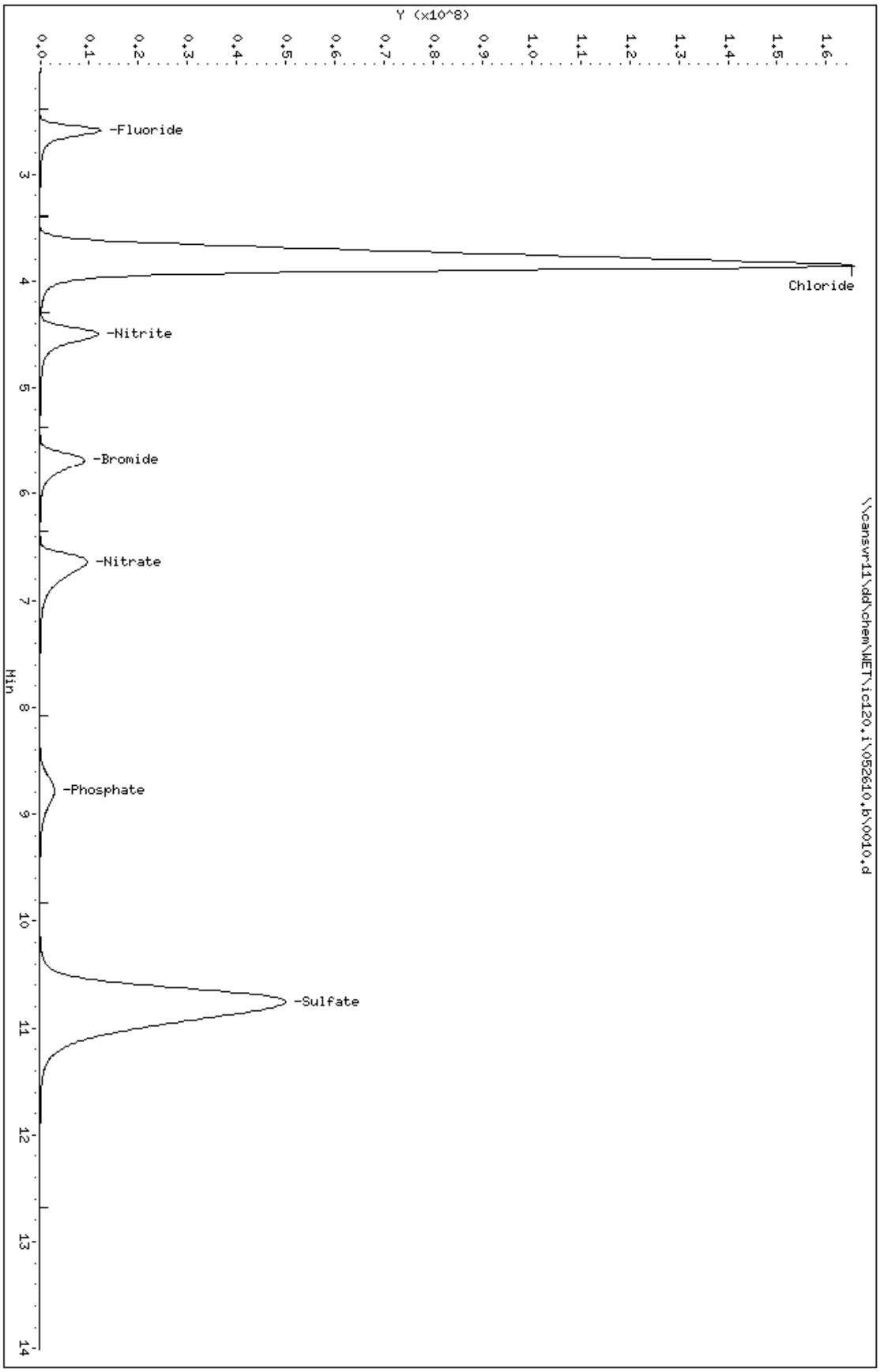
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	99207057	10.0000	10.85(A)
2 Chloride	3.858	3.858	0.000	1836823320	200.000	238.9(A)
3 Nitrite	4.500	4.500	0.000	137051539	10.0000	10.95(A)
4 Bromide	5.675	5.675	0.000	117975469	40.0000	43.76(A)
5 Nitrate	6.641	6.641	0.000	165308307	10.0000	11.15(A)
6 Phosphate	8.783	8.783	0.000	69994377	10.0000	9.957
7 Sulfate	10.758	10.758	0.000	1181236549	200.000	233.8(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0010.d
Date : 26-MAY-2010 15:24
Client ID:
Sample Info: IC0207
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0001.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

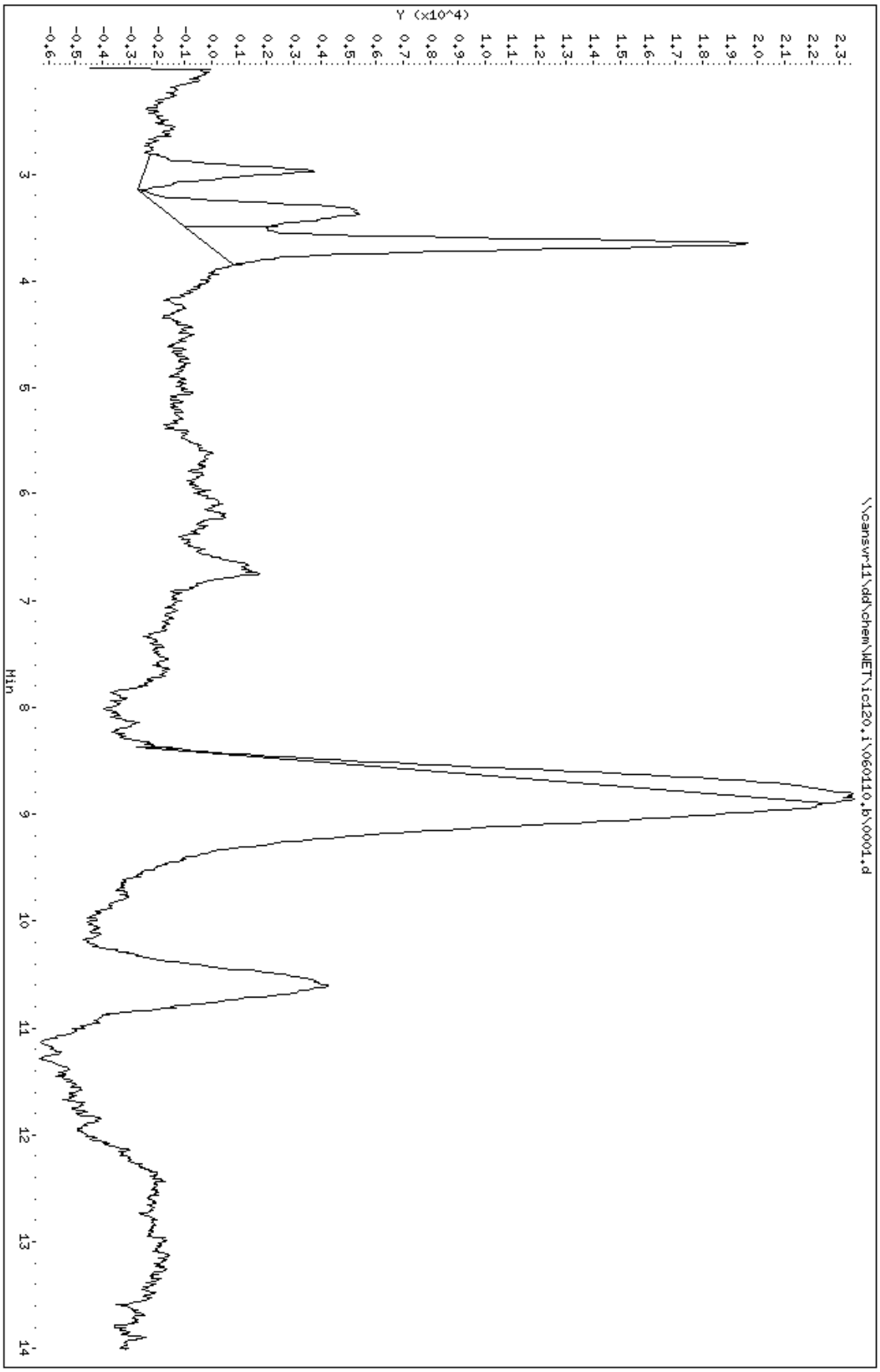
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0001.d
Lab Smp Id: RINSE
Inj Date : 01-JUN-2010 16:29
Operator : 001754 Inst ID: ic120.i
Smp Info : RINSE
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:27 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0001.d
Date : 01-JUN-2010 16:29
Client ID:
Sample Info: RINSE
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120.i\060110.b\0001.d
Y (x10^4)
Min

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0002.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 01-JUN-2010 16:45
Lab File ID: 0002.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	9007182	9007182	0.010	1.52063	10.00000	Averaged
2 Chloride	7687643	8063515	8063515	0.010	-4.88930	10.00000	Averaged
3 Nitrite	12516496	12338204	12338204	0.010	1.42446	10.00000	Averaged
4 Bromide	2695983	2588428	2588428	0.010	3.98945	10.00000	Averaged
5 Nitrate	14819560	14650360	14650360	0.010	1.14174	10.00000	Averaged
6 Phosphate	2.50000	2.70245	7697270	0.010	-8.09803	10.00000	Linear
7 Sulfate	5053378	4869184	4869184	0.010	3.64497	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0002.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0002.d
Lab Smp Id: CCV
Inj Date : 01-JUN-2010 16:45
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

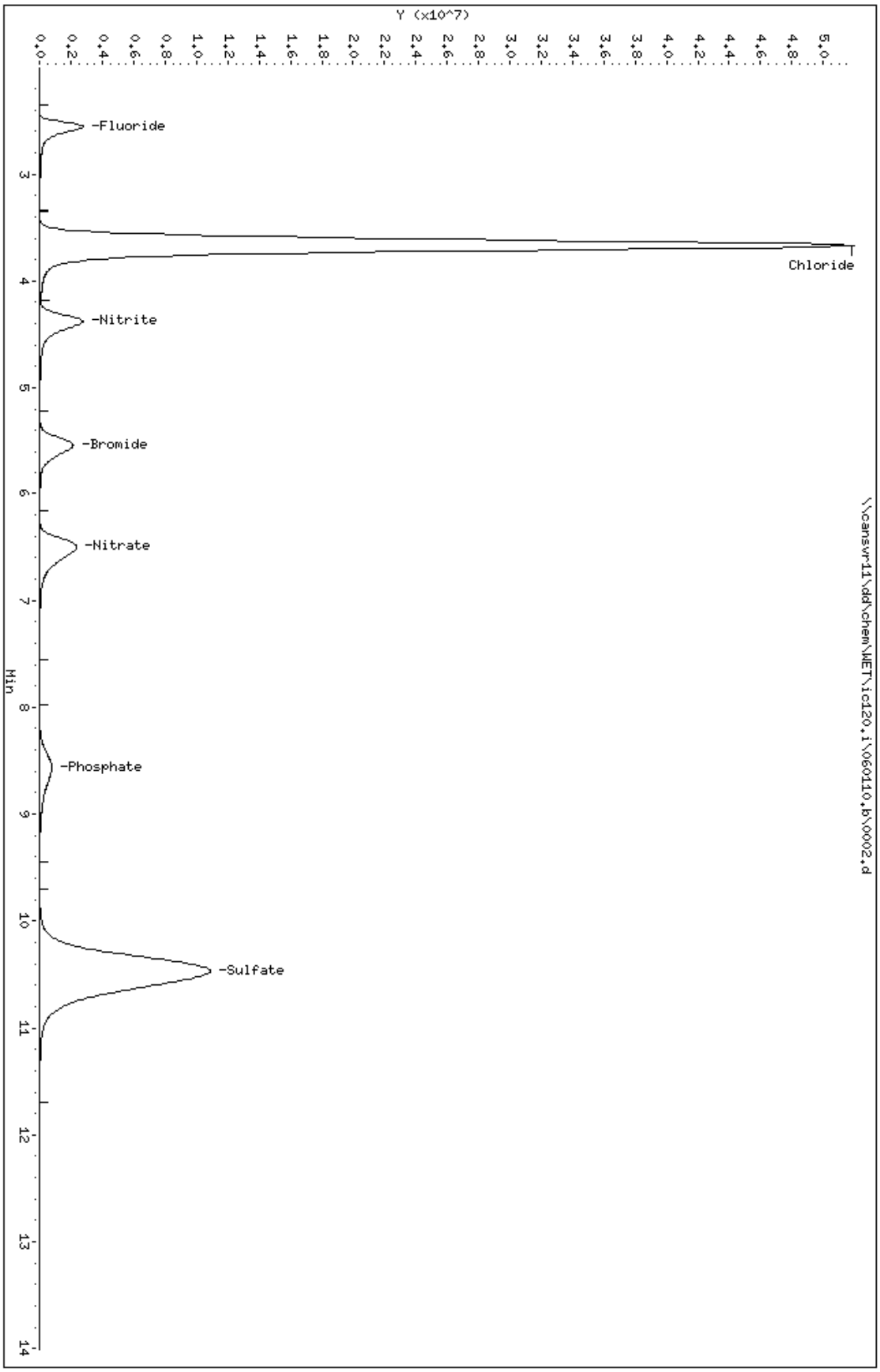
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

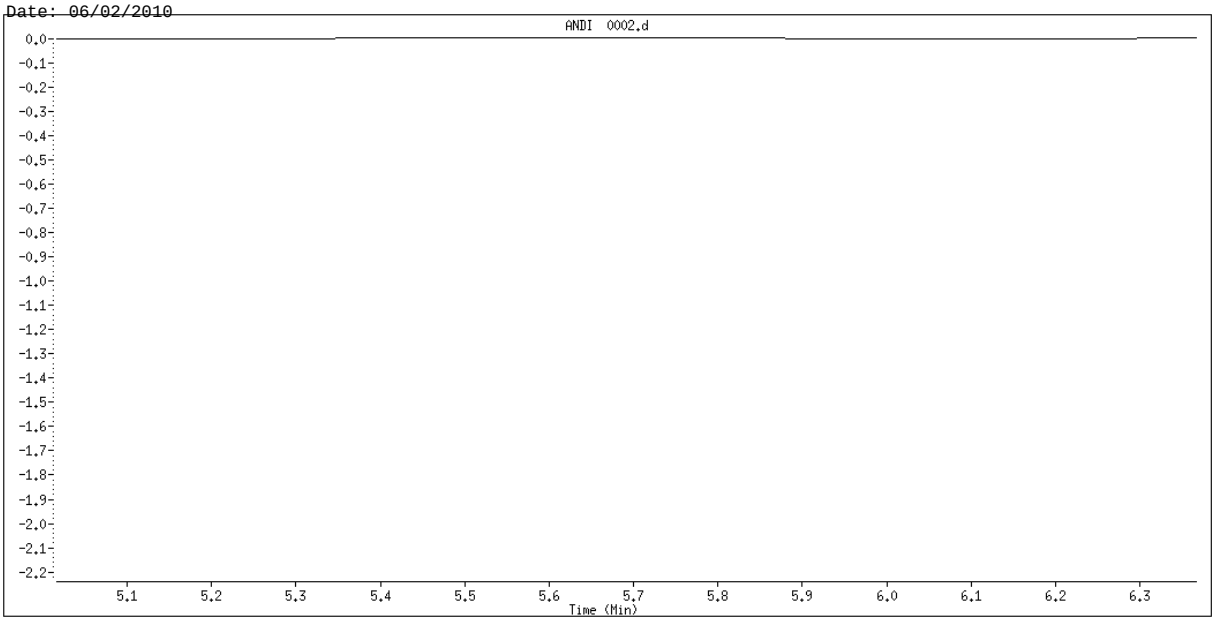
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.558	2.558	0.000	22517955	2.50000	2.462
2 Chloride	3.666	3.666	0.000	403175729	50.0000	52.44
3 Nitrite	4.375	4.375	0.000	30845509	2.50000	2.464
4 Bromide	5.533	5.533	0.000	25884278	10.0000	9.601
5 Nitrate	6.500	6.500	0.000	36625899	2.50000	2.471
6 Phosphate	8.566	8.566	0.000	19243176	2.50000	2.702
7 Sulfate	10.466	10.466	0.000	243459184	50.0000	48.18

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0002.d
Date : 01-JUN-2010 16:45
Client ID:
Sample Info: CCV,,2
Purge Volume: 1.0
Column phase: AS14

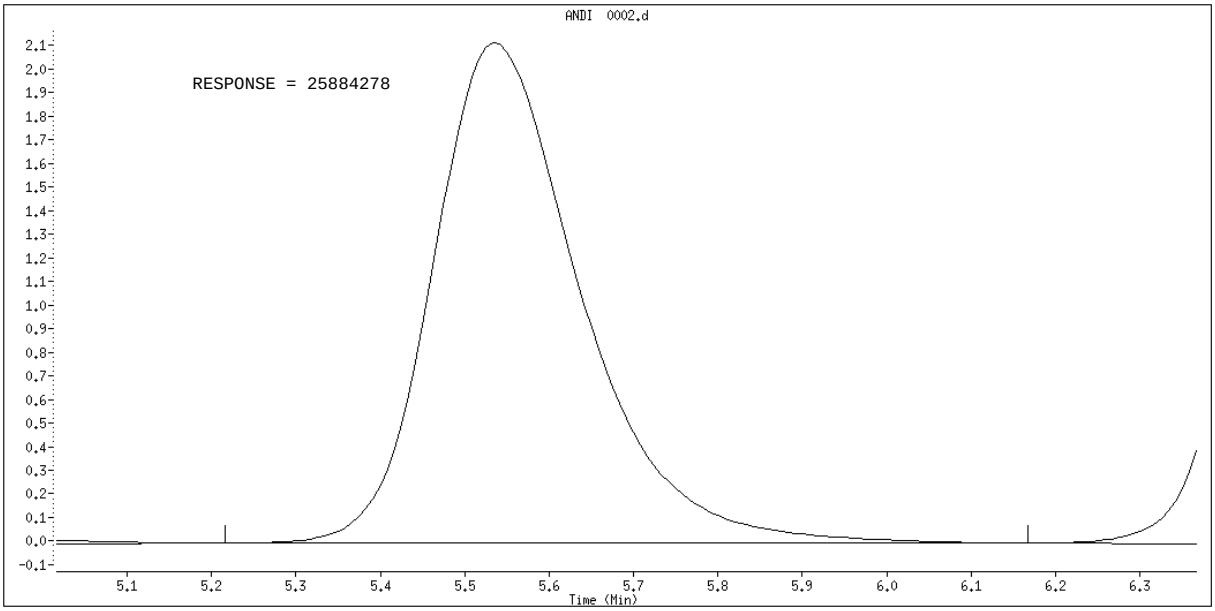
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0002.d
Inj. Date and Time: 01-JUN-2010 16:45
Instrument ID: ic120.i
Client ID:
Compound Name: Bromide
CAS #: Q85
Report Date: 06/02/2010



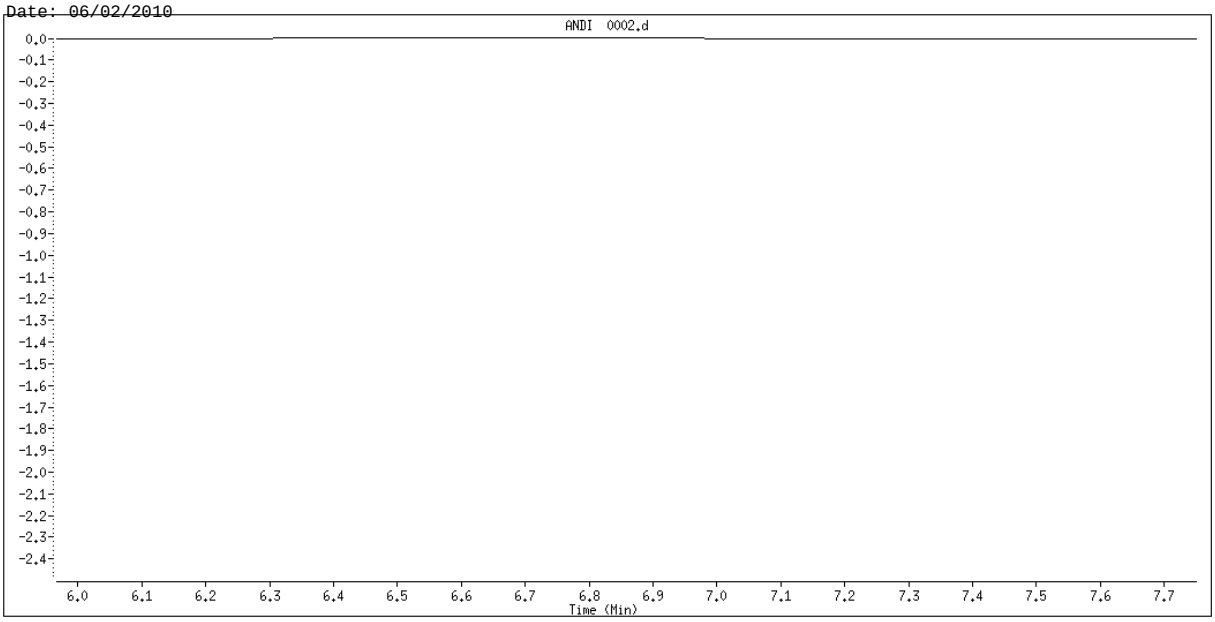
Original Integration



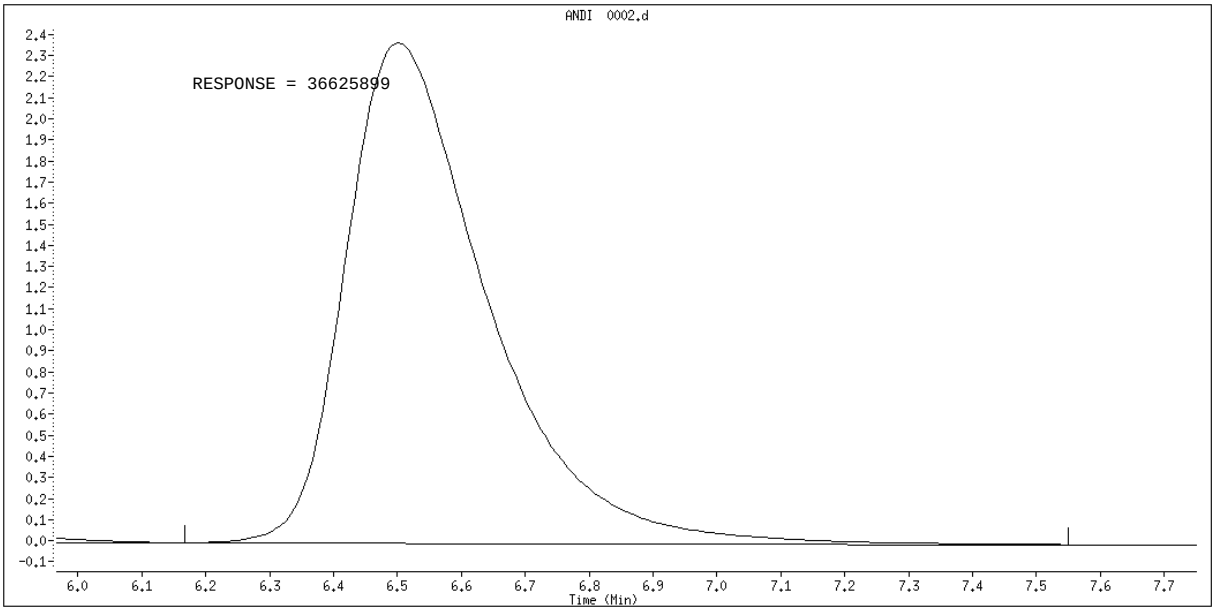
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Manually Assigned

Data File Name: 0002.d
Inj. Date and Time: 01-JUN-2010 16:45
Instrument ID: ic120.i
Client ID:
Compound Name: Nitrate
CAS #: Q479
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0003.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

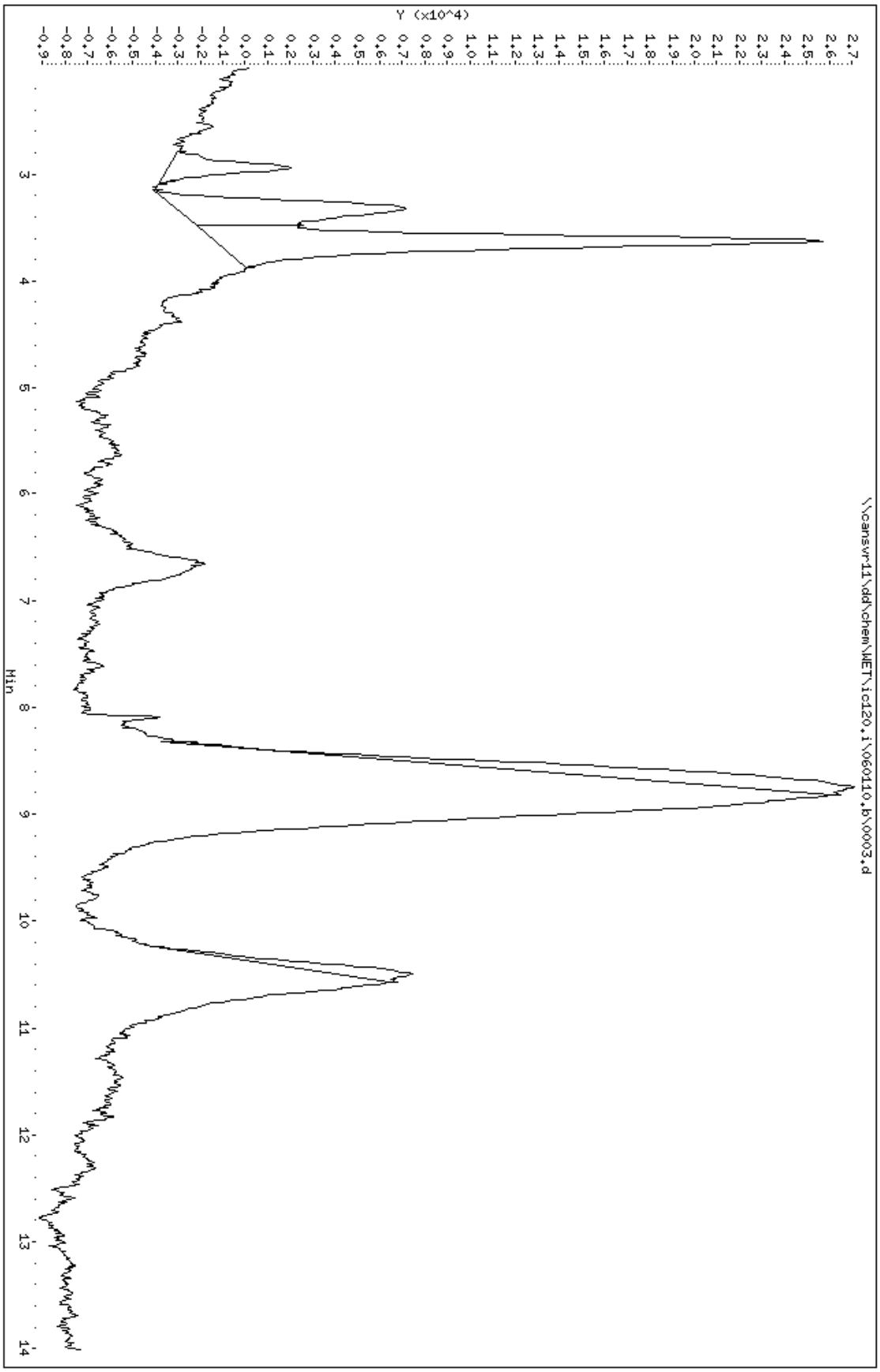
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0003.d
Lab Smp Id: CCB
Inj Date : 01-JUN-2010 17:02
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0003.d
Date : 01-JUN-2010 17:02
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00
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Y (x10^4)
Min

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0004.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0004.d
Lab Smp Id: LCS
Inj Date : 01-JUN-2010 17:18
Operator : 001754 Inst ID: ic120.i
Smp Info : LCS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

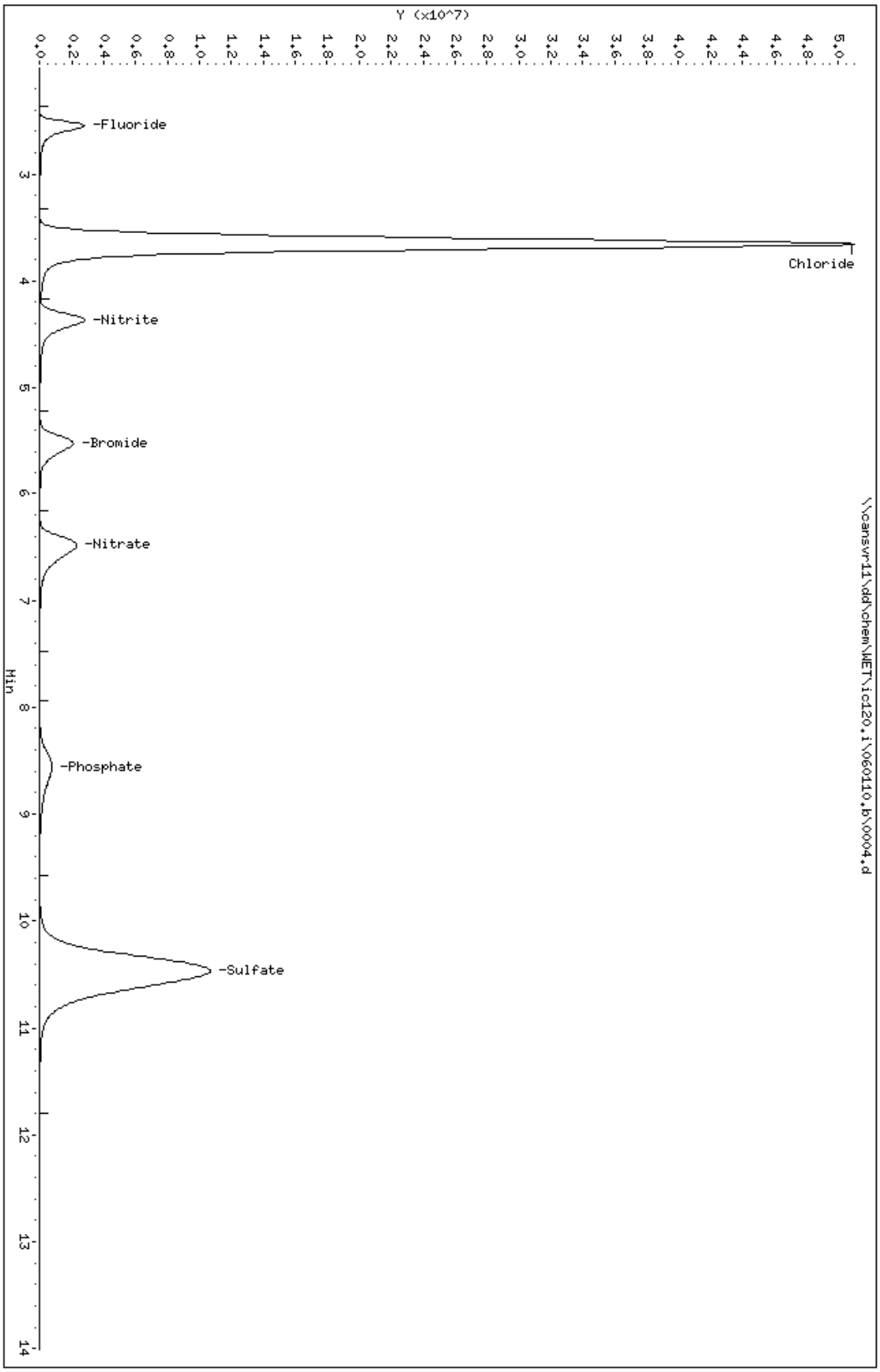
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.550	2.558	-0.008	22101477	2.41645	2.416
2 Chloride	3.658	3.666	-0.008	393509950	51.1873	51.19
3 Nitrite	4.366	4.375	-0.009	31891540	2.54796	2.548
4 Bromide	5.516	5.533	-0.017	26293742	9.75293	9.753
5 Nitrate	6.483	6.500	-0.017	36284838	2.44844	2.448
6 Phosphate	8.558	8.566	-0.008	19489706	2.73775	2.738
7 Sulfate	10.466	10.466	0.000	240230081	47.5385	47.54

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0004.d
Date : 01-JUN-2010 17:18
Client ID:
Sample Info: LCS,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0005.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0005.d
Lab Smp Id: LCS DUP
Inj Date : 01-JUN-2010 17:35
Operator : 001754 Inst ID: ic120.i
Smp Info : LCS DUP,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

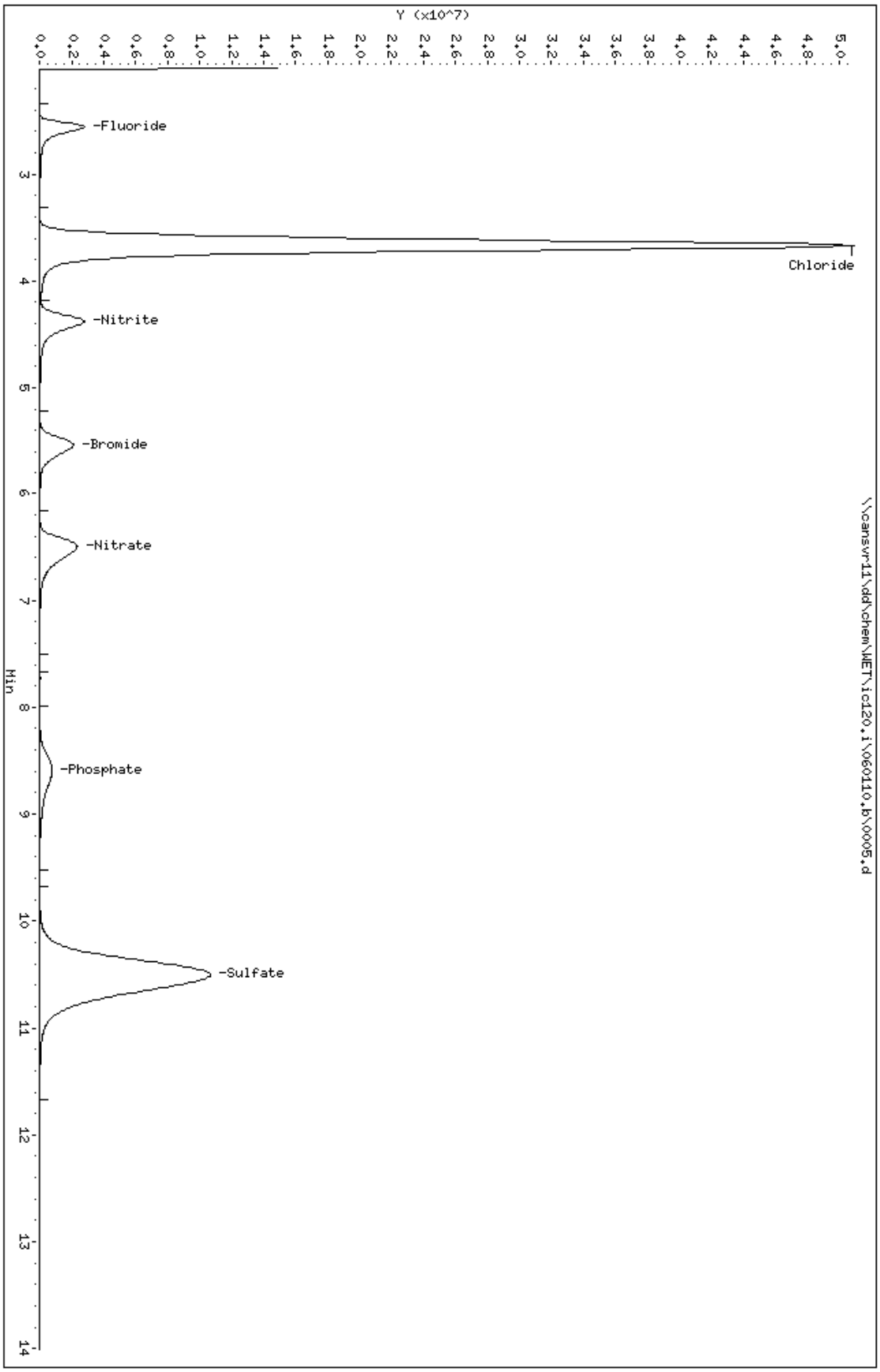
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.558	2.558	0.000	22199501	2.42717	2.427
2 Chloride	3.666	3.666	0.000	393405023	51.1737	51.17
3 Nitrite	4.375	4.375	0.000	31099882	2.48471	2.485
4 Bromide	5.533	5.533	0.000	25512084	9.46300	9.463
5 Nitrate	6.500	6.500	0.000	35876281	2.42087	2.421
6 Phosphate	8.591	8.566	0.025	20013983	2.81282	2.813(R)
7 Sulfate	10.500	10.466	0.034	240026746	47.4983	47.50

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0005.d
Date : 01-JUN-2010 17:35
Client ID:
Sample Info: LCS DUP,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



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Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0006.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0006.d
Lab Smp Id: L179V
Inj Date : 01-JUN-2010 17:51
Operator : 001754 Inst ID: ic120.i
Smp Info : L179V
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

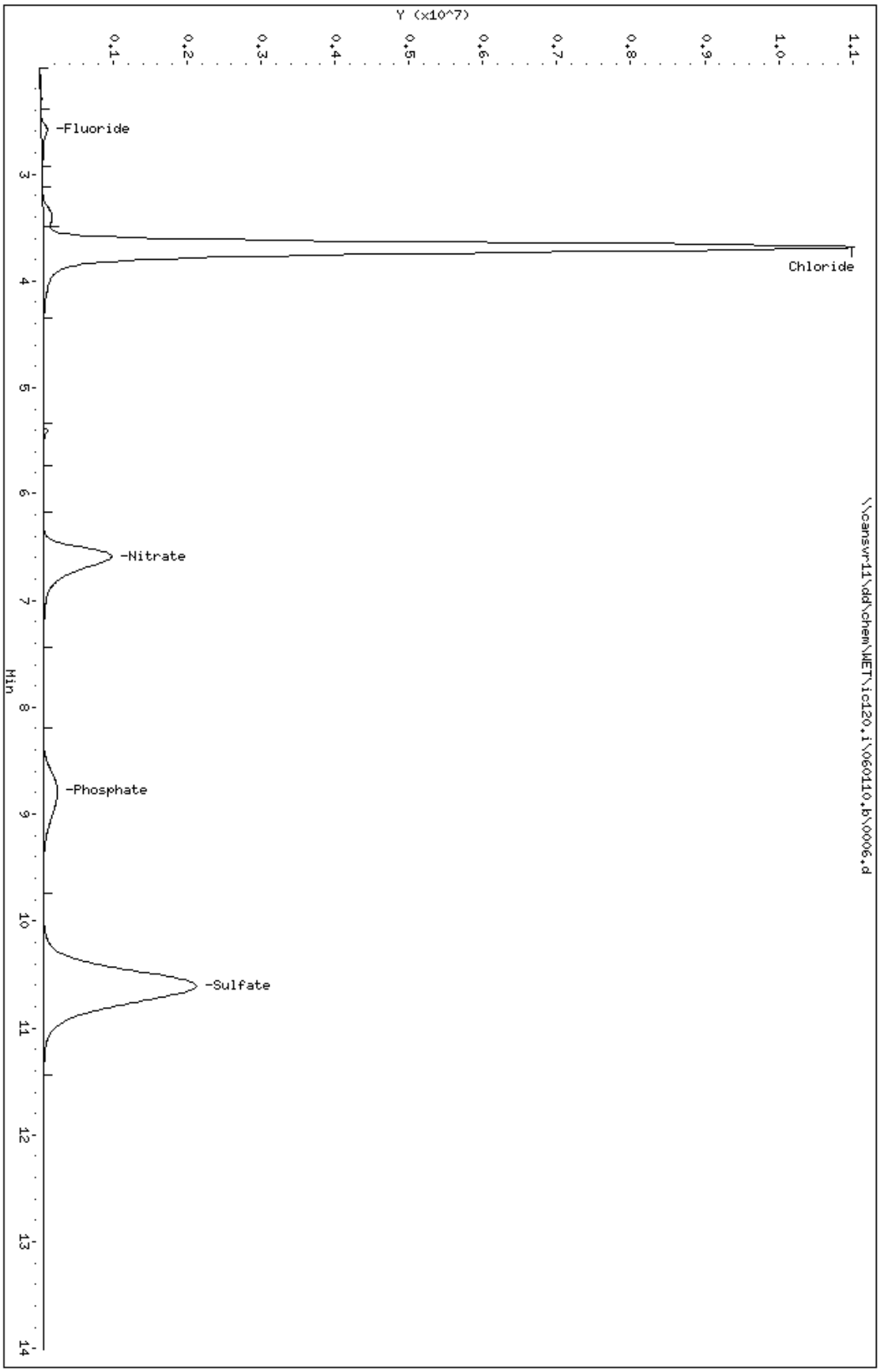
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.583	2.558	0.025	749858	0.08199	0.08198
2 Chloride	3.683	3.666	0.017	81019223	10.5389	10.54
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.591	6.500	0.091	14430742	0.97376	0.9738
6 Phosphate	8.783	8.566	0.217	5958713	0.80028	0.8003
7 Sulfate	10.608	10.466	0.142	47479312	9.39556	9.396

Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0006.d
Date : 01-JUN-2010 17:51
Client ID:
Sample Info: L179V
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0007.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0007.d
Lab Smp Id: L179V MS
Inj Date : 01-JUN-2010 18:07
Operator : 001754 Inst ID: ic120.i
Smp Info : L179V MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

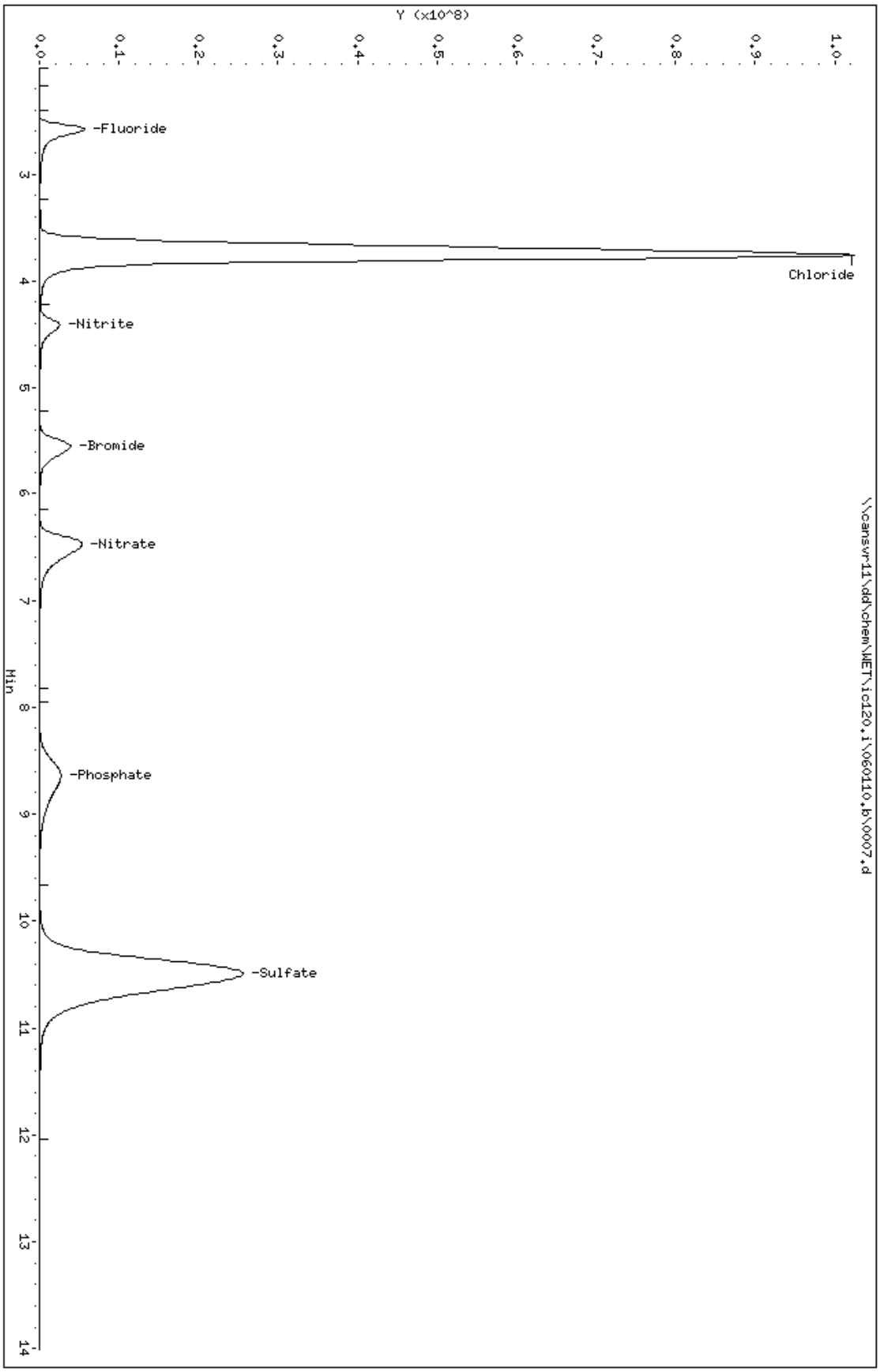
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.583	2.558	0.025	47715302	5.21692	5.217(R)
2 Chloride	3.758	3.666	0.092	856728032	111.442	111.4(R)
3 Nitrite	4.416	4.375	0.041	26955255	2.15358	2.154(R)
4 Bromide	5.550	5.533	0.017	45889934	17.0216	17.02(R)
5 Nitrate	6.475	6.500	-0.025	81176786	5.47768	5.478(R)
6 Phosphate	8.641	8.566	0.075	69551936	9.90606	9.906(R)
7 Sulfate	10.491	10.466	0.025	566550621	112.113	112.1(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0007.d
Date : 01-JUN-2010 18:07
Client ID:
Sample Info: L179V MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0008.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0008.d
Lab Smp Id: L179V MSD
Inj Date : 01-JUN-2010 18:24
Operator : 001754 Inst ID: ic120.i
Smp Info : L179V MSD,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

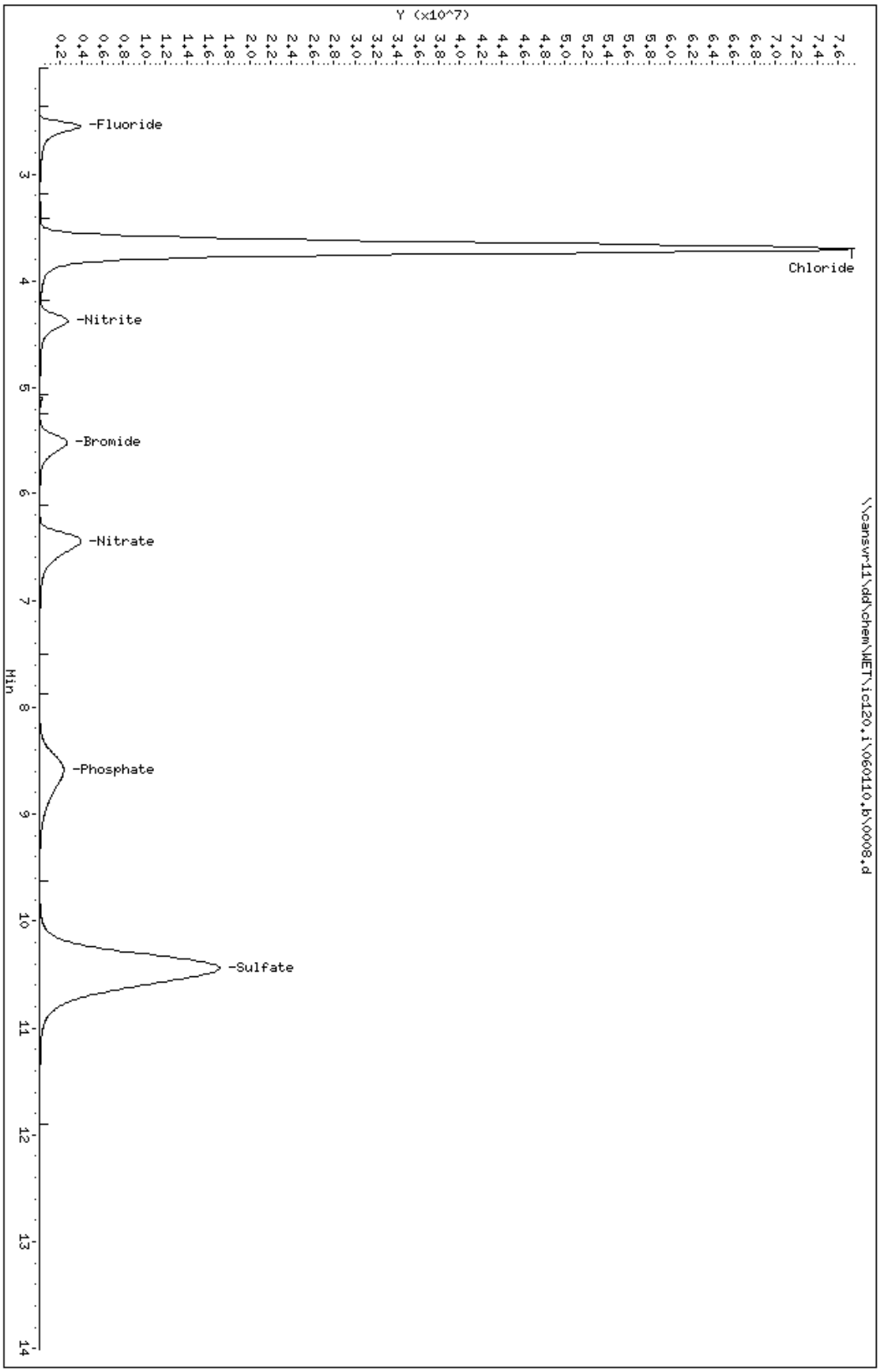
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.550	2.558	-0.008	33719728	3.68672	3.687(R)
2 Chloride	3.700	3.666	0.034	605629973	78.7797	78.78(R)
3 Nitrite	4.375	4.375	0.000	30301766	2.42095	2.421
4 Bromide	5.508	5.533	-0.025	32638543	12.1064	12.11(R)
5 Nitrate	6.450	6.500	-0.050	60332075	4.07111	4.071(R)
6 Phosphate	8.591	8.566	0.025	62482471	8.89380	8.894(R)
7 Sulfate	10.441	10.466	-0.025	378557275	74.9117	74.91(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0008.d
Date : 01-JUN-2010 18:24
Client ID:
Sample Info: L179V MSD,.3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0009.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0009.d
Lab Smp Id: L1796
Inj Date : 01-JUN-2010 18:40
Operator : 001754 Inst ID: ic120.i
Smp Info : L1796
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

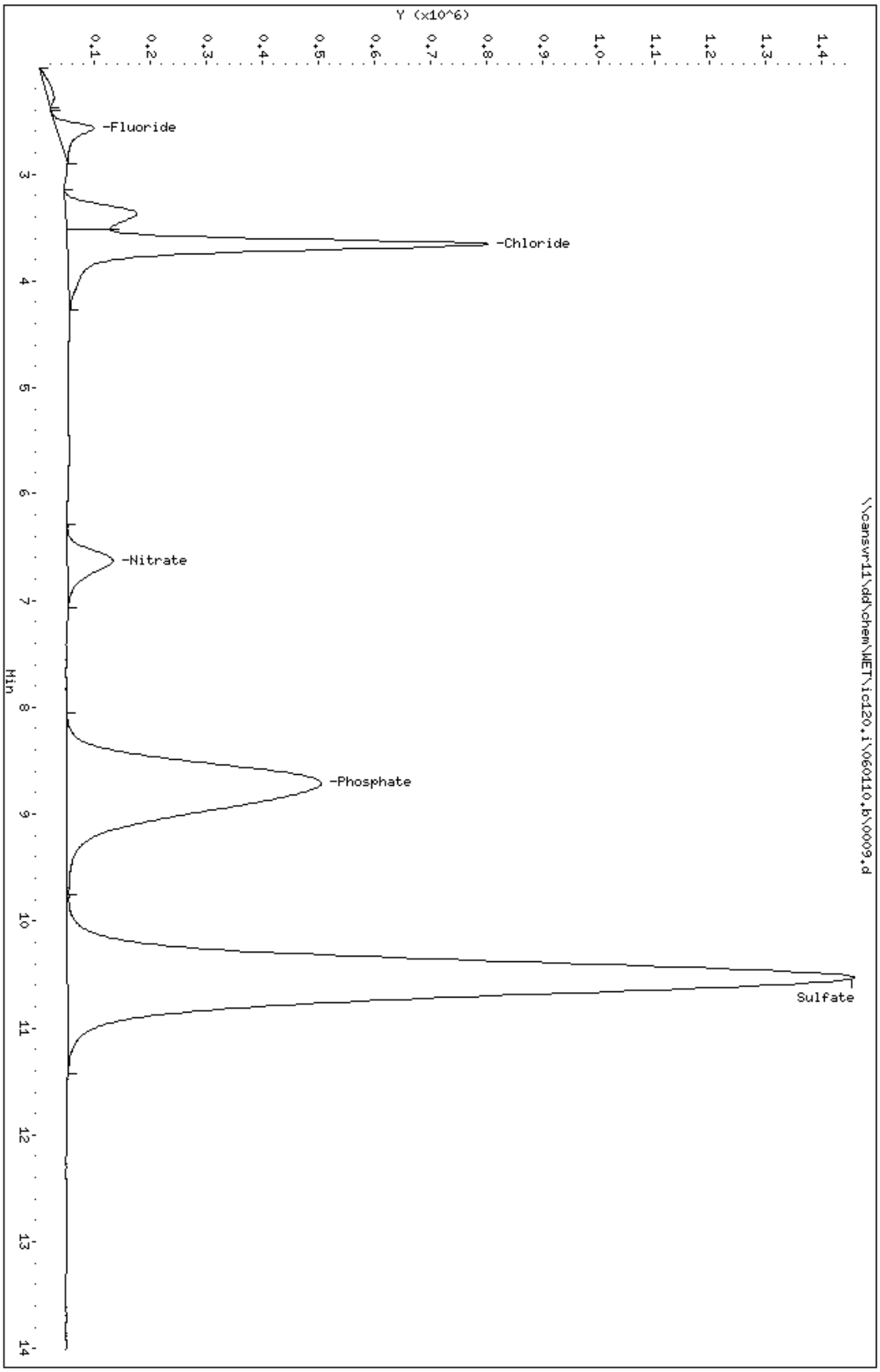
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.558	0.017	647617	0.07081	0.07081
2 Chloride	3.658	3.666	-0.008	6527982	0.84915	0.8492(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.633	6.500	0.133	1256985	0.08482	0.08482(a)
6 Phosphate	8.708	8.566	0.142	14005881	1.95253	1.952
7 Sulfate	10.533	10.466	0.067	32601585	6.45144	6.451

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0009,d
Date : 01-JUN-2010 18:40
Client ID:
Sample Info: L1796
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0010.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0010.d
Lab Smp Id: L1798
Inj Date : 01-JUN-2010 18:57
Operator : 001754 Inst ID: ic120.i
Smp Info : L1798
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

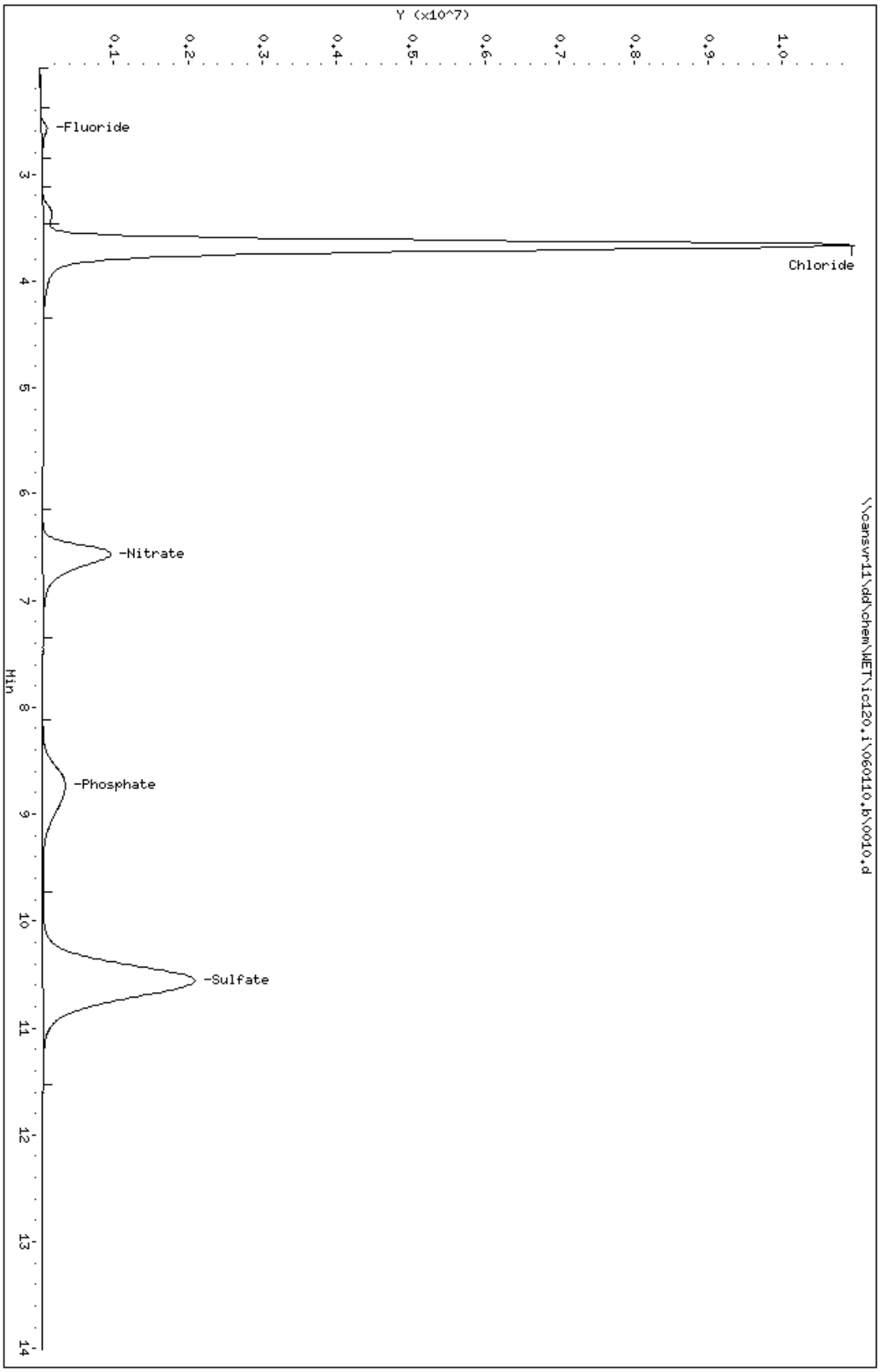
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.558	0.017	636198	0.06956	0.06956
2 Chloride	3.666	3.666	0.000	80628404	10.4881	10.49
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.566	6.500	0.066	14288576	0.96417	0.9642
6 Phosphate	8.733	8.566	0.167	9327758	1.28268	1.283
7 Sulfate	10.558	10.466	0.092	47315965	9.36323	9.363

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0010.d
Date : 01-JUN-2010 18:57
Client ID:
Sample Info: L1798
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0011.d
Report Date: 02-Jun-2010 09:30

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0011.d
Lab Smp Id: L18AA
Inj Date : 01-JUN-2010 19:13
Operator : 001754 Inst ID: ic120.i
Smp Info : L18AA
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

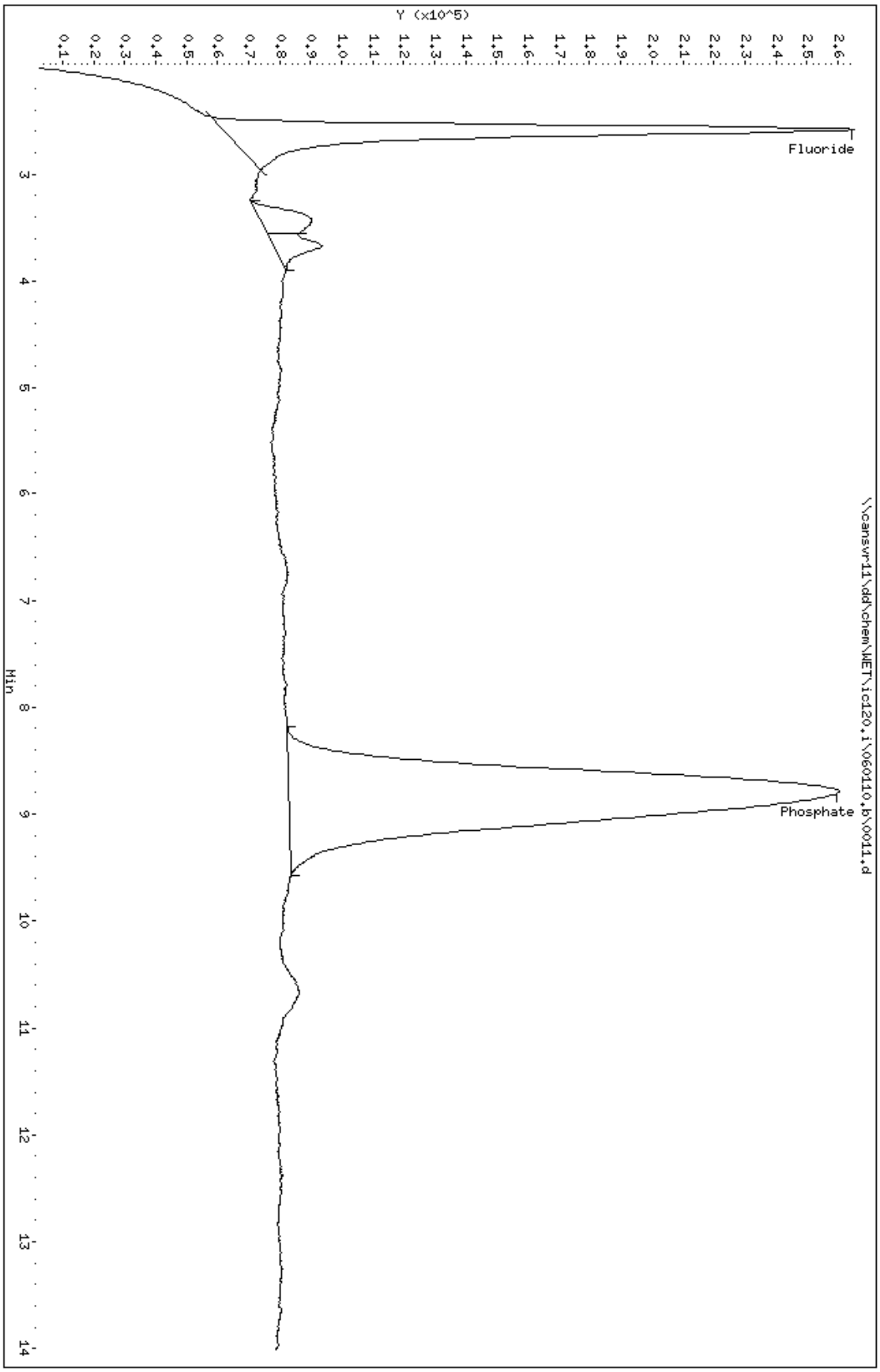
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.583	2.583	0.000	1620262	0.17715	0.1772(M)
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.791	8.625	0.166	5593906	0.74804	0.7480
7 Sulfate	Compound Not Detected.					

QC Flag Legend

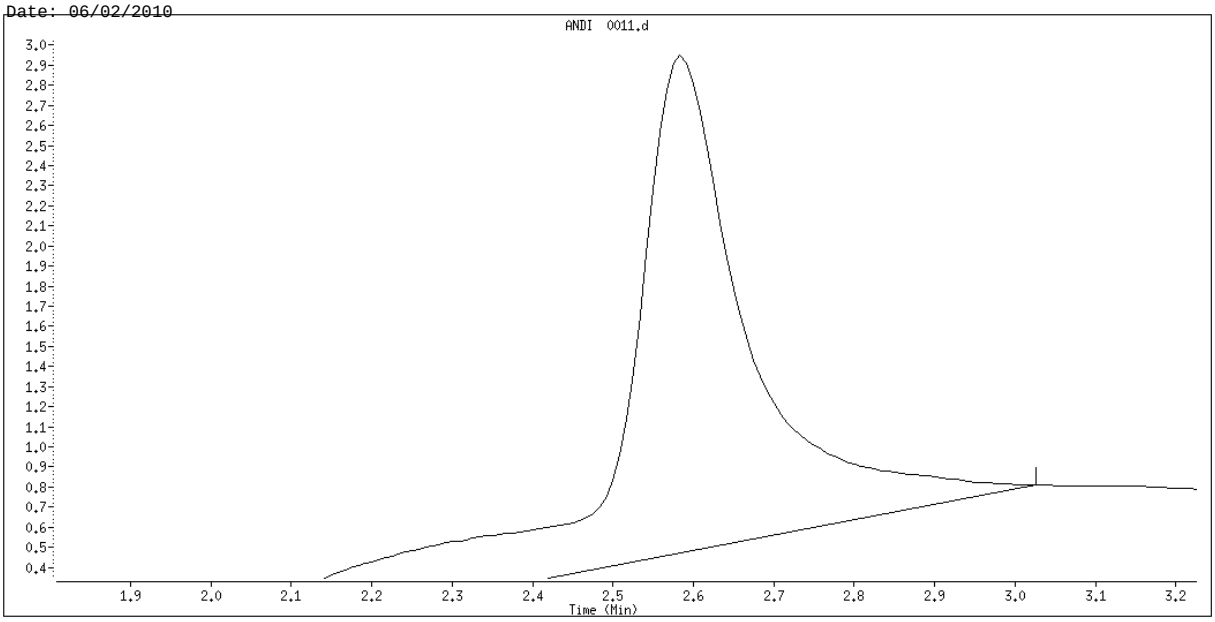
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0011.d
Date : 01-JUN-2010 19:13
Client ID:
Sample Info: L18AA
Purge Volume: 1.0
Column phase: AS14

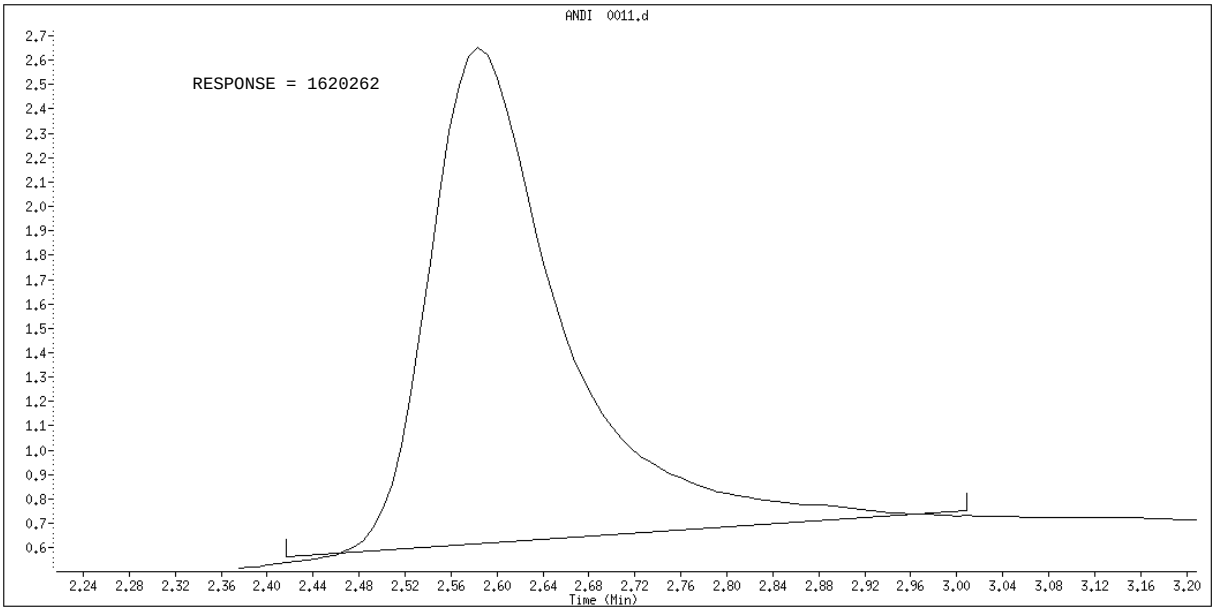
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0011.d
Inj. Date and Time: 01-JUN-2010 19:13
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0012.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 01-JUN-2010 19:29
Lab File ID: 0012.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	9003456	9003456	0.010	1.56137	10.00000	Averaged
2 Chloride	7687643	8074905	8074905	0.010	-5.03747	10.00000	Averaged
3 Nitrite	12516496	12413732	12413732	0.010	0.82102	10.00000	Averaged
4 Bromide	2695983	2593496	2593496	0.010	3.80145	10.00000	Averaged
5 Nitrate	14819560	14634222	14634222	0.010	1.25063	10.00000	Averaged
6 Phosphate	2.50000	2.85667	8128086	0.010	-14.26679	10.00000	Linear <-
7 Sulfate	5053378	4872577	4872577	0.010	3.57782	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0012.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0012.d
Lab Smp Id: CCV
Inj Date : 01-JUN-2010 19:29
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

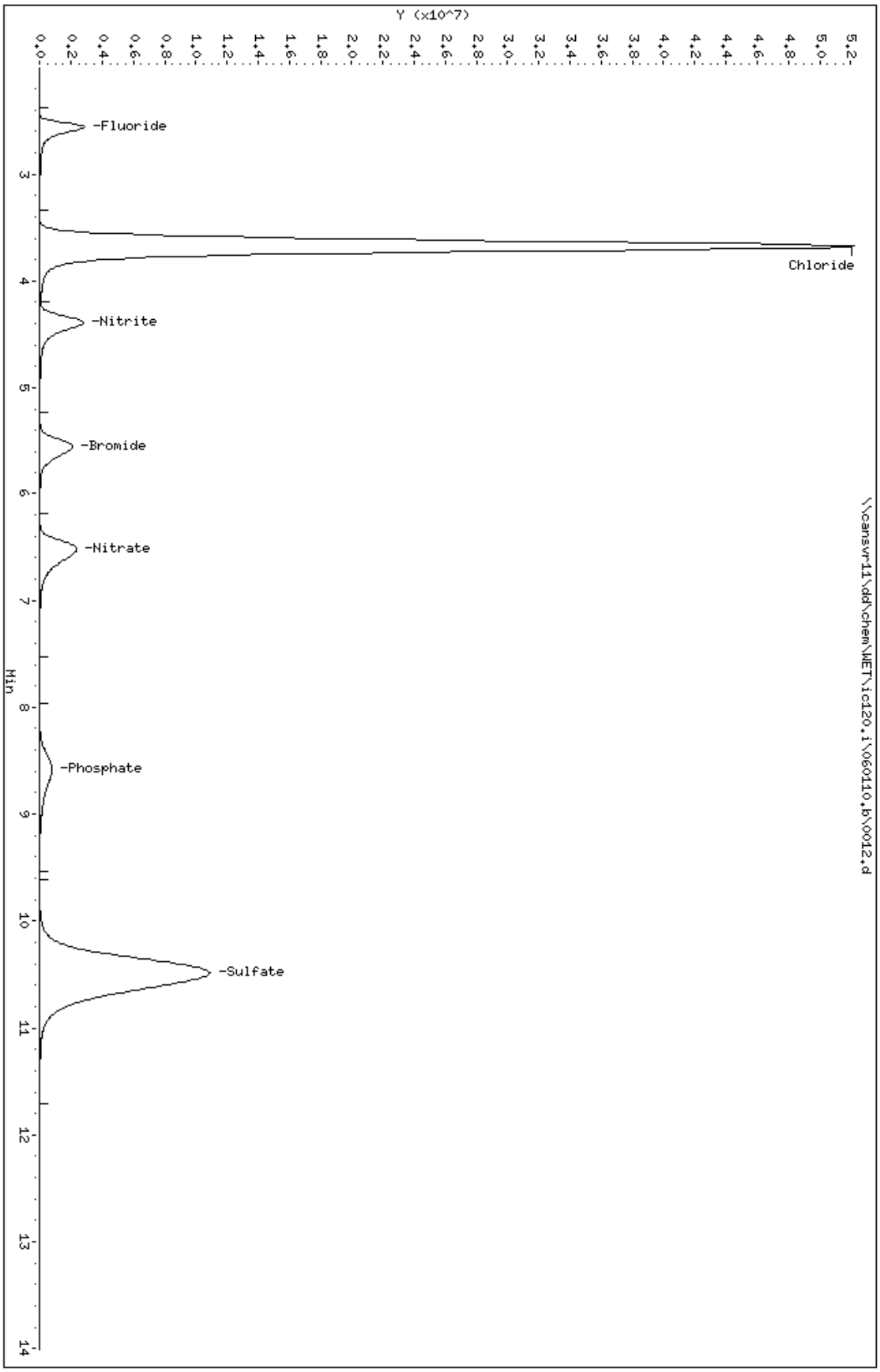
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.558	2.558	0.000	22508640	2.50000	2.461
2 Chloride	3.675	3.675	0.000	403745255	50.0000	52.52
3 Nitrite	4.391	4.391	0.000	31034330	2.50000	2.479
4 Bromide	5.550	5.550	0.000	25934963	10.0000	9.620
5 Nitrate	6.516	6.516	0.000	36585556	2.50000	2.469
6 Phosphate	8.583	8.583	0.000	20320214	2.50000	2.857
7 Sulfate	10.483	10.483	0.000	243628867	50.0000	48.21

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0012.d
Date : 01-JUN-2010 19:29
Client ID:
Sample Info: CCV,,2
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0013.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

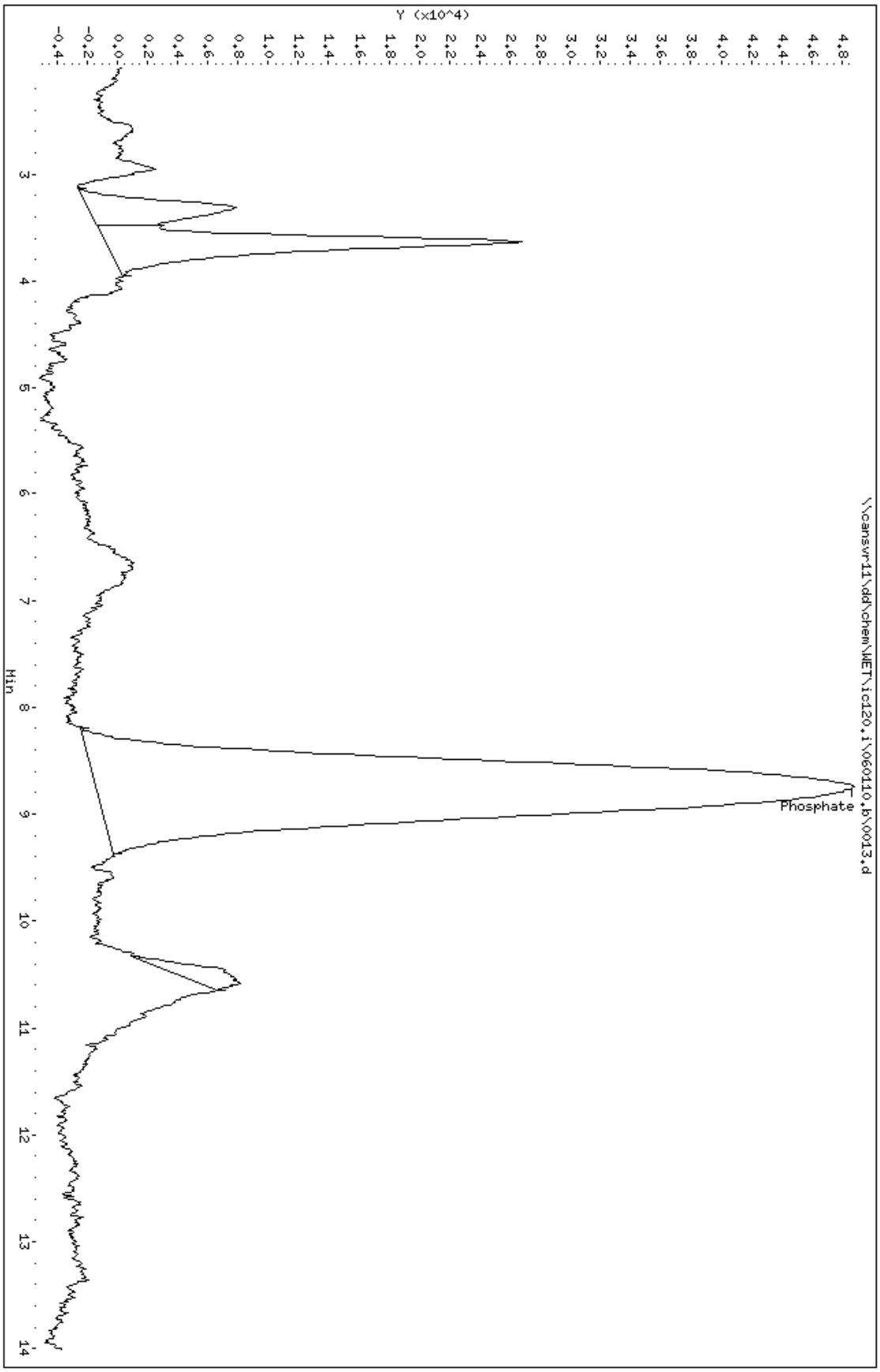
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0013.d
Lab Smp Id: CCB
Inj Date : 01-JUN-2010 19:46
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.741	8.583	0.158	1677650	0.18728	0.1873
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0013.d
Date : 01-JUN-2010 19:46
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\060110,b\0013.d
Phosphate
Y (x10^4)
Min

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0014.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0014.d
Lab Smp Id: L1P6T ORG
Inj Date : 01-JUN-2010 20:02
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P6T ORG
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

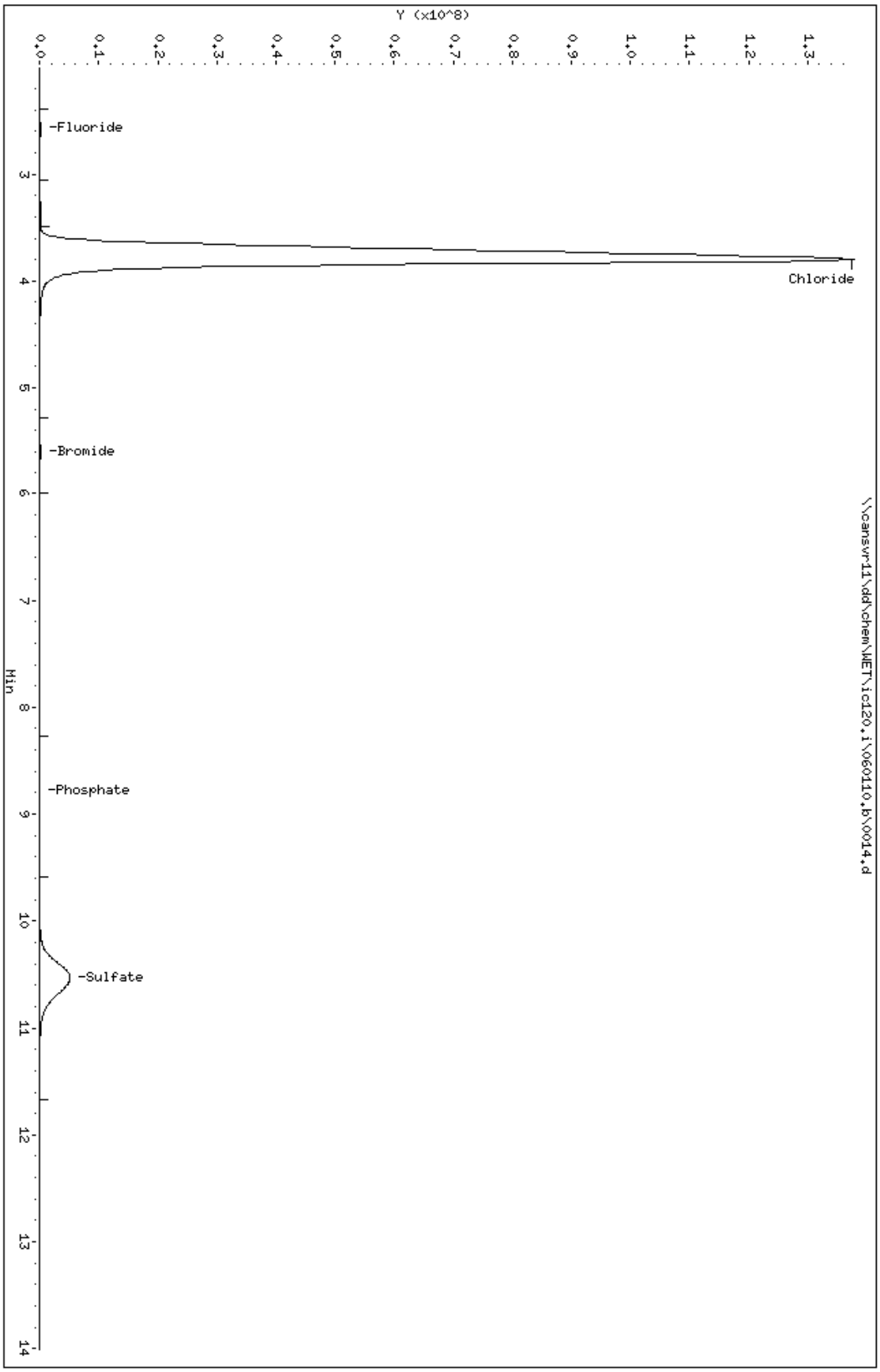
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.566	2.558	0.008	2694877	0.29464	0.2946
2 Chloride	3.800	3.675	0.125	1235068593	160.656	160.6
3 Nitrite	Compound Not Detected.					
4 Bromide	5.600	5.550	0.050	1698134	0.62988	0.6299
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.783	8.583	0.200	2010303	0.23491	0.2349
7 Sulfate	10.533	10.483	0.050	118080078	23.3666	23.37

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0014.d
Date : 01-JUN-2010 20:02
Client ID:
Sample Info: L1P6T ORG
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0015.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0015.d
Lab Smp Id: L1P6T MS
Inj Date : 01-JUN-2010 20:19
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P6T MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

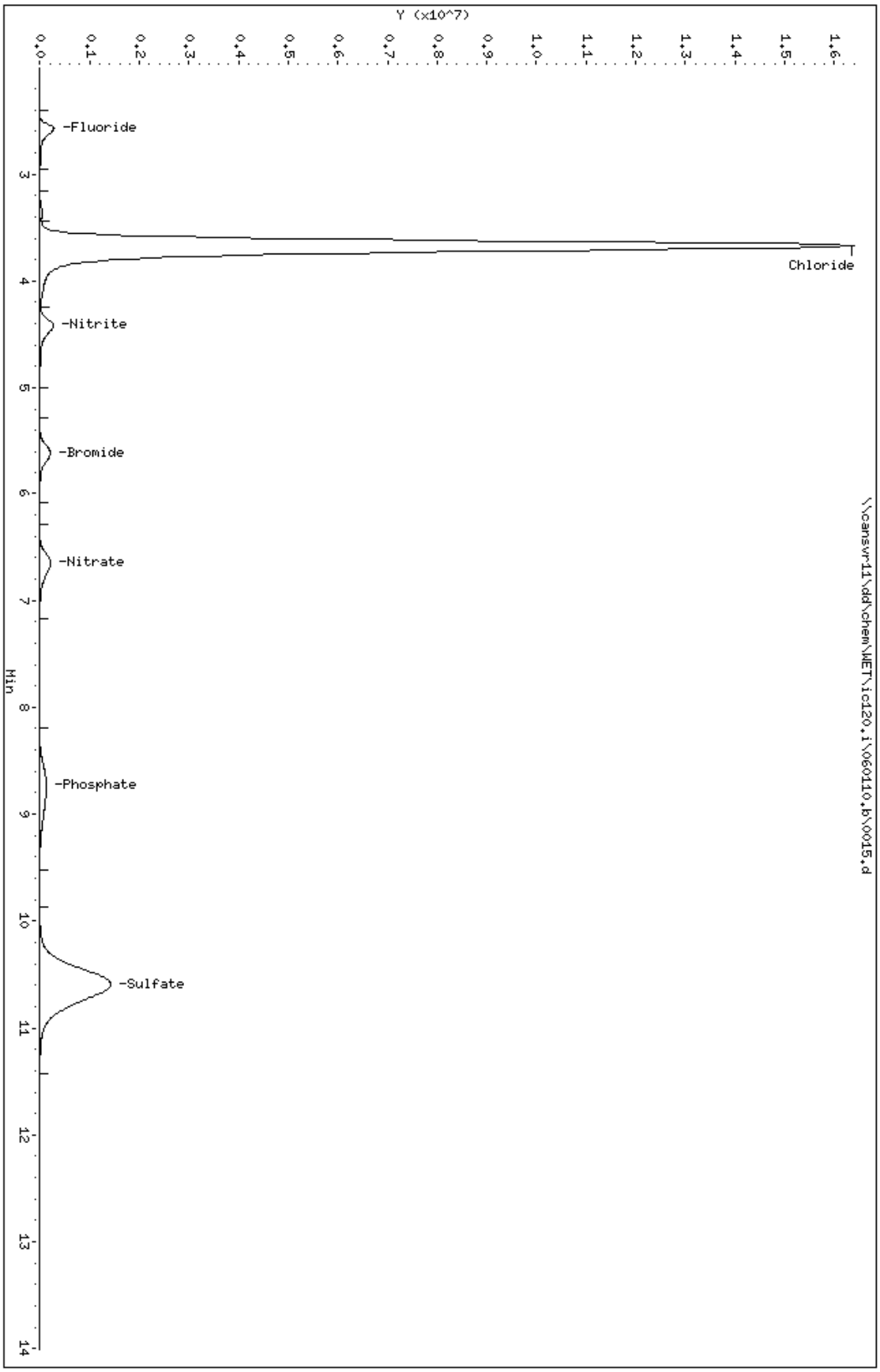
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.558	0.017	2235817	0.24445	0.2444(R)
2 Chloride	3.675	3.675	0.000	124841402	16.2392	16.24(R)
3 Nitrite	4.416	4.391	0.025	3063827	0.24478	0.2448(R)
4 Bromide	5.608	5.550	0.058	2635250	0.97747	0.9775(R)
5 Nitrate	6.650	6.516	0.134	3434764	0.23177	0.2318(R)
6 Phosphate	8.733	8.583	0.150	4404283	0.57770	0.5777(R)
7 Sulfate	10.591	10.483	0.108	33181571	6.56622	6.566(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0015.d
Date : 01-JUN-2010 20:19
Client ID:
Sample Info: L1P6T MS,,3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0016.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0016.d
Lab Smp Id: L1P6T MSD
Inj Date : 01-JUN-2010 20:35
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P6T MSD,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

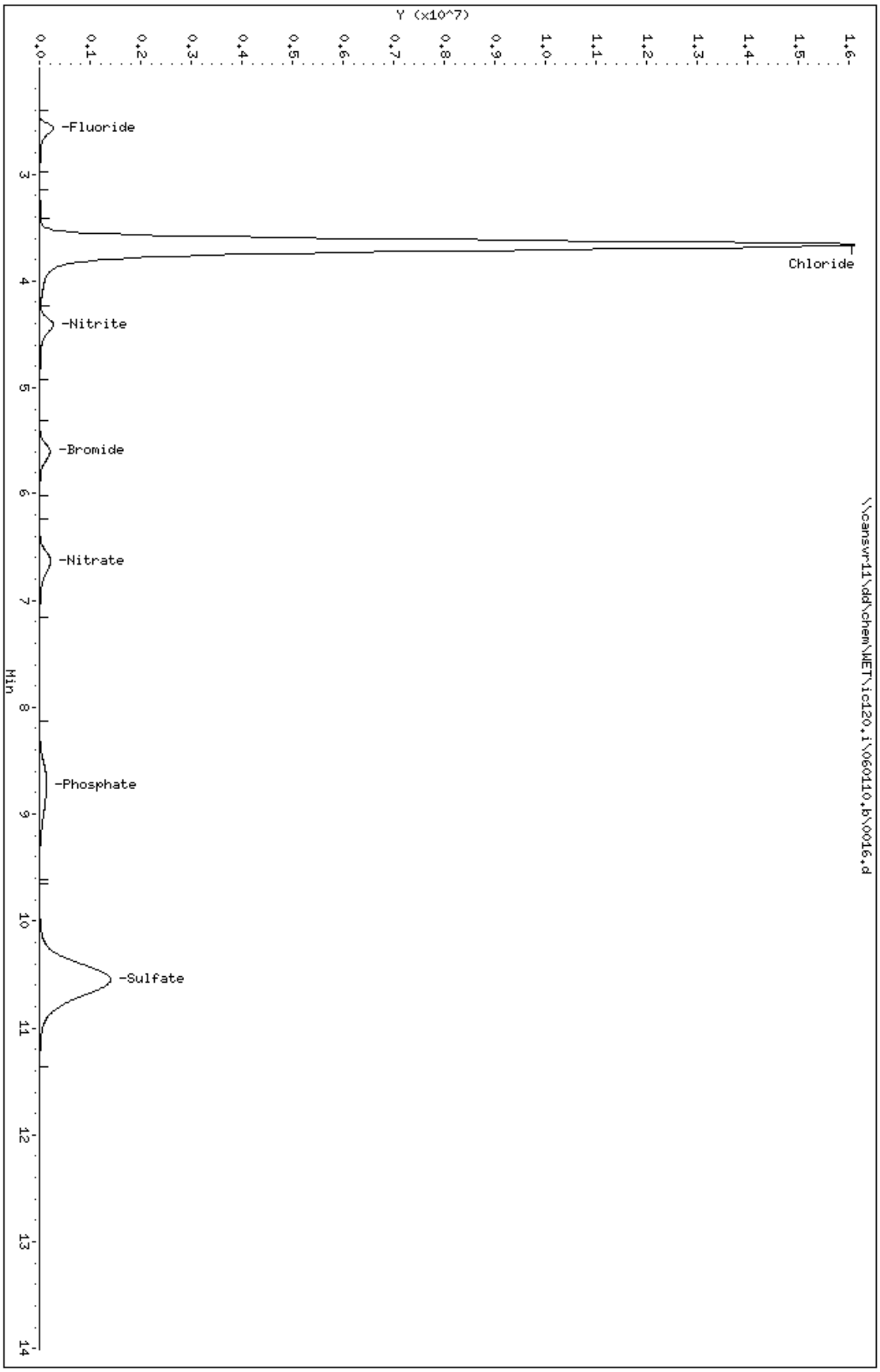
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.558	0.017	2145918	0.23462	0.2346(R)
2 Chloride	3.658	3.675	-0.017	122741971	15.9661	15.97(R)
3 Nitrite	4.408	4.391	0.017	2940706	0.23495	0.2349(R)
4 Bromide	5.591	5.550	0.041	2485189	0.92181	0.9218(R)
5 Nitrate	6.633	6.516	0.117	3304678	0.22299	0.2230(R)
6 Phosphate	8.725	8.583	0.142	4572175	0.60174	0.6017(R)
7 Sulfate	10.550	10.483	0.067	32270531	6.38593	6.386(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0016.d
Date : 01-JUN-2010 20:35
Client ID:
Sample Info: L1P6T MSD,.3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0017.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0017.d
Lab Smp Id: L1P5J
Inj Date : 01-JUN-2010 20:51
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P5J
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

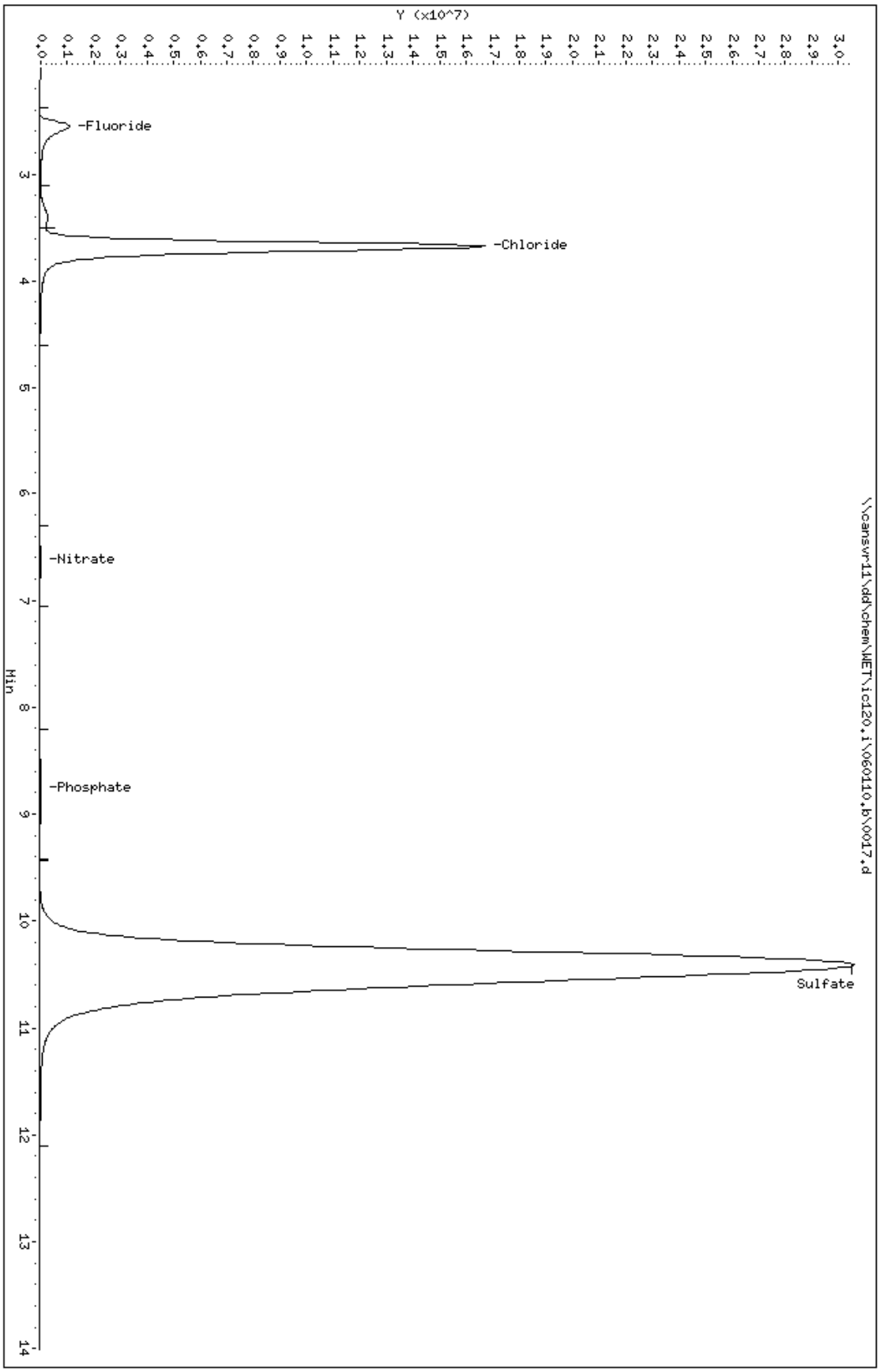
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.558	2.558	0.000	10884804	1.19008	1.190
2 Chloride	3.675	3.675	0.000	118785686	15.4515	15.45
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.625	6.516	0.109	928552	0.06266	0.06266(a)
6 Phosphate	8.758	8.583	0.175	1899543	0.21905	0.2190
7 Sulfate	10.408	10.483	-0.075	681246228	134.810	134.8

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0017.d
Date : 01-JUN-2010 20:51
Client ID:
Sample Info: L1P5J
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0018.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0018.d
Lab Smp Id: L1P5K
Inj Date : 01-JUN-2010 21:08
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P5K
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

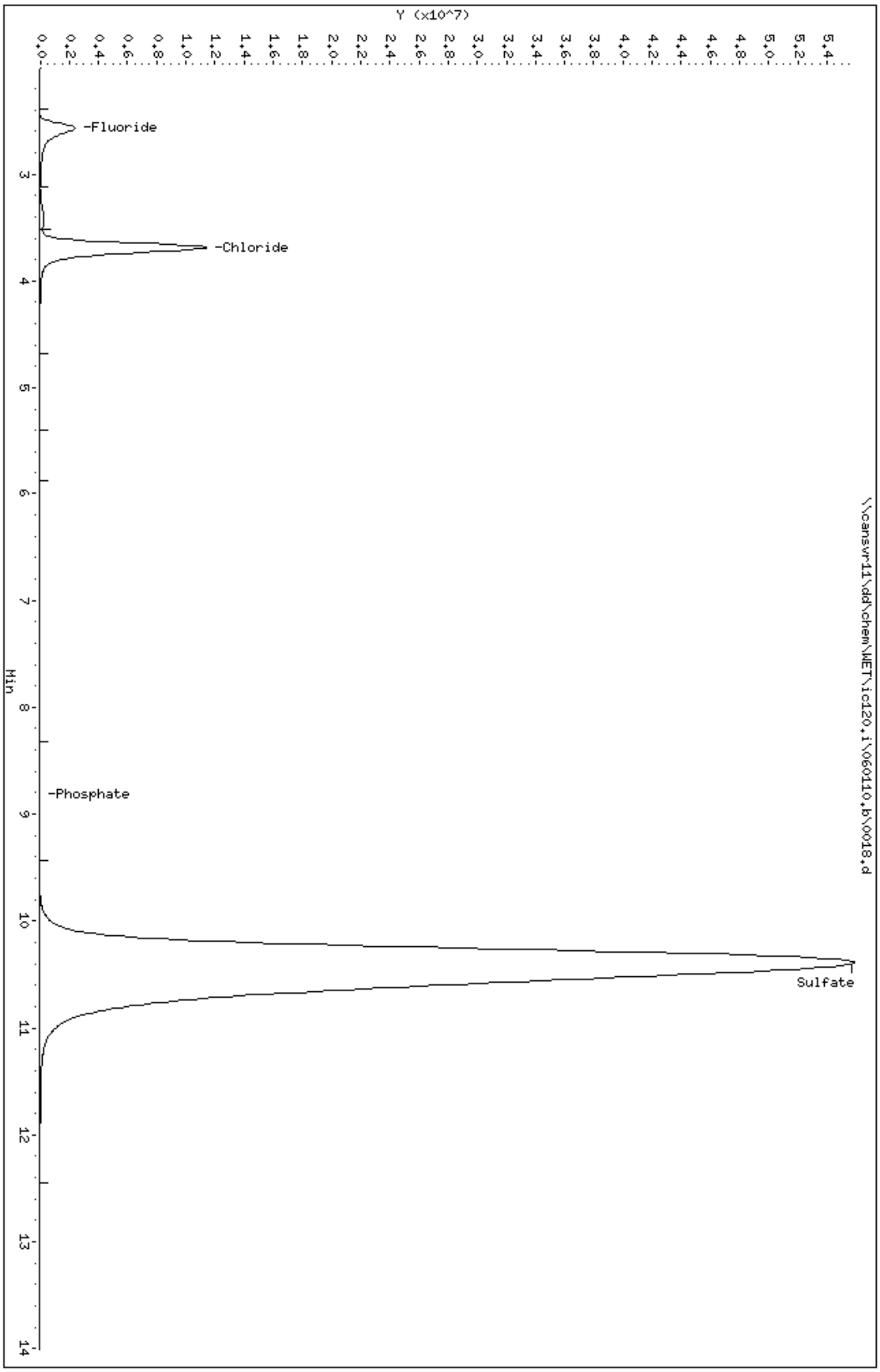
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.566	2.558	0.008	22686644	2.48043	2.480
2 Chloride	3.691	3.675	0.016	83298425	10.8354	10.84
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.816	8.583	0.233	1167669	0.11426	0.1142
7 Sulfate	10.391	10.483	-0.092	1287811083	254.842	254.8(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0018.d
Date : 01-JUN-2010 21:08
Client ID:
Sample Info: L1P5K
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0019.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0019.d
Lab Smp Id: L1P5L
Inj Date : 01-JUN-2010 21:24
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P5L
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

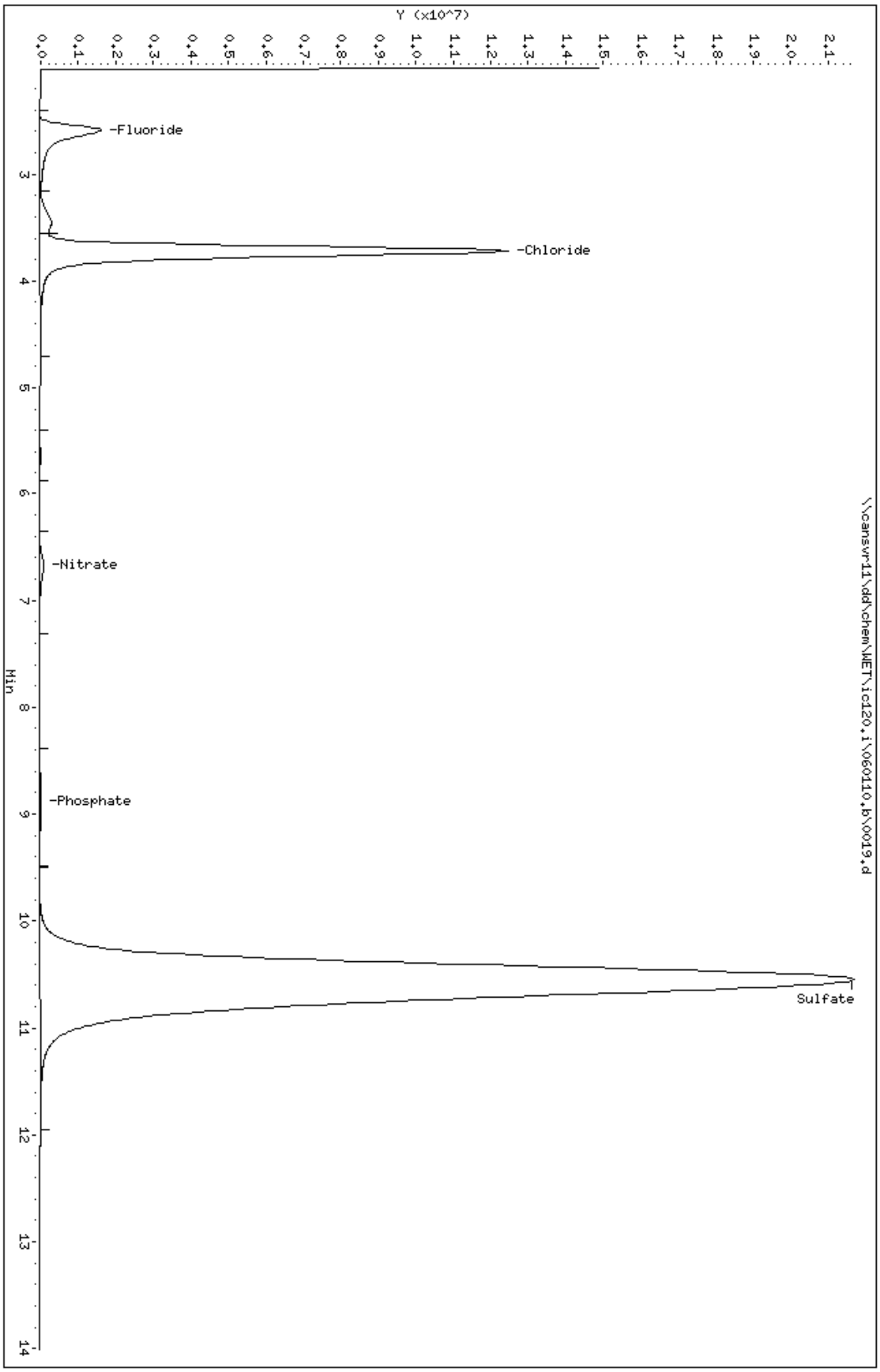
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.591	2.558	0.033	15870513	1.73519	1.735
2 Chloride	3.716	3.675	0.041	90457909	11.7667	11.77
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.675	6.516	0.159	1653040	0.11154	0.1115
6 Phosphate	8.883	8.583	0.300	999893	0.09023	0.09023
7 Sulfate	10.550	10.483	0.067	483537580	95.6860	95.69

Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0019.d
Date : 01-JUN-2010 21:24
Client ID:
Sample Info: L1P5L
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0020.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0020.d
Lab Smp Id: L1P5M
Inj Date : 01-JUN-2010 21:41
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P5M
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

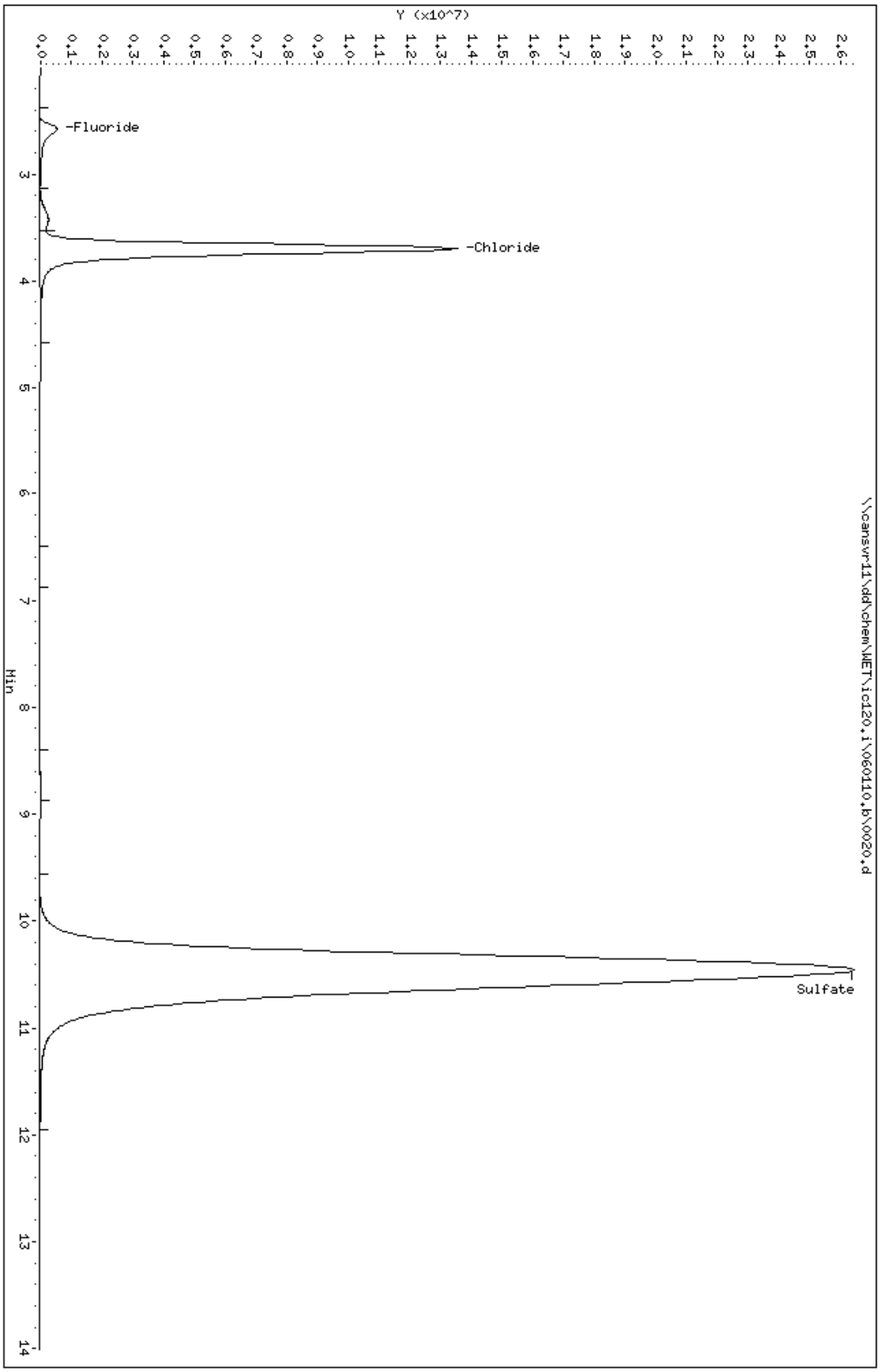
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.558	0.017	5779791	0.63193	0.6319
2 Chloride	3.700	3.675	0.025	97519181	12.6852	12.68
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.458	10.483	-0.025	585429805	115.849	115.8

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0020,d
Date : 01-JUN-2010 21:41
Client ID:
Sample Info: L1P6M
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0021.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0021.d
Lab Smp Id: L1P5N
Inj Date : 01-JUN-2010 21:57
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P5N
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

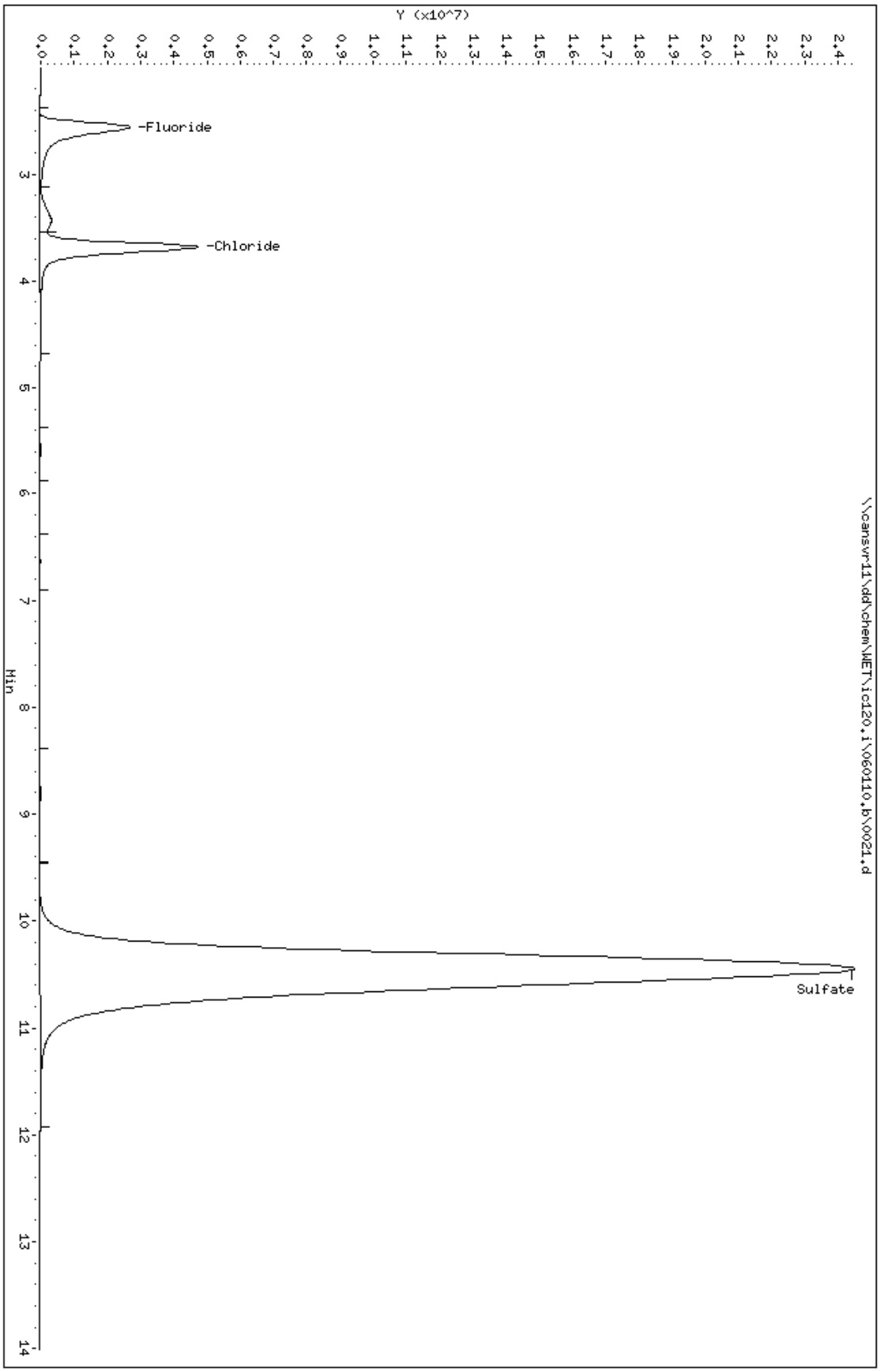
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.566	2.558	0.008	24991591	2.73244	2.732
2 Chloride	3.683	3.675	0.008	36248544	4.71517	4.715
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.450	10.483	-0.033	543891471	107.629	107.6

Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0021.d
Date : 01-JUN-2010 21:57
Client ID:
Sample Info: L1P5N
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0022.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

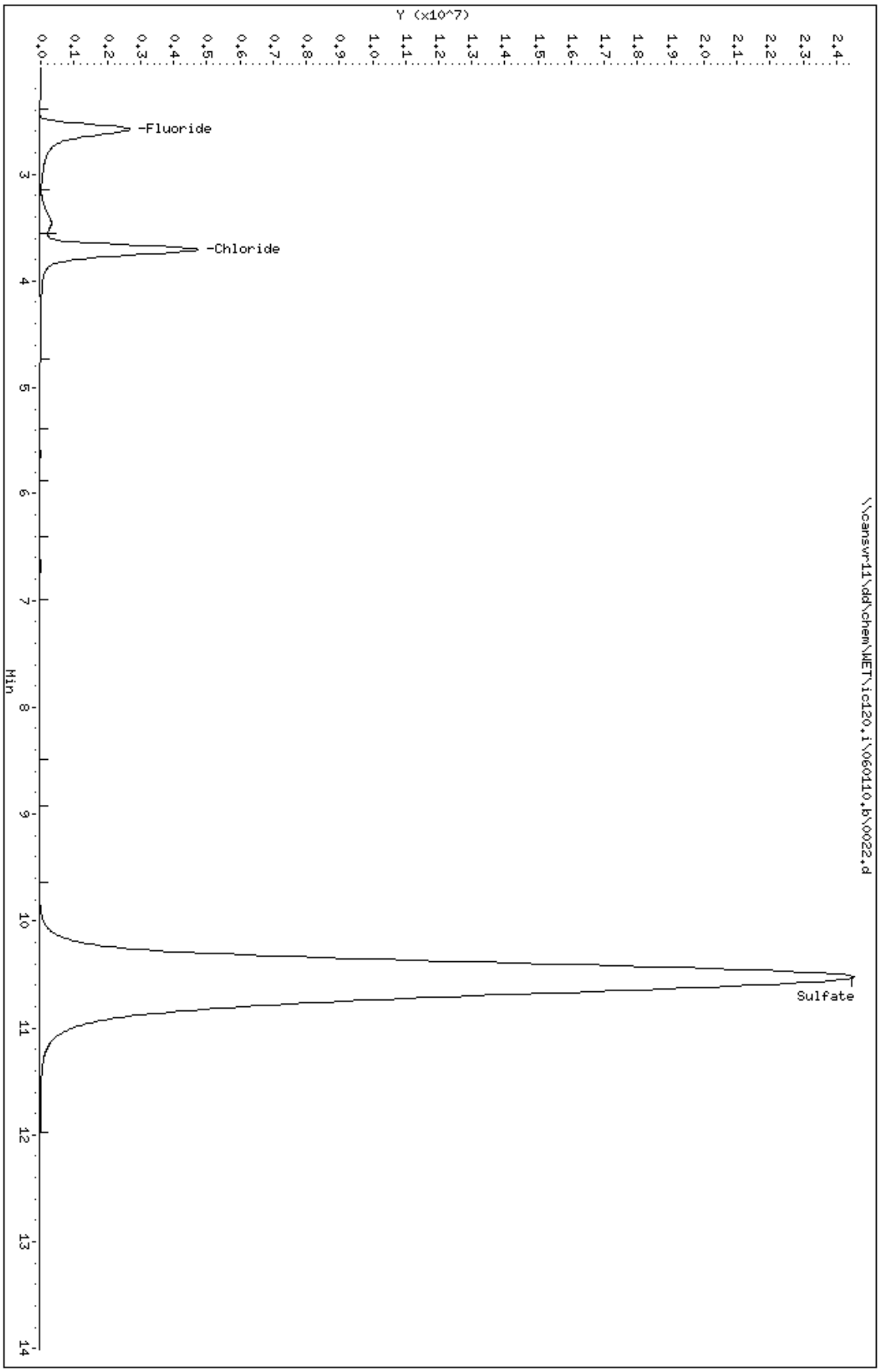
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0022.d
Lab Smp Id: L1P5P ORG
Inj Date : 01-JUN-2010 22:14
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P5P ORG
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.583	2.558	0.025	25318597	2.76819	2.768
2 Chloride	3.708	3.675	0.033	36558037	4.75543	4.755
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.525	10.483	0.042	547904458	108.423	108.4


Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0022.d
Date : 01-JUN-2010 22:14
Client ID:
Sample Info: L1PSP ORG
Purge Volume: 1.0
Column phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\060110,b\0022.d
Y (x10^7)
-Fluoride
-Chloride
Sulfate
Min

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0023.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0023.d
Lab Smp Id: L1P5P MS
Inj Date : 01-JUN-2010 22:30
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P5P MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

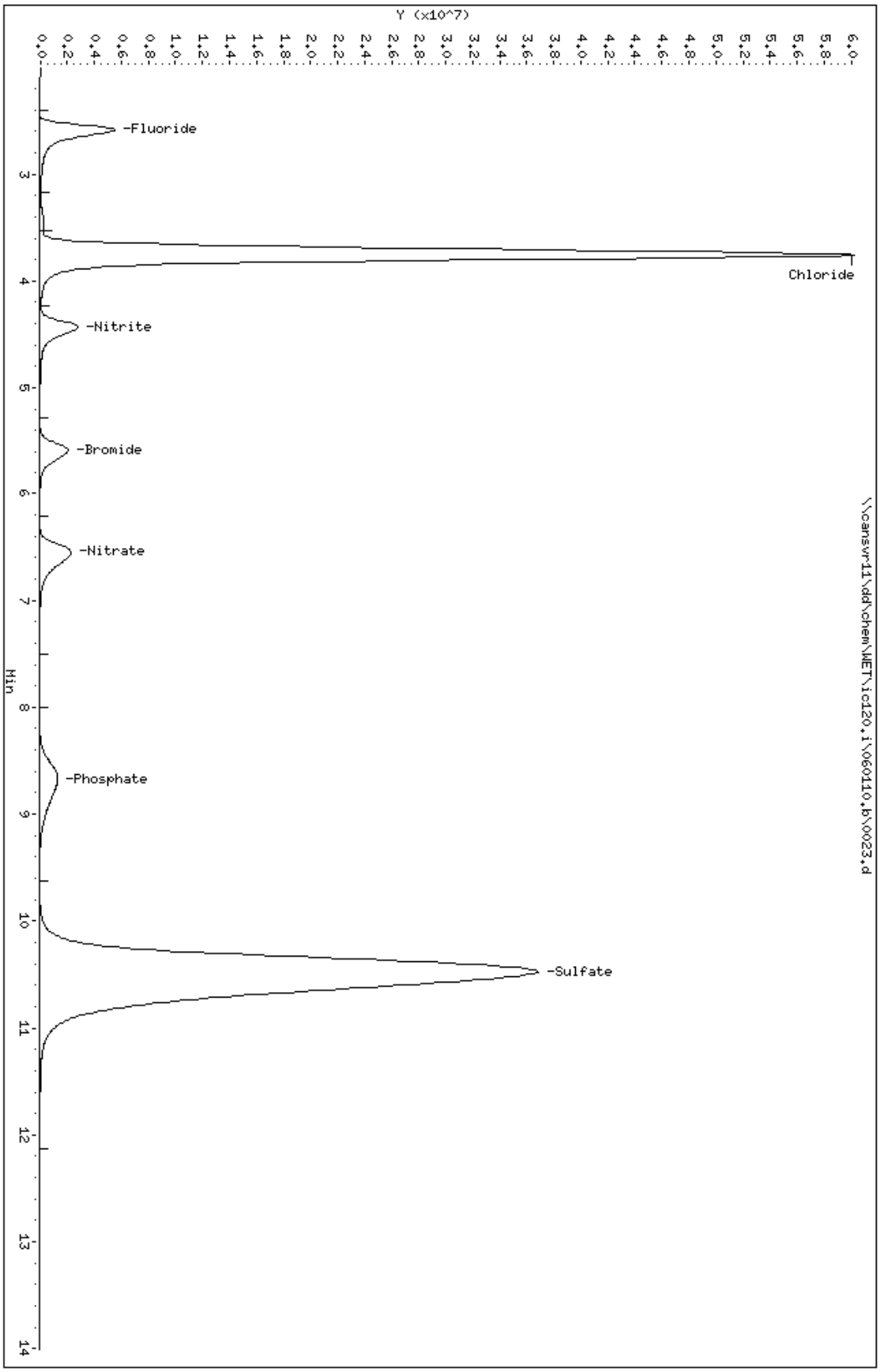
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.583	2.558	0.025	50076467	5.47507	5.475(R)
2 Chloride	3.758	3.675	0.083	438424433	57.0298	57.03(R)
3 Nitrite	4.433	4.391	0.042	30781754	2.45929	2.459
4 Bromide	5.583	5.550	0.033	25083850	9.30416	9.304
5 Nitrate	6.550	6.516	0.034	35520298	2.39685	2.397
6 Phosphate	8.675	8.583	0.092	37587087	5.32908	5.329(R)
7 Sulfate	10.475	10.483	-0.008	822917064	162.845	162.8(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0023.d
Date : 01-JUN-2010 22:30
Client ID:
Sample Info: L1PSP MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0024.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 01-JUN-2010 22:46
Lab File ID: 0024.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	9199312	9199312	0.010	-0.58001	10.00000	Averaged
2 Chloride	7687643	8035912	8035912	0.010	-4.53025	10.00000	Averaged
3 Nitrite	12516496	12383073	12383073	0.010	1.06598	10.00000	Averaged
4 Bromide	2695983	2581810	2581810	0.010	4.23491	10.00000	Averaged
5 Nitrate	14819560	14627489	14627489	0.010	1.29607	10.00000	Averaged
6 Phosphate	2.50000	3.06735	8716639	0.010	-22.69416	10.00000	Linear <-
7 Sulfate	5053378	4894576	4894576	0.010	3.14250	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0024.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0024.d
Lab Smp Id: CCV
Inj Date : 01-JUN-2010 22:46
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

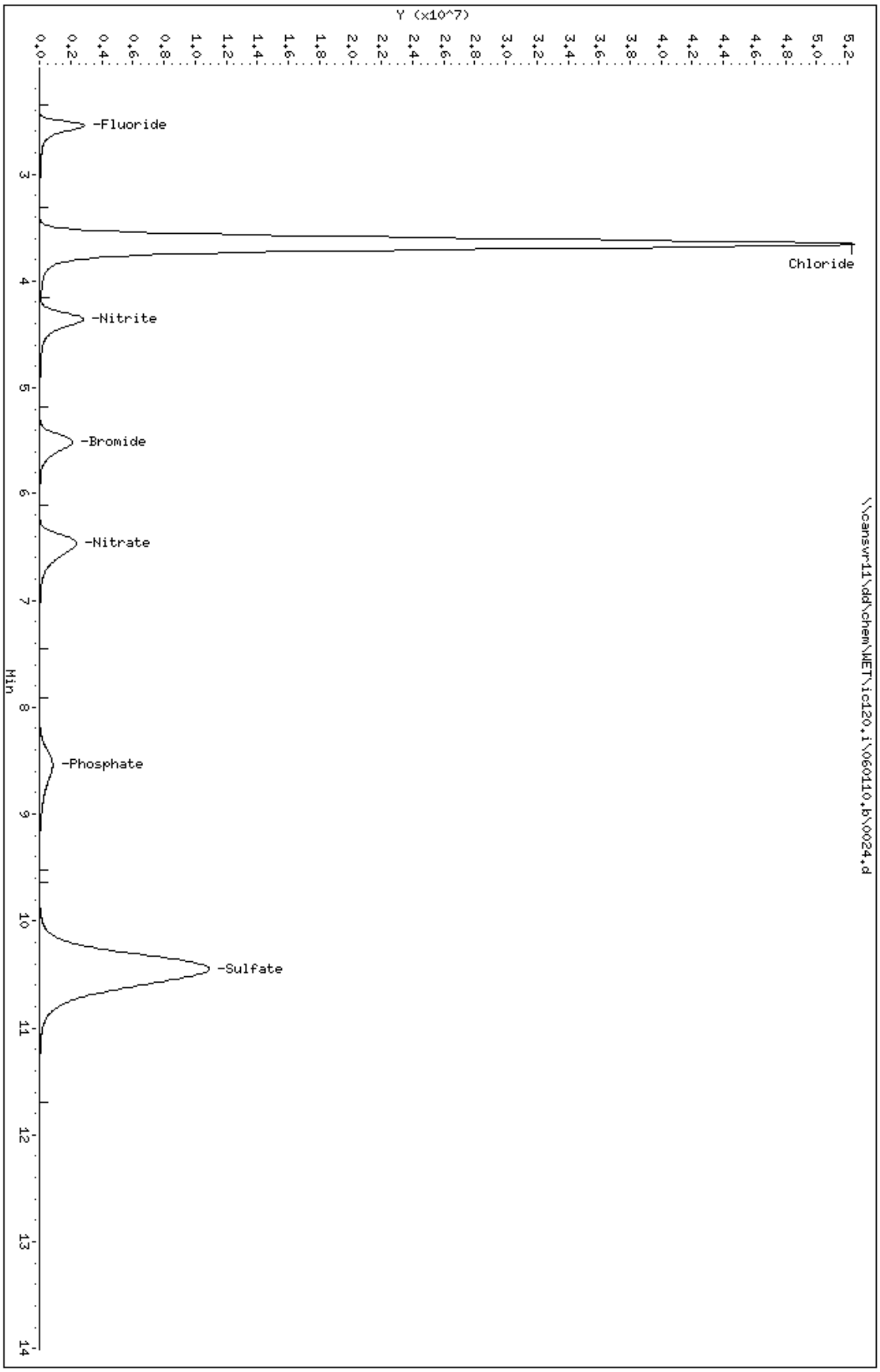
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.550	2.550	0.000	22998281	2.50000	2.514
2 Chloride	3.658	3.658	0.000	401795595	50.0000	52.26
3 Nitrite	4.358	4.358	0.000	30957682	2.50000	2.473
4 Bromide	5.508	5.508	0.000	25818102	10.0000	9.576
5 Nitrate	6.466	6.466	0.000	36568723	2.50000	2.468
6 Phosphate	8.541	8.541	0.000	21791597	2.50000	3.067
7 Sulfate	10.450	10.450	0.000	244728792	50.0000	48.43

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0024.d
Date : 01-JUN-2010 22:46
Client ID:
Sample Info: CCV,,2
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0025.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

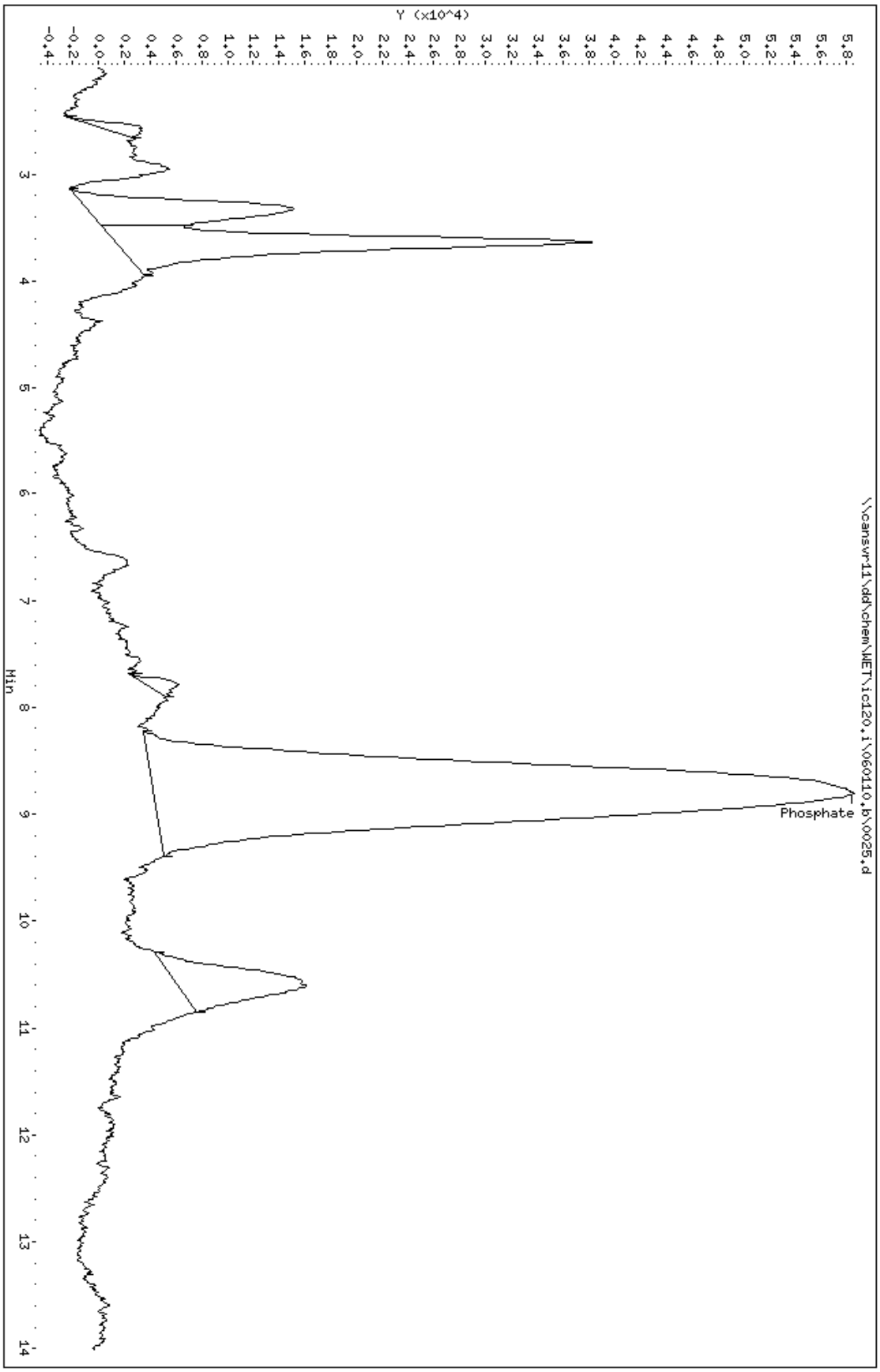
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0025.d
Lab Smp Id: CCB
Inj Date : 01-JUN-2010 23:03
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.808	8.541	0.267	1840276	0.21056	0.2106
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0025.d
Date : 01-JUN-2010 23:03
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\060110,b\0025.d
Phosphate
Y (x10^4)
Min

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0026.d
Report Date: 02-Jun-2010 09:30

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0026.d
Lab Smp Id: L1P5Q
Inj Date : 01-JUN-2010 23:19
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P5Q
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

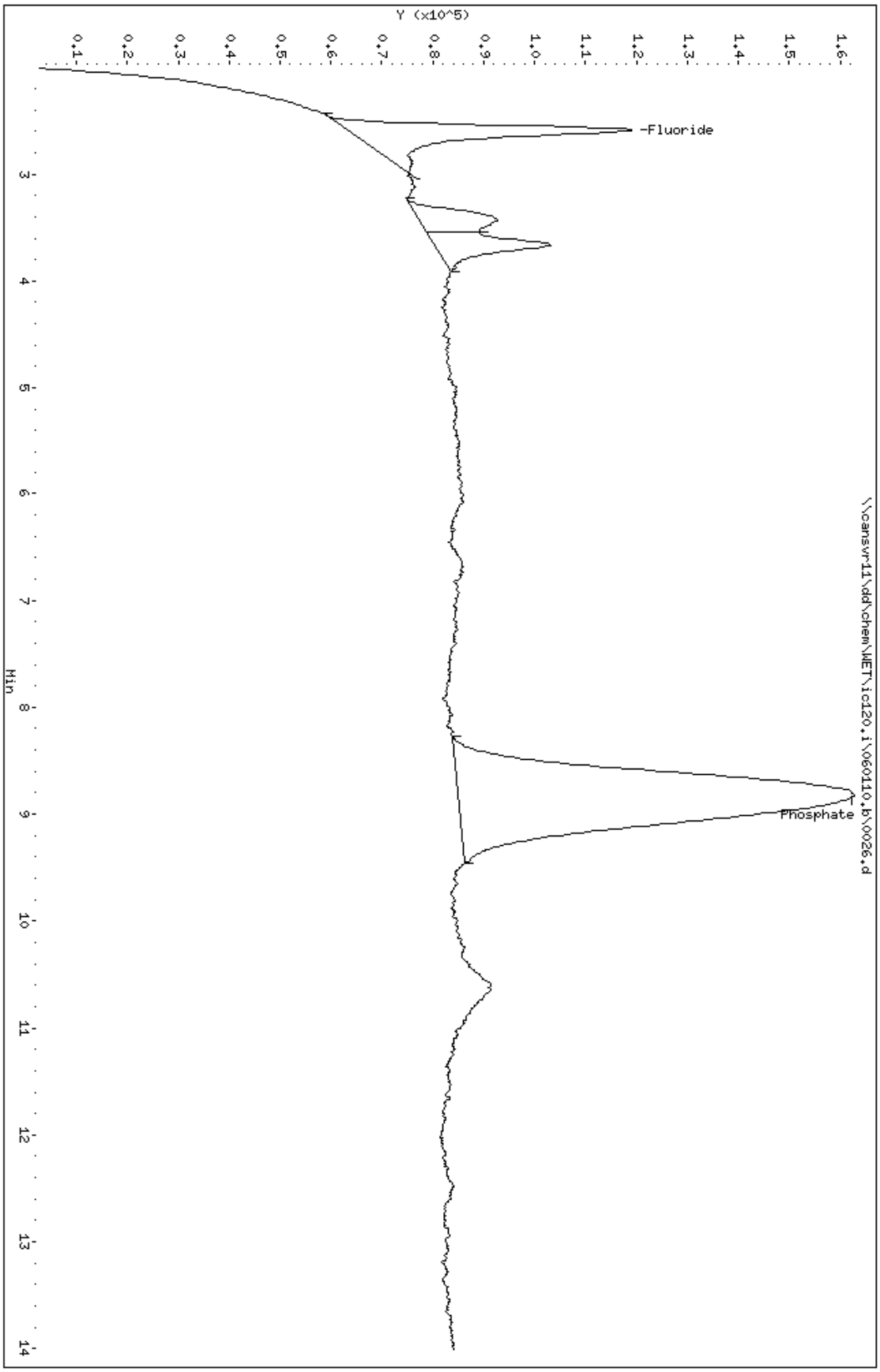
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

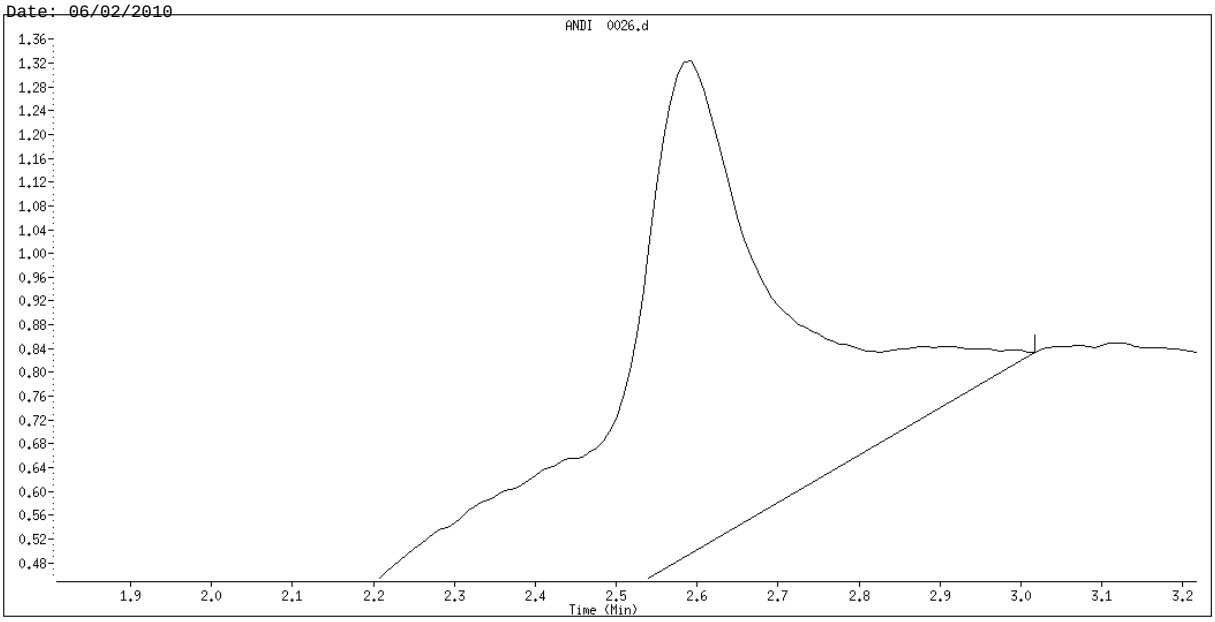
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.591	2.583	0.008	495325	0.05416	0.05416(M)
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.825	8.625	0.200	2411584	0.29237	0.2924
7 Sulfate	Compound Not Detected.					

QC Flag Legend

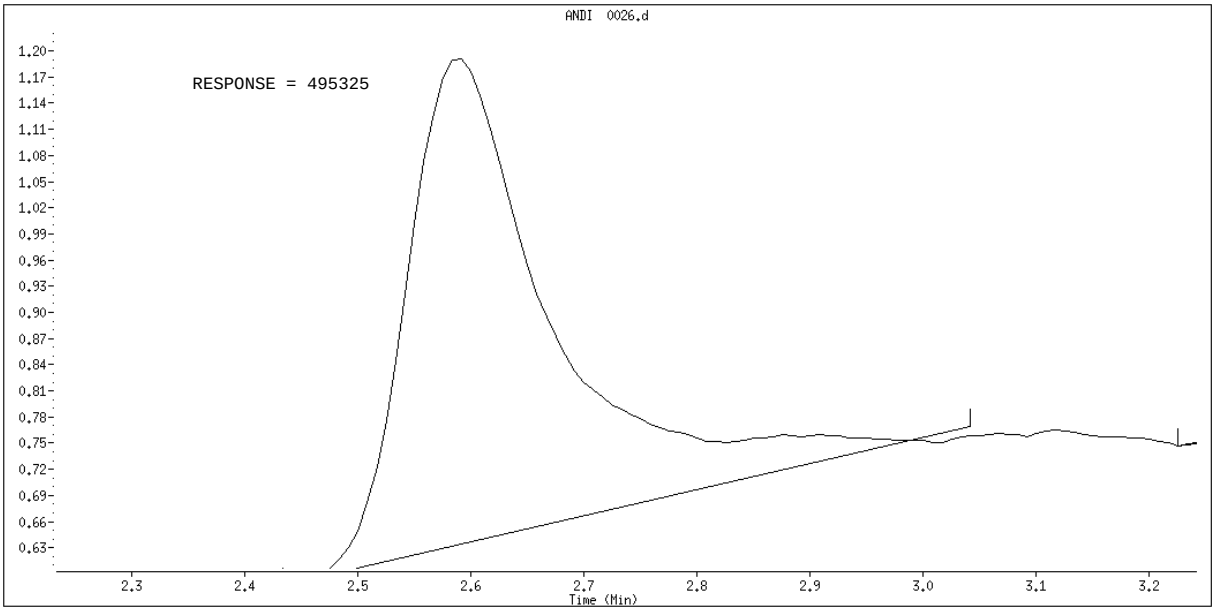
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0026.d
Date : 01-JUN-2010 23:19
Client ID:
Sample Info: L1P5Q
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120.i\060110.b\0026.d
Y (x10^5)
1.6
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
-Fluoride
Phosphate
3
4
5
6
7
8
9
10
11
12
13
14
Min

Data File Name: 0026.d
Inj. Date and Time: 01-JUN-2010 23:19
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0027.d
Report Date: 02-Jun-2010 09:31

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0027.d
Lab Smp Id: L1QVF
Inj Date : 01-JUN-2010 23:36
Operator : 001754 Inst ID: ic120.i
Smp Info : L1QVF
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

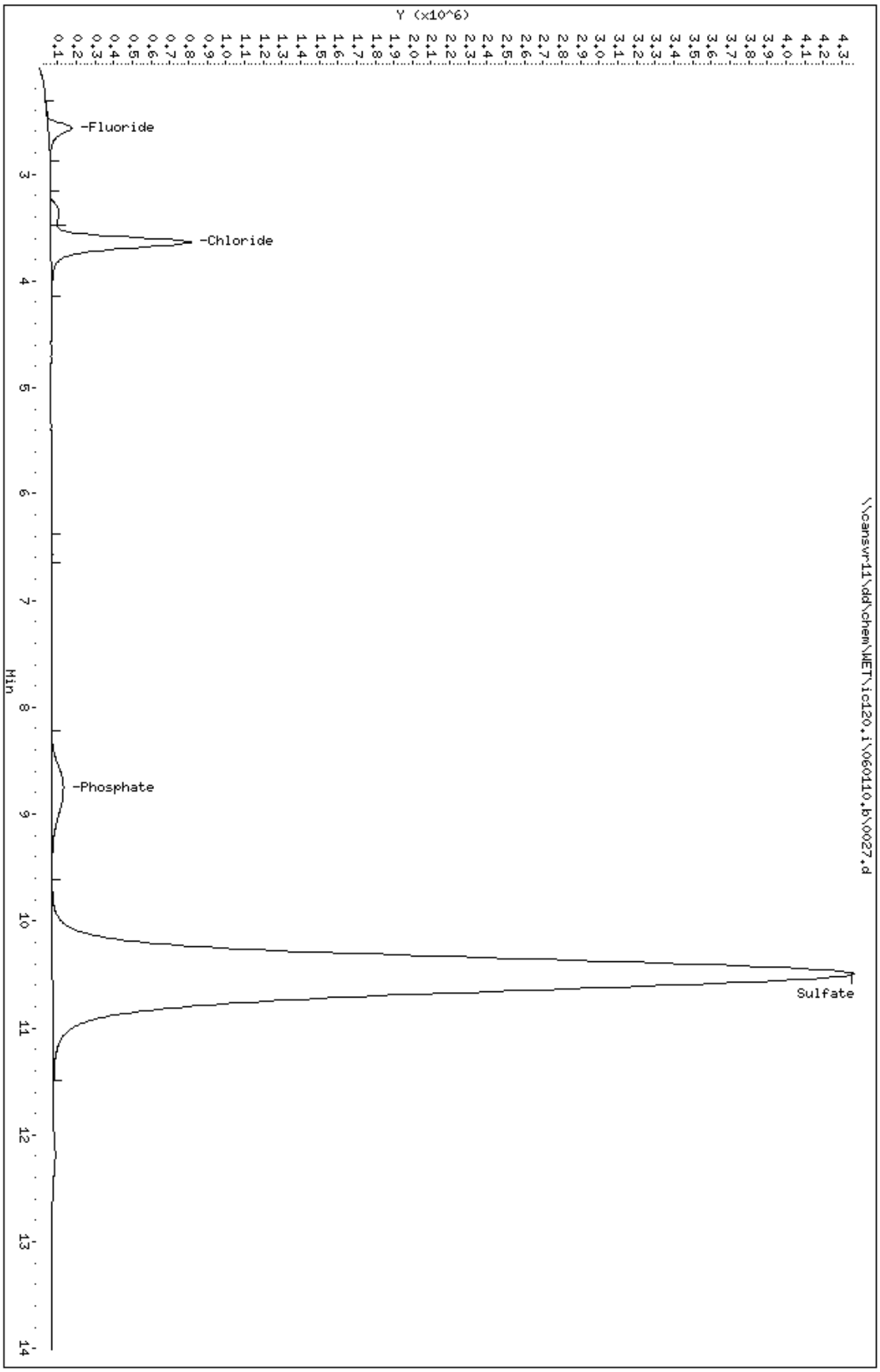
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

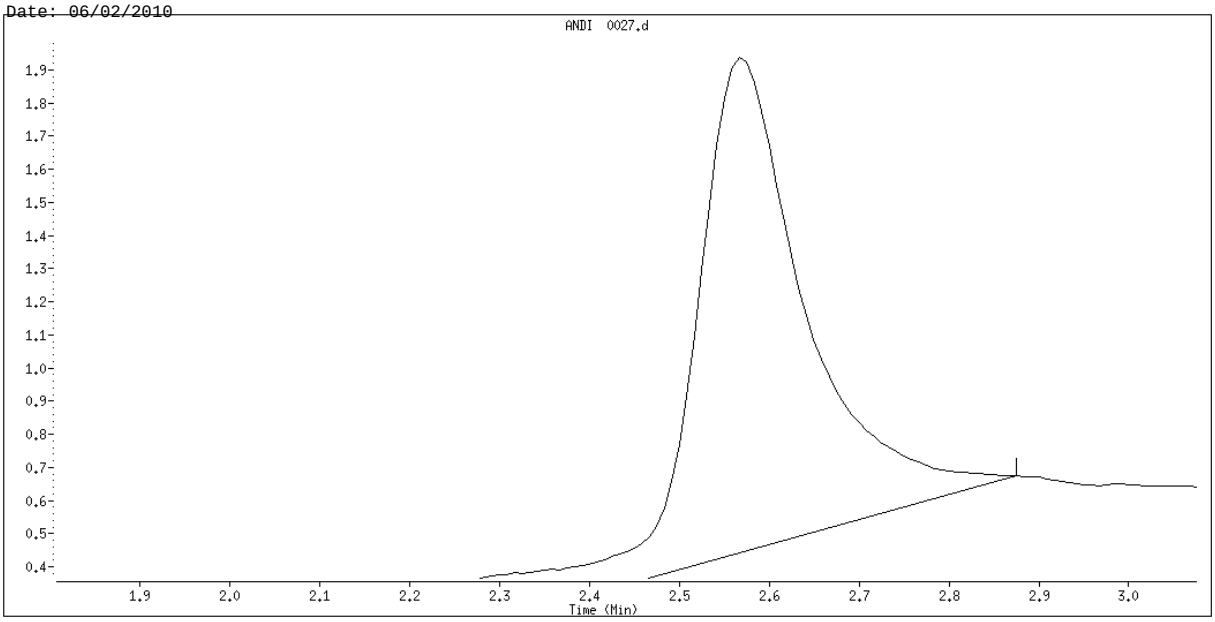
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.566	2.583	-0.017	959233	0.10488	0.1049(M)
2 Chloride	3.633	3.700	-0.067	6172684	0.80294	0.8029(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.758	8.625	0.133	2011854	0.23513	0.2351
7 Sulfate	10.491	10.541	-0.050	96899327	19.1752	19.18

QC Flag Legend

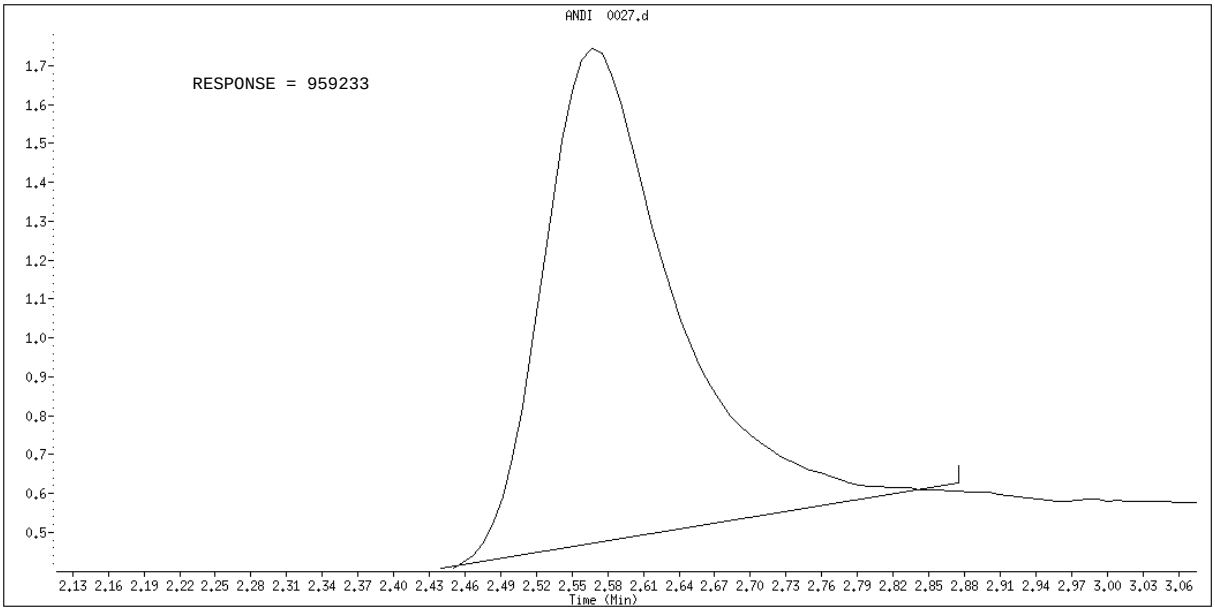
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0027.d
Date : 01-JUN-2010 23:36
Client ID:
Sample Info: L1QWF
Purge Volume: 1.0
Column phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\060110,b\0027.d
Y (x10^6)
-Fluoride
-Chloride
-Phosphate
Sulfate
Min

Data File Name: 0027.d
Inj. Date and Time: 01-JUN-2010 23:36
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0028.d
Report Date: 02-Jun-2010 09:31

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0028.d
Lab Smp Id: L1QXH ORG
Inj Date : 01-JUN-2010 23:52
Operator : 001754 Inst ID: ic120.i
Smp Info : L1QXH ORG
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

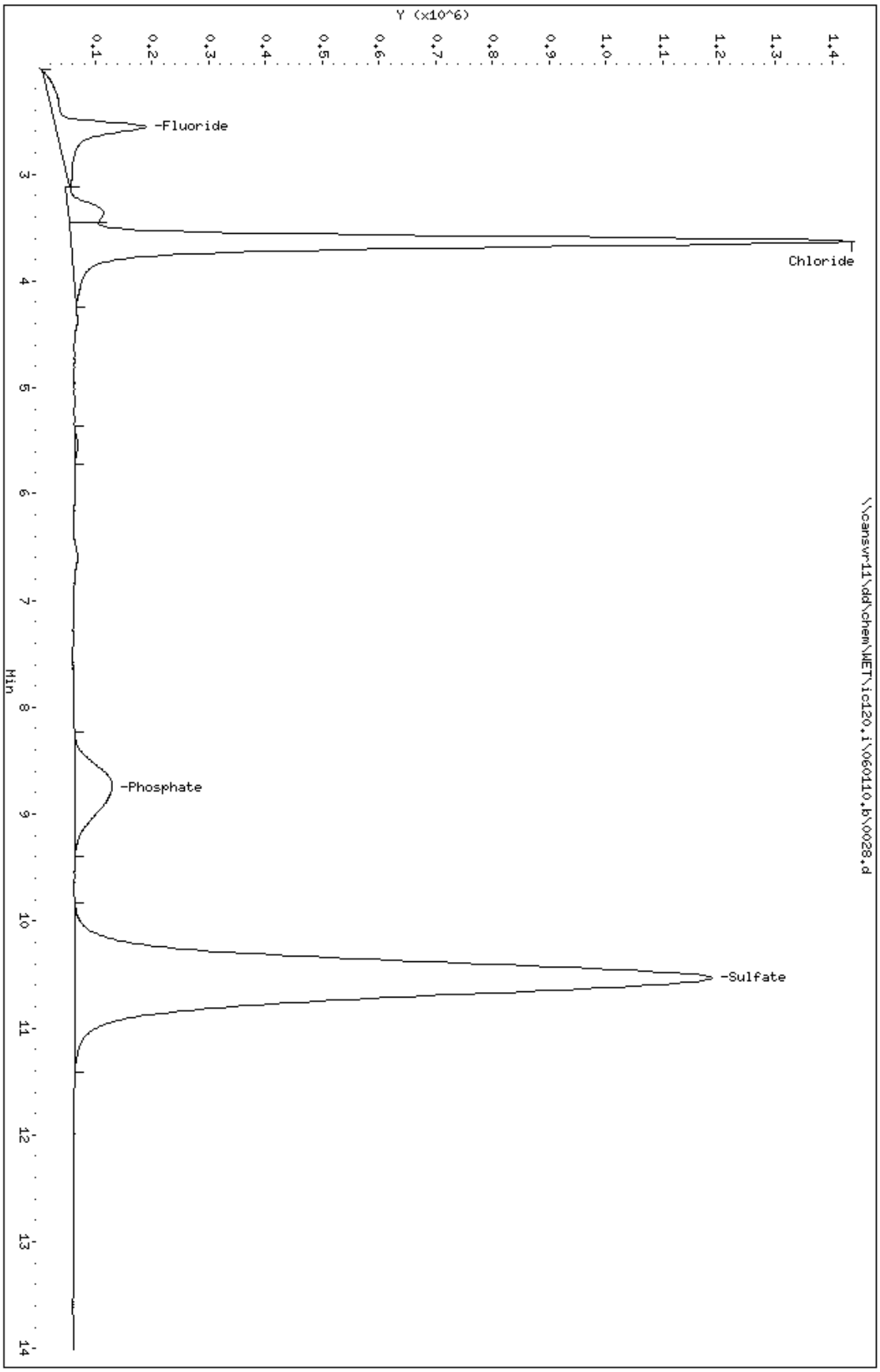
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

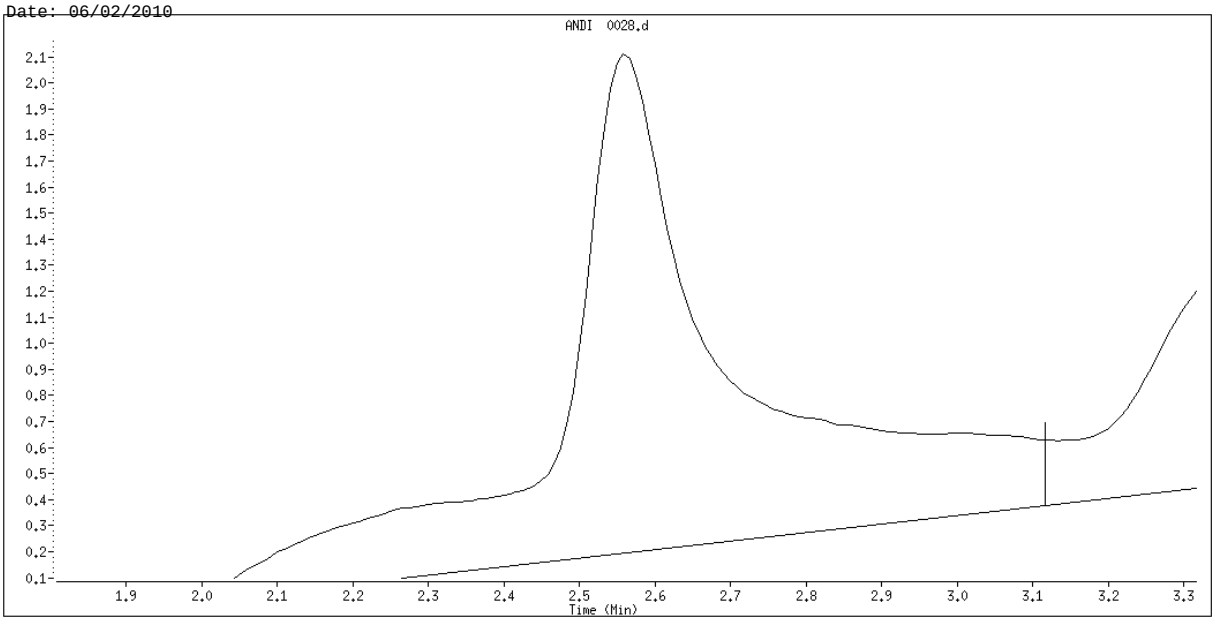
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.558	2.583	-0.025	2053949	0.22457	0.2246(M)
2 Chloride	3.625	3.700	-0.075	11255158	1.46406	1.464(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.750	8.625	0.125	2044482	0.23980	0.2398
7 Sulfate	10.533	10.541	-0.008	25901294	5.12554	5.126

QC Flag Legend

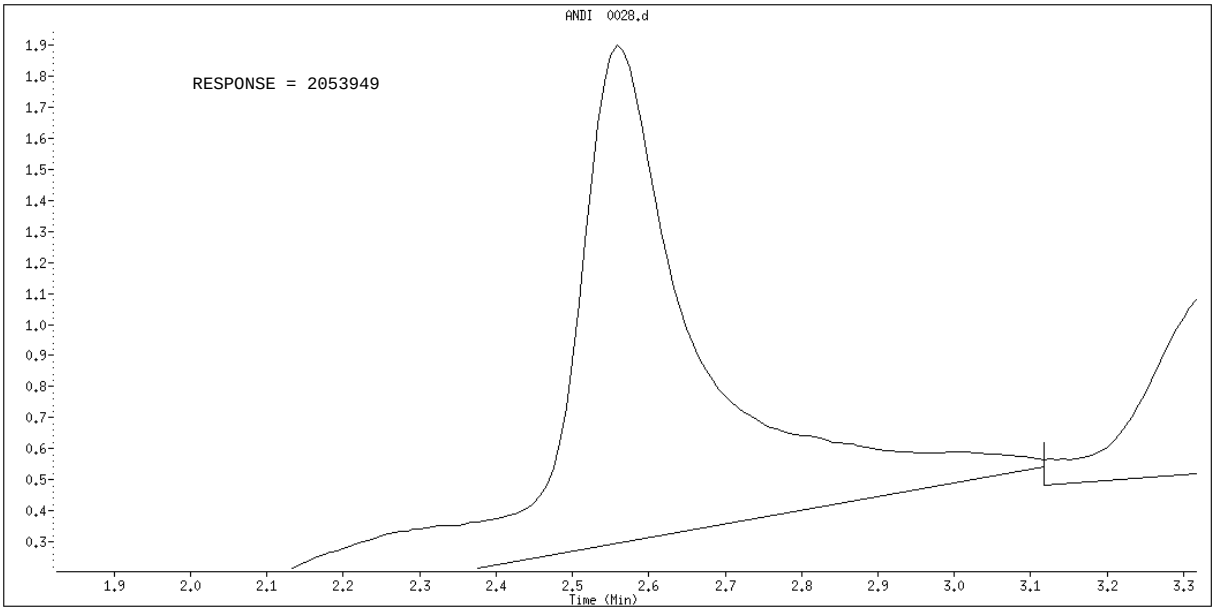
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0028.d
Date : 01-JUN-2010 23:52
Client ID:
Sample Info: L1QXH ORG
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\060110,b\0028.d
Y (x10^6)
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
-Fluoride
Chloride
-Phosphate
-Sulfate
3
4
5
6
7
8
9
10
11
12
13
14
Min

Data File Name: 0028.d
Inj. Date and Time: 01-JUN-2010 23:52
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/02/2010



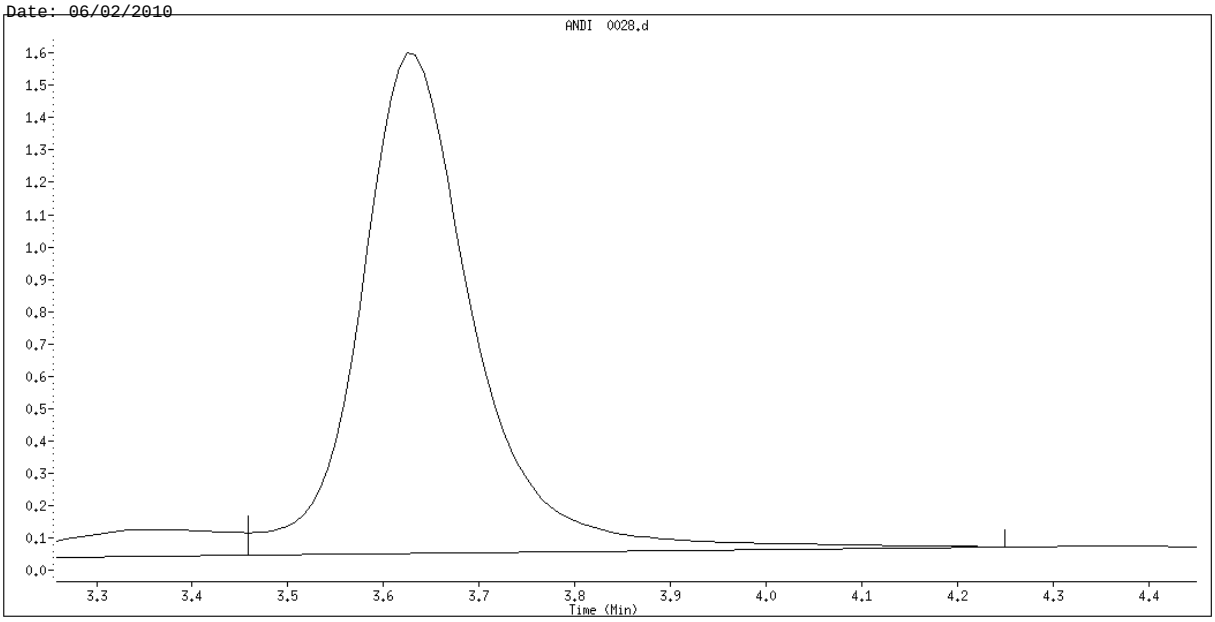
Original Integration



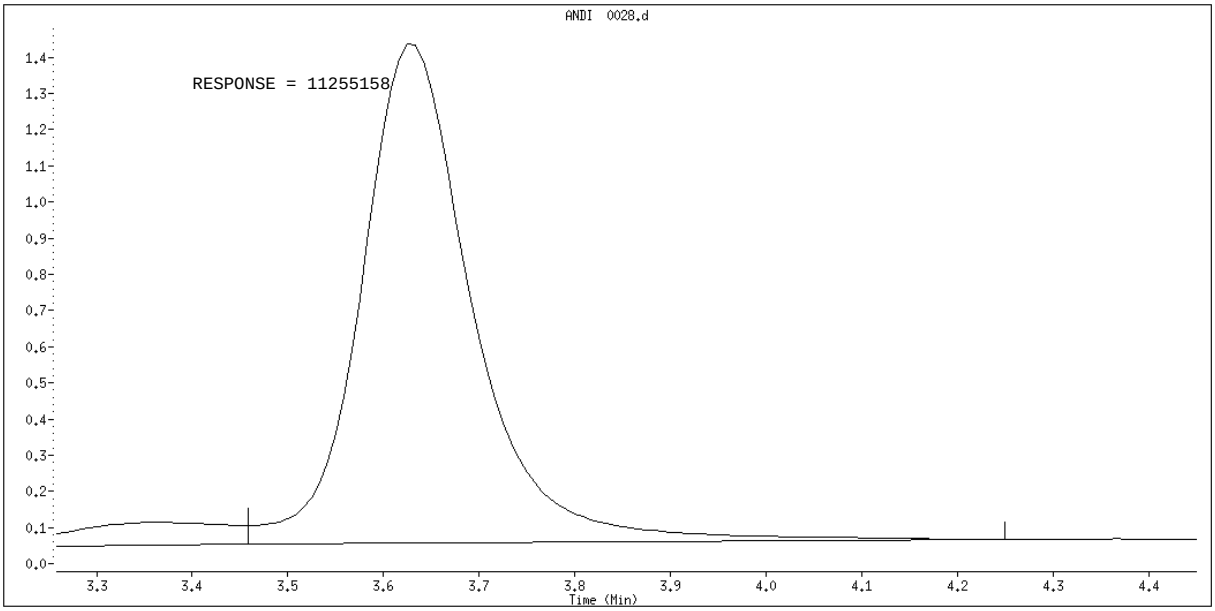
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0028.d
Inj. Date and Time: 01-JUN-2010 23:52
Instrument ID: ic120.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0029.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0029.d
Lab Smp Id: L1QXH MS
Inj Date : 02-JUN-2010 00:08
Operator : 001754 Inst ID: ic120.i
Smp Info : L1QXH MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

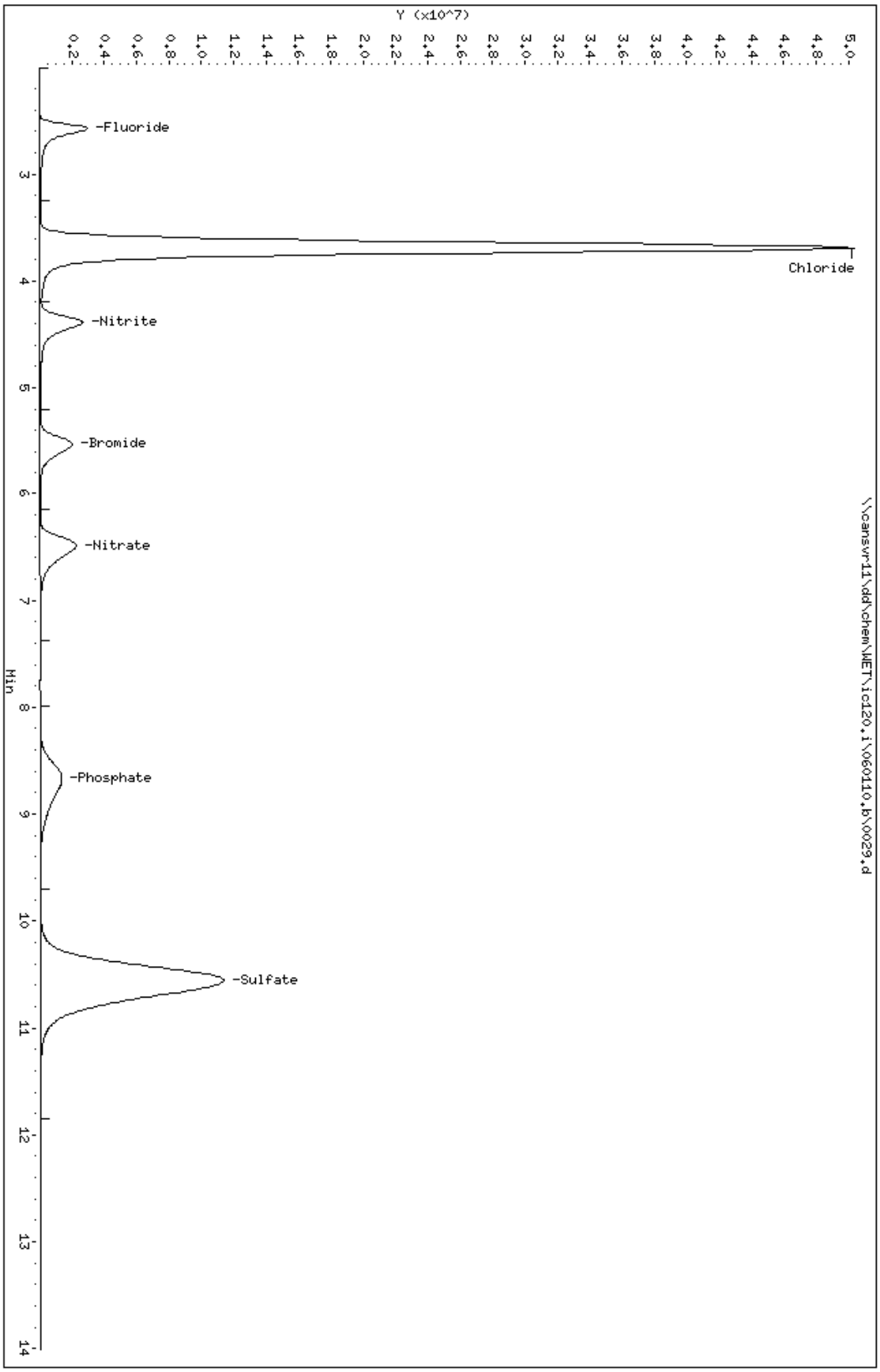
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.550	0.025	25965930	2.83897	2.839(R)
2 Chloride	3.691	3.658	0.033	380670367	49.5172	49.52
3 Nitrite	4.391	4.358	0.033	30083467	2.40351	2.404
4 Bromide	5.525	5.508	0.017	25082930	9.30382	9.304
5 Nitrate	6.491	6.466	0.025	34037451	2.29679	2.297
6 Phosphate	8.666	8.541	0.125	37006019	5.24588	5.246(R)
7 Sulfate	10.558	10.450	0.108	252965131	50.0586	50.06

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0029.d
Date : 02-JUN-2010 00:08
Client ID:
Sample Info: L1QXH MS,,3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0030.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0030.d
Lab Smp Id: L1Q4Q
Inj Date : 02-JUN-2010 00:25
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q4Q,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

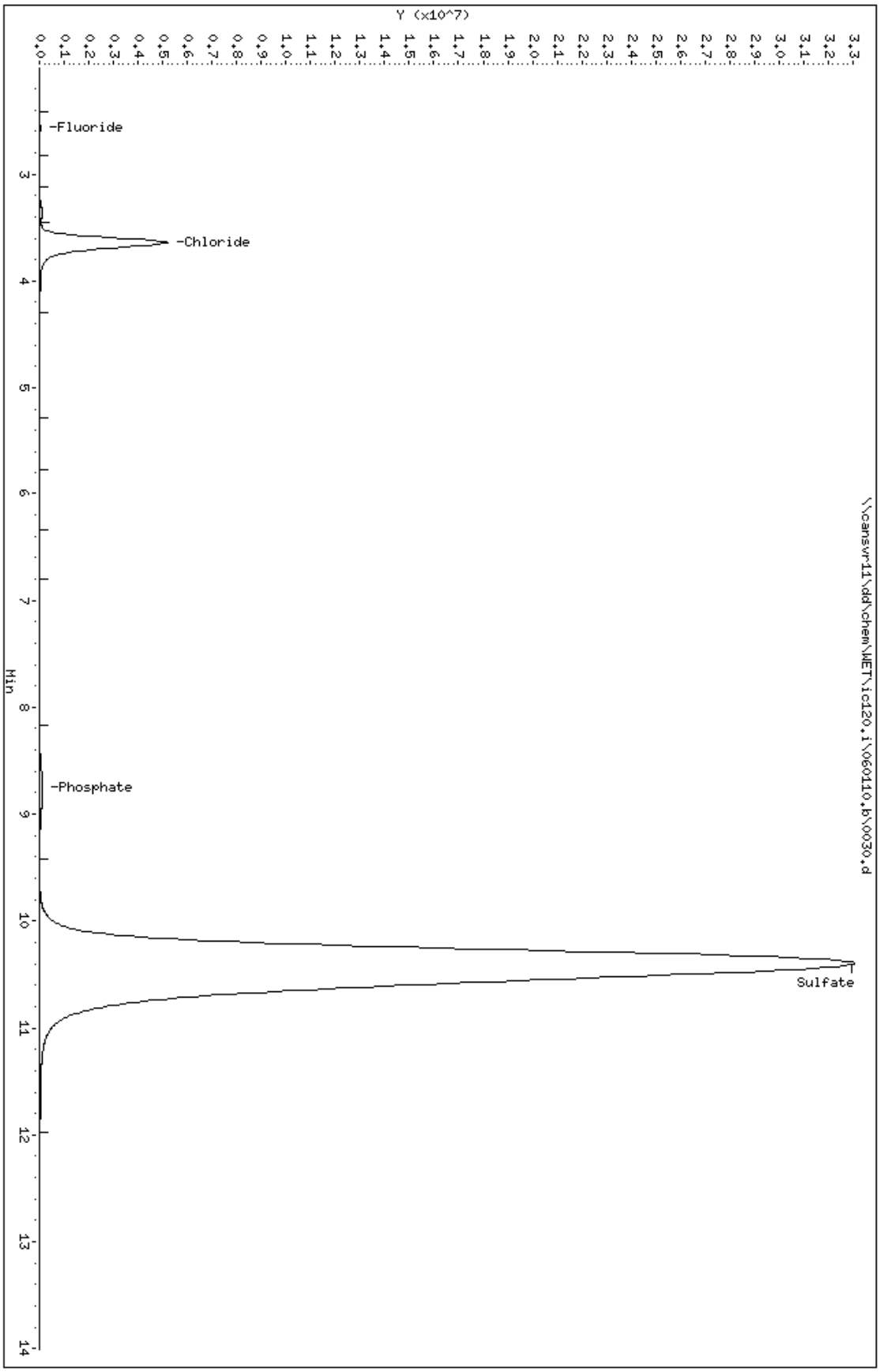
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.566	2.550	0.016	226020	0.02471	0.1236(a)
2 Chloride	3.641	3.658	-0.017	39700138	5.16415	25.82
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.758	8.541	0.217	3394814	0.43316	2.166
7 Sulfate	10.391	10.450	-0.059	729399740	144.339	721.7

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0030,d
Date : 02-JUN-2010 00:25
Client ID:
Sample Info: L1Q4Q,5
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0031.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0031.d
Lab Smp Id: L1Q45
Inj Date : 02-JUN-2010 00:41
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q45,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

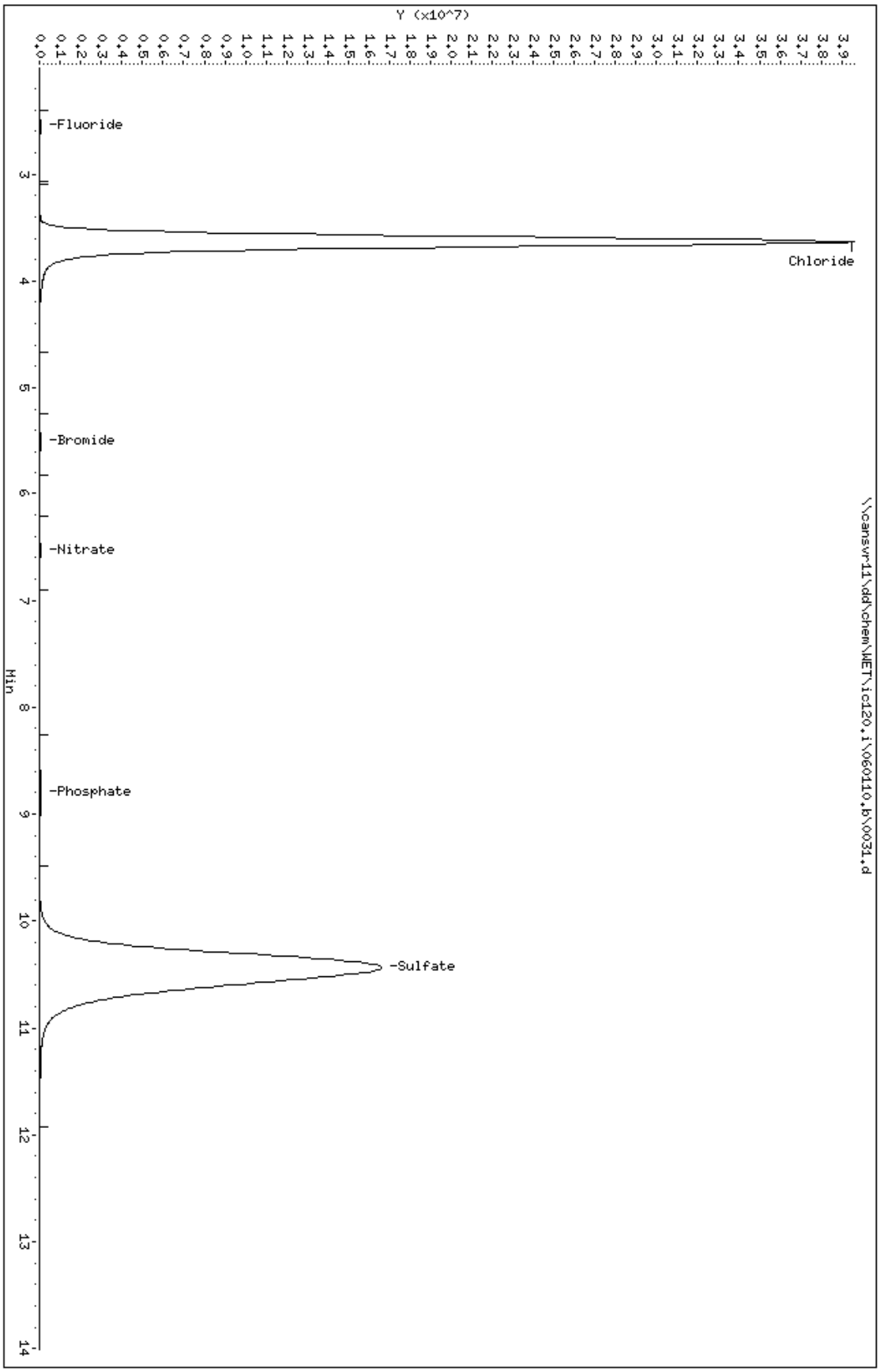
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.541	2.550	-0.009	724217	0.07918	0.3959
2 Chloride	3.633	3.658	-0.025	294917552	38.3625	191.8
3 Nitrite	Compound Not Detected.					
4 Bromide	5.500	5.508	-0.008	628842	0.23325	1.166
5 Nitrate	6.533	6.466	0.067	590862	0.03987	0.1994(a)
6 Phosphate	8.800	8.541	0.259	1490702	0.16051	0.8025
7 Sulfate	10.433	10.450	-0.017	368241141	72.8703	364.4

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0031.d
Date : 02-JUN-2010 00:41
Client ID:
Sample Info: L1045,5
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0032.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0032.d
Lab Smp Id: L1Q50
Inj Date : 02-JUN-2010 00:58
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q50,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

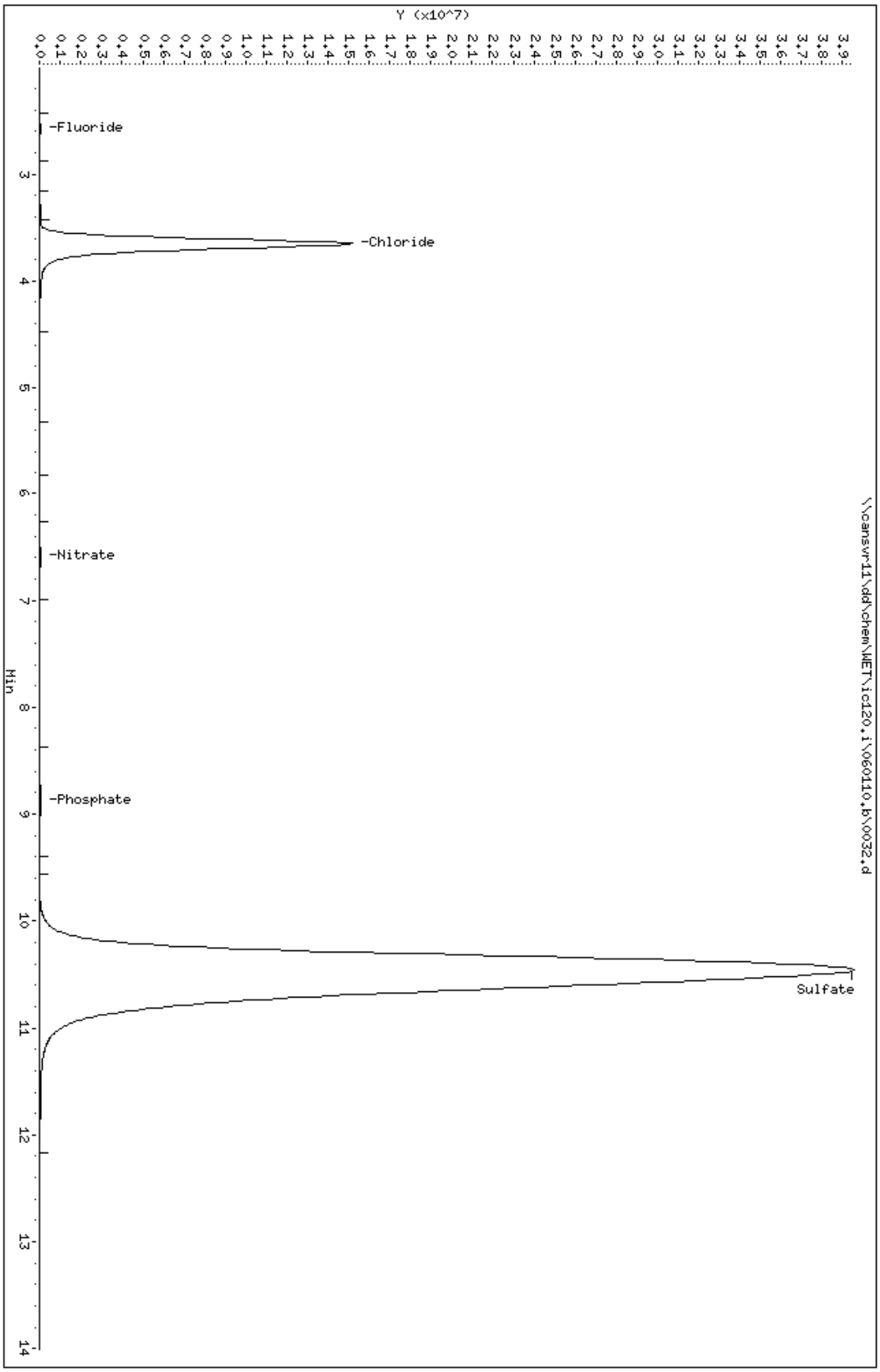
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.566	2.550	0.016	330611	0.03615	0.1807(a)
2 Chloride	3.650	3.658	-0.008	113904293	14.8165	74.08
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.583	6.466	0.117	682669	0.04607	0.2303(a)
6 Phosphate	8.875	8.541	0.334	1107173	0.10559	0.5280
7 Sulfate	10.458	10.450	0.008	887976841	175.719	878.6

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0032.d
Date : 02-JUN-2010 00:58
Client ID:
Sample Info: L1Q50,5
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0033.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0033.d
Lab Smp Id: L1Q54
Inj Date : 02-JUN-2010 01:14
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q54,20
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

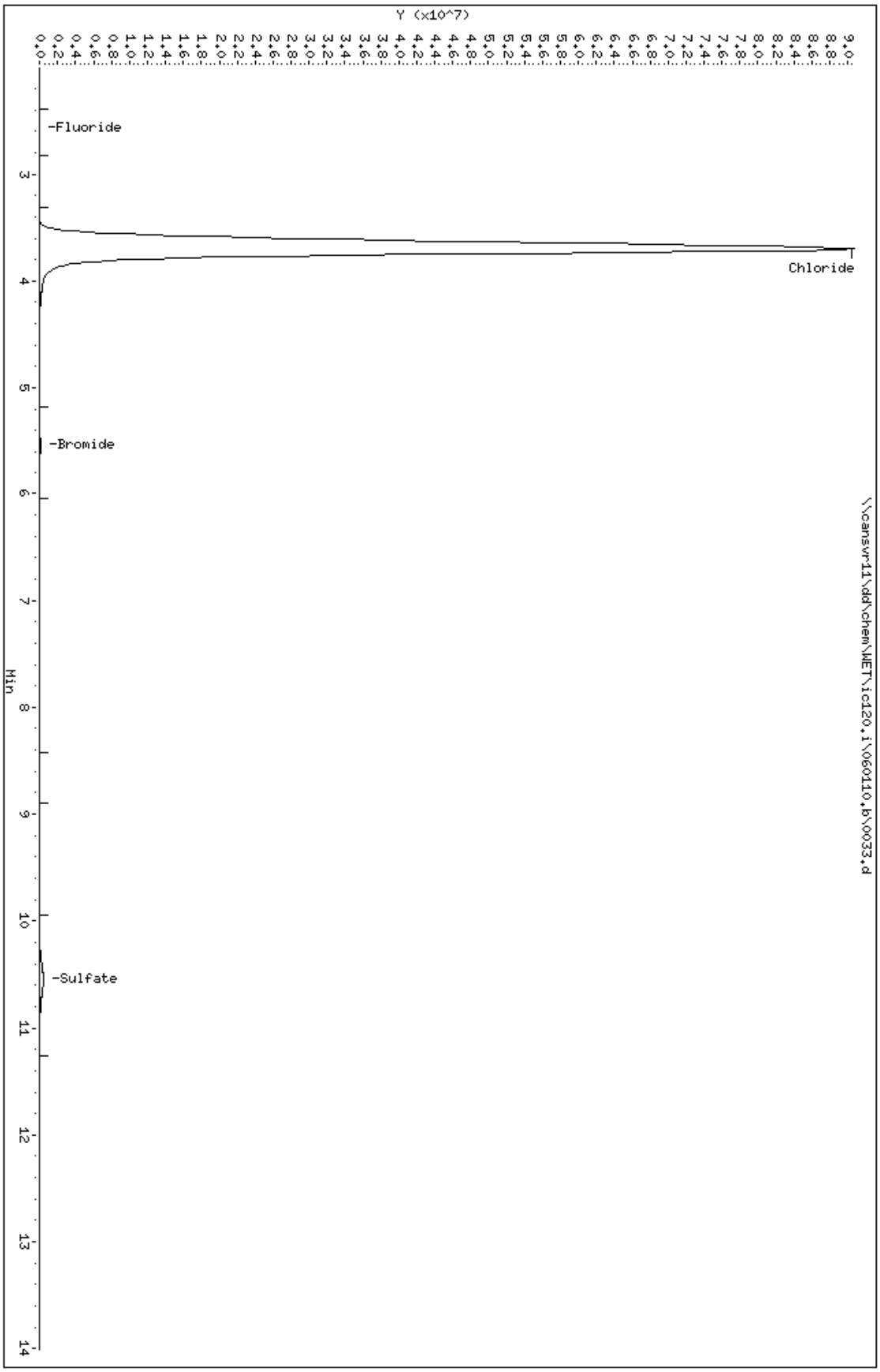
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.566	2.550	0.016	204847	0.02240	0.4479(a)
2 Chloride	3.700	3.658	0.042	747409616	97.2222	1944
3 Nitrite	Compound Not Detected.					
4 Bromide	5.533	5.508	0.025	1484157	0.55051	11.01
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.541	10.450	0.091	9538067	1.88746	37.75

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0033.d
Date : 02-JUN-2010 01:14
Client ID:
Sample Info: L1Q54,20
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0034.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0034.d
Lab Smp Id: L1Q58
Inj Date : 02-JUN-2010 01:30
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q58,20
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

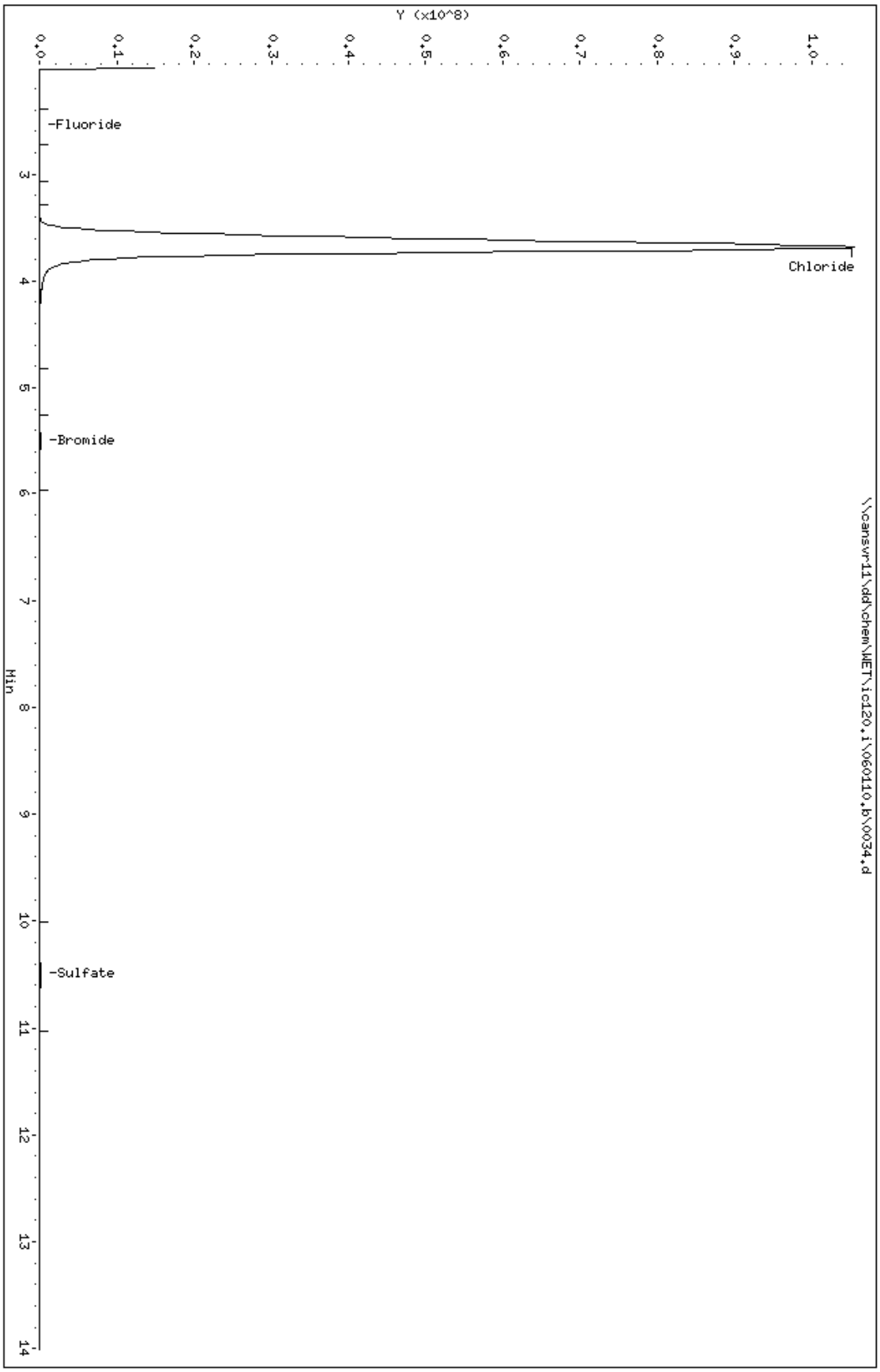
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.541	2.550	-0.009	254519	0.02783	0.5566(a)
2 Chloride	3.683	3.658	0.025	900276465	117.107	2342
3 Nitrite	Compound Not Detected.					
4 Bromide	5.491	5.508	-0.017	1513010	0.56121	11.22
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.500	10.450	0.050	2162752	0.42798	8.560(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0034.d
Date : 02-JUN-2010 01:30
Client ID:
Sample Info: L1Q88,20
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0035.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0035.d
Lab Smp Id: L1Q64
Inj Date : 02-JUN-2010 01:47
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q64,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

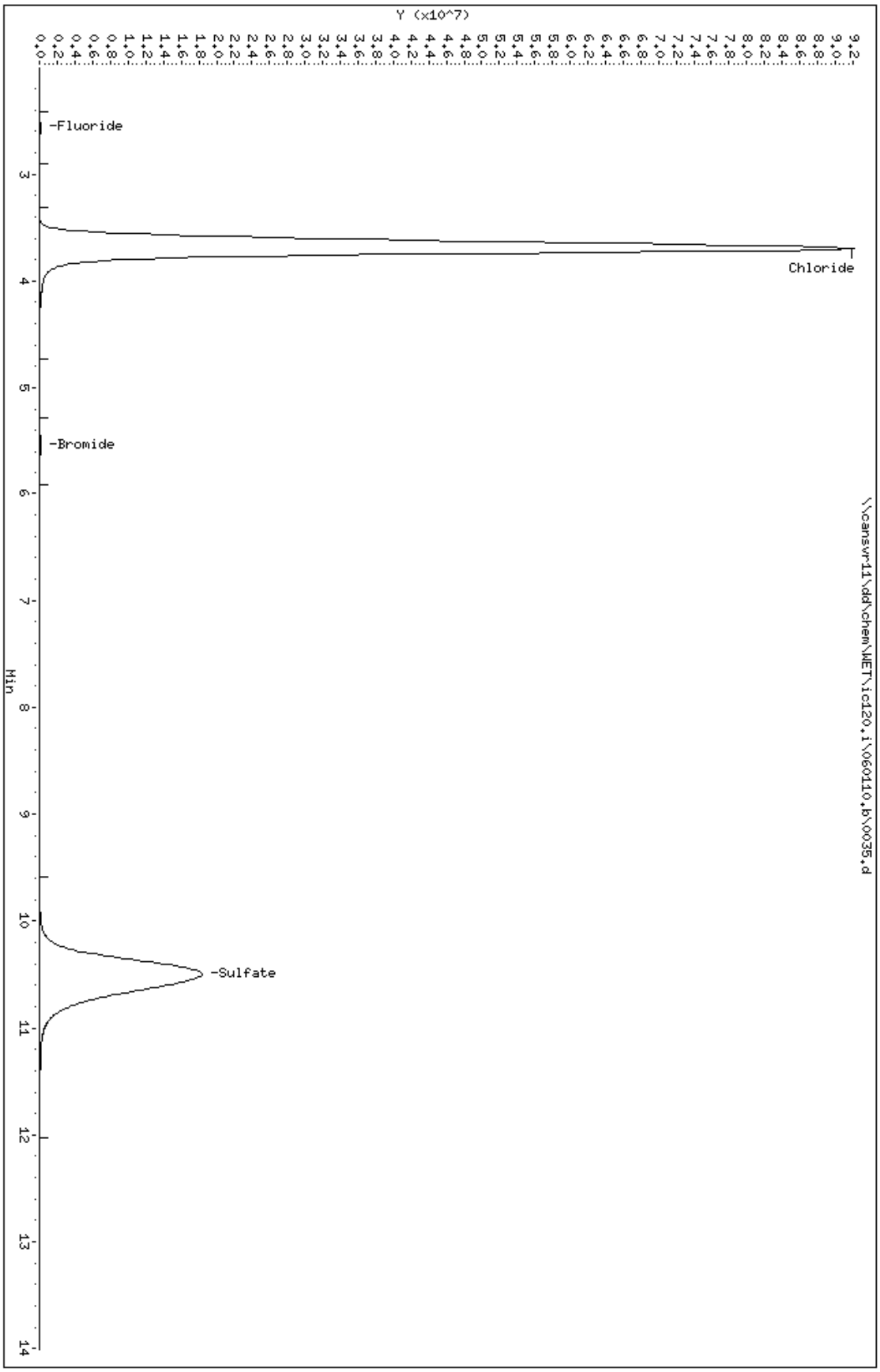
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.558	2.550	0.008	760695	0.08317	0.4158
2 Chloride	3.700	3.658	0.042	766240136	99.6717	498.4
3 Nitrite	Compound Not Detected.					
4 Bromide	5.533	5.508	0.025	1327524	0.49241	2.462
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.500	10.450	0.050	408591098	80.8550	404.3

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0035.d
Date : 02-JUN-2010 01:47
Client ID:
Sample Info: L1064,5
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0036.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 02-JUN-2010 02:03
Lab File ID: 0036.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	8890346	8890346	0.010	2.79805	10.00000	Averaged
2 Chloride	7687643	8046381	8046381	0.010	-4.66643	10.00000	Averaged
3 Nitrite	12516496	12369137	12369137	0.010	1.17732	10.00000	Averaged
4 Bromide	2695983	2592092	2592092	0.010	3.85353	10.00000	Averaged
5 Nitrate	14819560	14551095	14551095	0.010	1.81156	10.00000	Averaged
6 Phosphate	2.50000	2.72088	7748766	0.010	-8.83538	10.00000	Linear
7 Sulfate	5053378	4870625	4870625	0.010	3.61645	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0036.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0036.d
Lab Smp Id: CCV
Inj Date : 02-JUN-2010 02:03
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

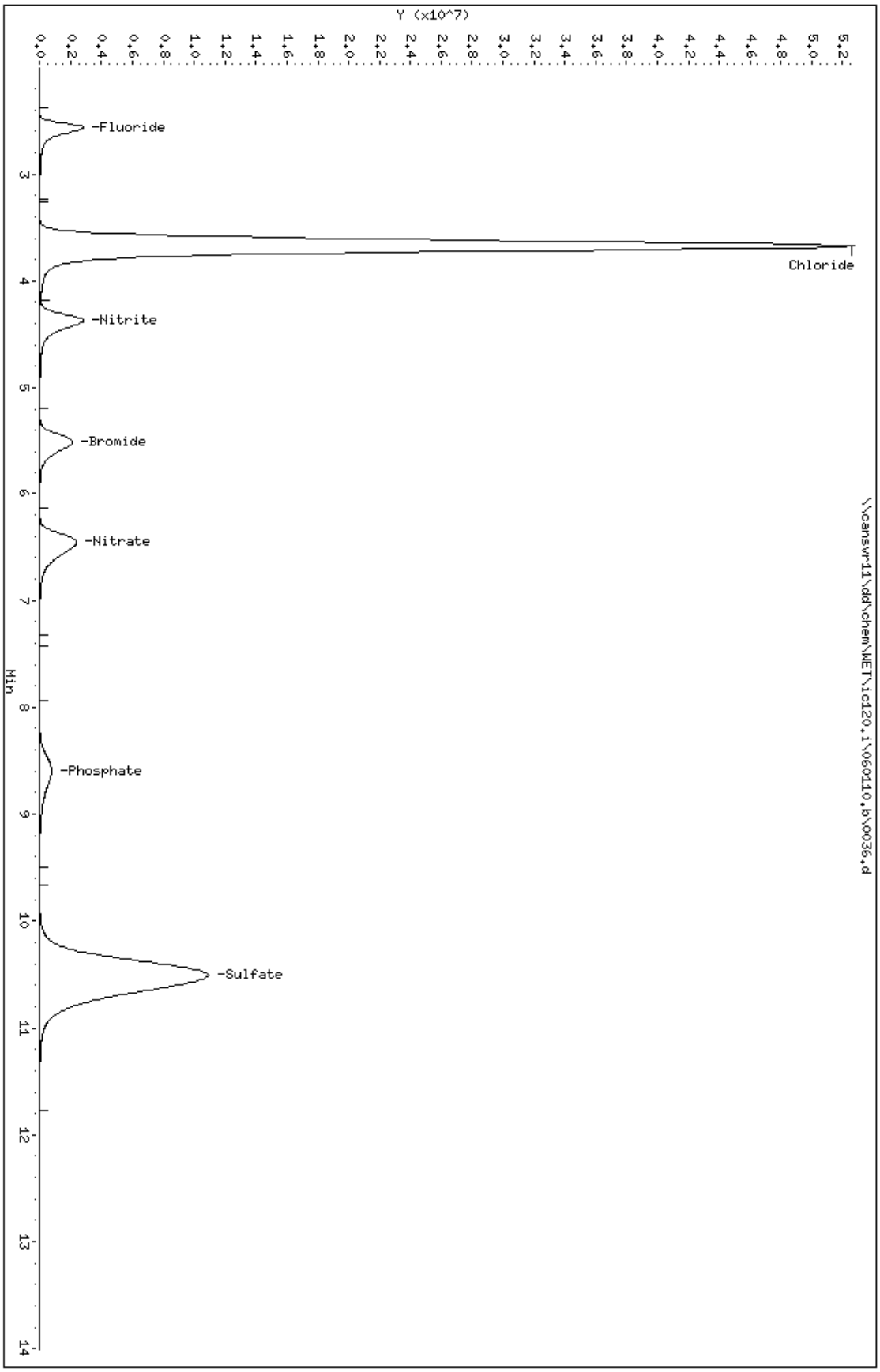
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.566	2.566	0.000	22225866	2.50000	2.430
2 Chloride	3.675	3.675	0.000	402319045	50.0000	52.33
3 Nitrite	4.375	4.375	0.000	30922842	2.50000	2.470
4 Bromide	5.508	5.508	0.000	25920921	10.0000	9.615
5 Nitrate	6.458	6.458	0.000	36377737	2.50000	2.455
6 Phosphate	8.600	8.600	0.000	19371915	2.50000	2.721
7 Sulfate	10.508	10.508	0.000	243531255	50.0000	48.19

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0036.d
Date : 02-JUN-2010 02:03
Client ID:
Sample Info: CCV,,2
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0037.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0037.d
Lab Smp Id: CCB
Inj Date : 02-JUN-2010 02:20
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

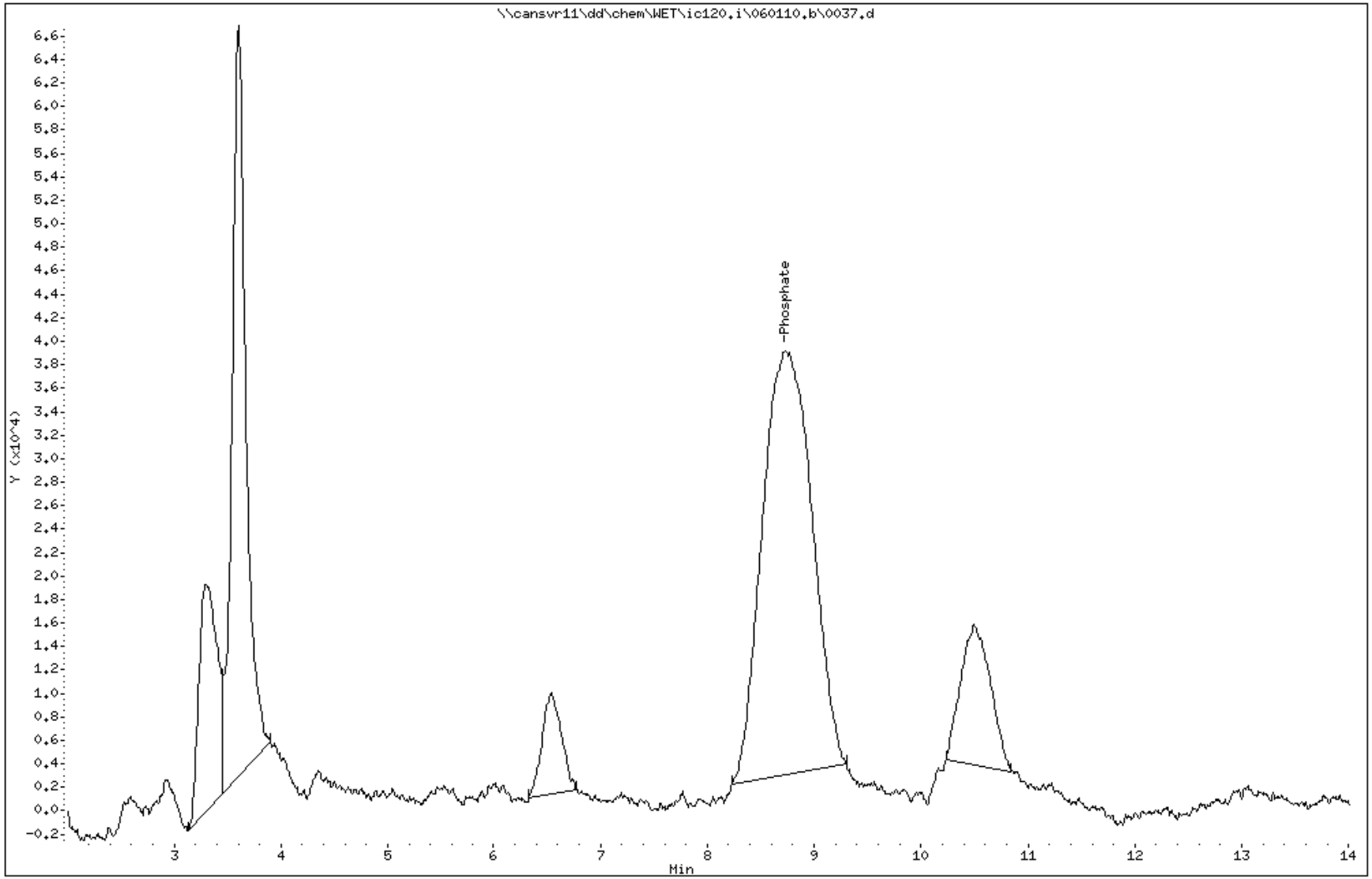
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.733	8.600	0.133	1162954	0.11358	0.1136
7 Sulfate	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0037.d
Date : 02-JUN-2010 02:20
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0038.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0038.d
Lab Smp Id: LCS
Inj Date : 02-JUN-2010 02:36
Operator : 001754 Inst ID: ic120.i
Smp Info : LCS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

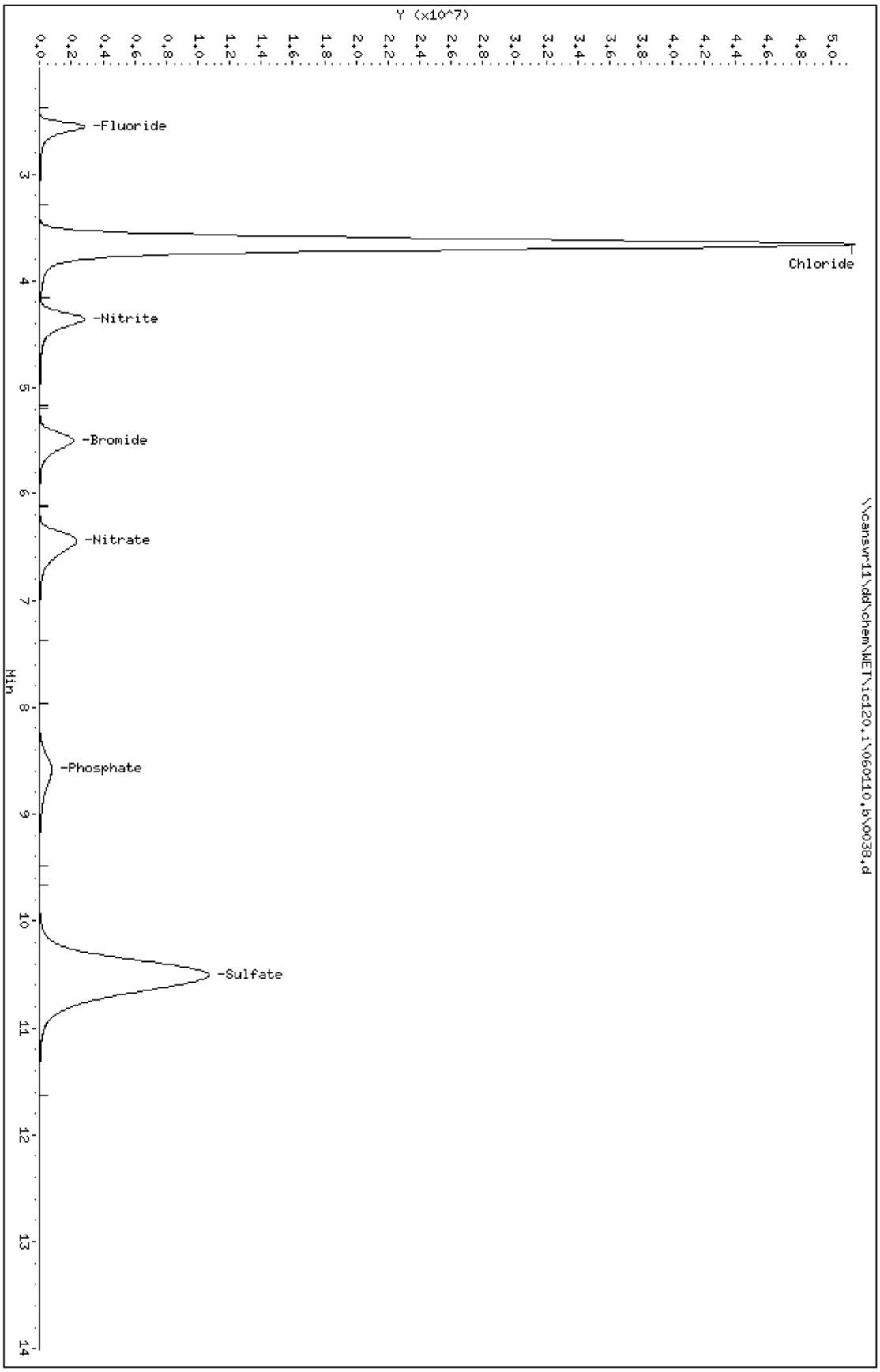
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.558	2.566	-0.008	21929274	2.39762	2.398
2 Chloride	3.658	3.675	-0.017	392310177	51.0313	51.03
3 Nitrite	4.358	4.375	-0.017	30982692	2.47535	2.475
4 Bromide	5.491	5.508	-0.017	25438449	9.43569	9.436
5 Nitrate	6.441	6.458	-0.017	35805165	2.41607	2.416
6 Phosphate	8.583	8.600	-0.017	19025274	2.67125	2.671
7 Sulfate	10.508	10.508	0.000	239902868	47.4738	47.47

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0038.d
Date : 02-JUN-2010 02:36
Client ID:
Sample Info: LCS,3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



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Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0039.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0039.d
Lab Smp Id: LCS DUP
Inj Date : 02-JUN-2010 02:52
Operator : 001754 Inst ID: ic120.i
Smp Info : LCS DUP,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

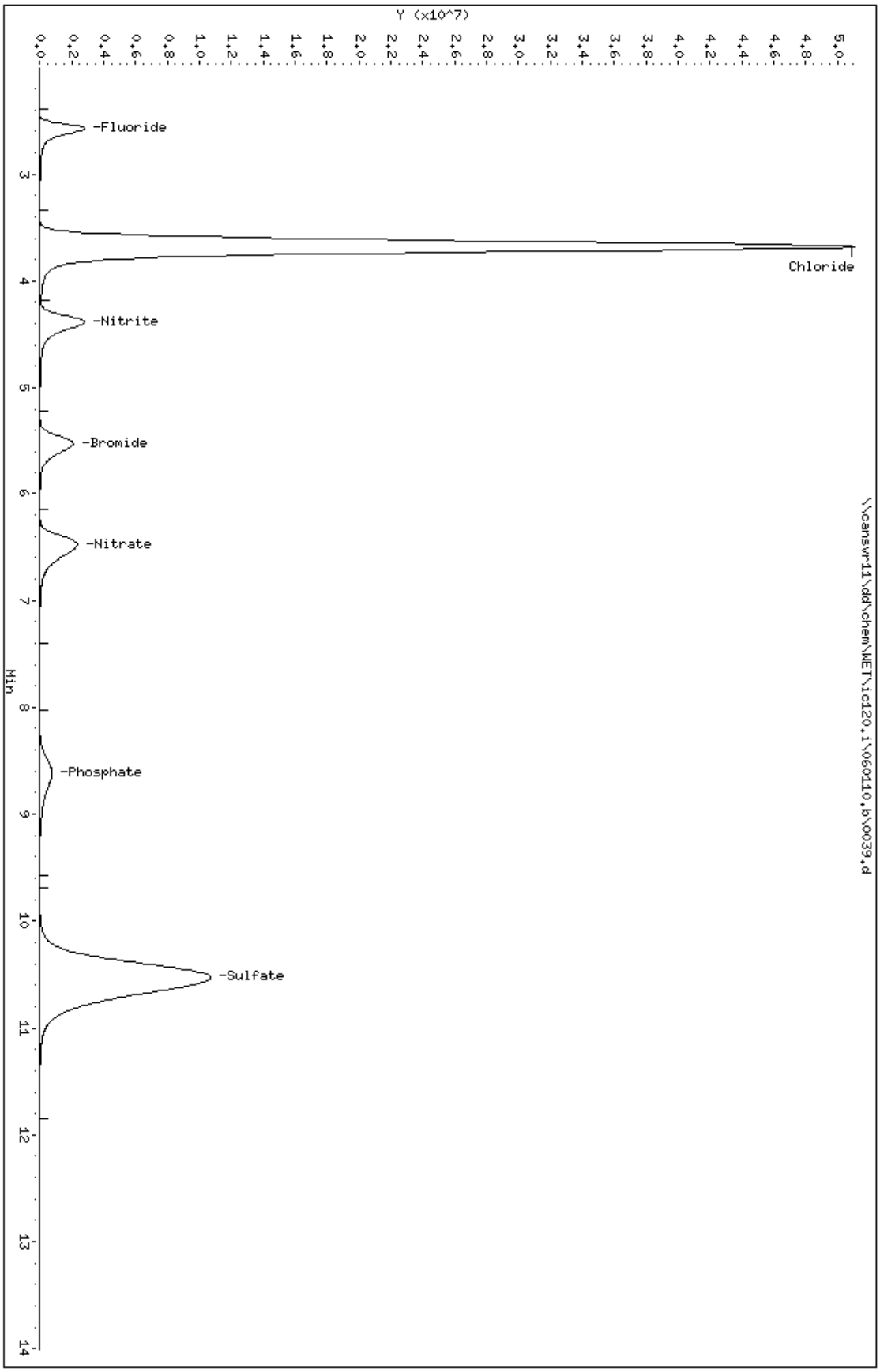
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.566	0.009	22443488	2.45384	2.454
2 Chloride	3.683	3.675	0.008	394844819	51.3610	51.36
3 Nitrite	4.383	4.375	0.008	32283844	2.57930	2.579
4 Bromide	5.525	5.508	0.017	26478972	9.82164	9.822
5 Nitrate	6.475	6.458	0.017	36396235	2.45596	2.456
6 Phosphate	8.616	8.600	0.016	19192197	2.69515	2.695
7 Sulfate	10.525	10.508	0.017	239705794	47.4348	47.43

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0039.d
Date : 02-JUN-2010 02:52
Client ID:
Sample Info: LCS DUP,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0040.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0040.d
Lab Smp Id: L1Q66
Inj Date : 02-JUN-2010 03:09
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q66,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

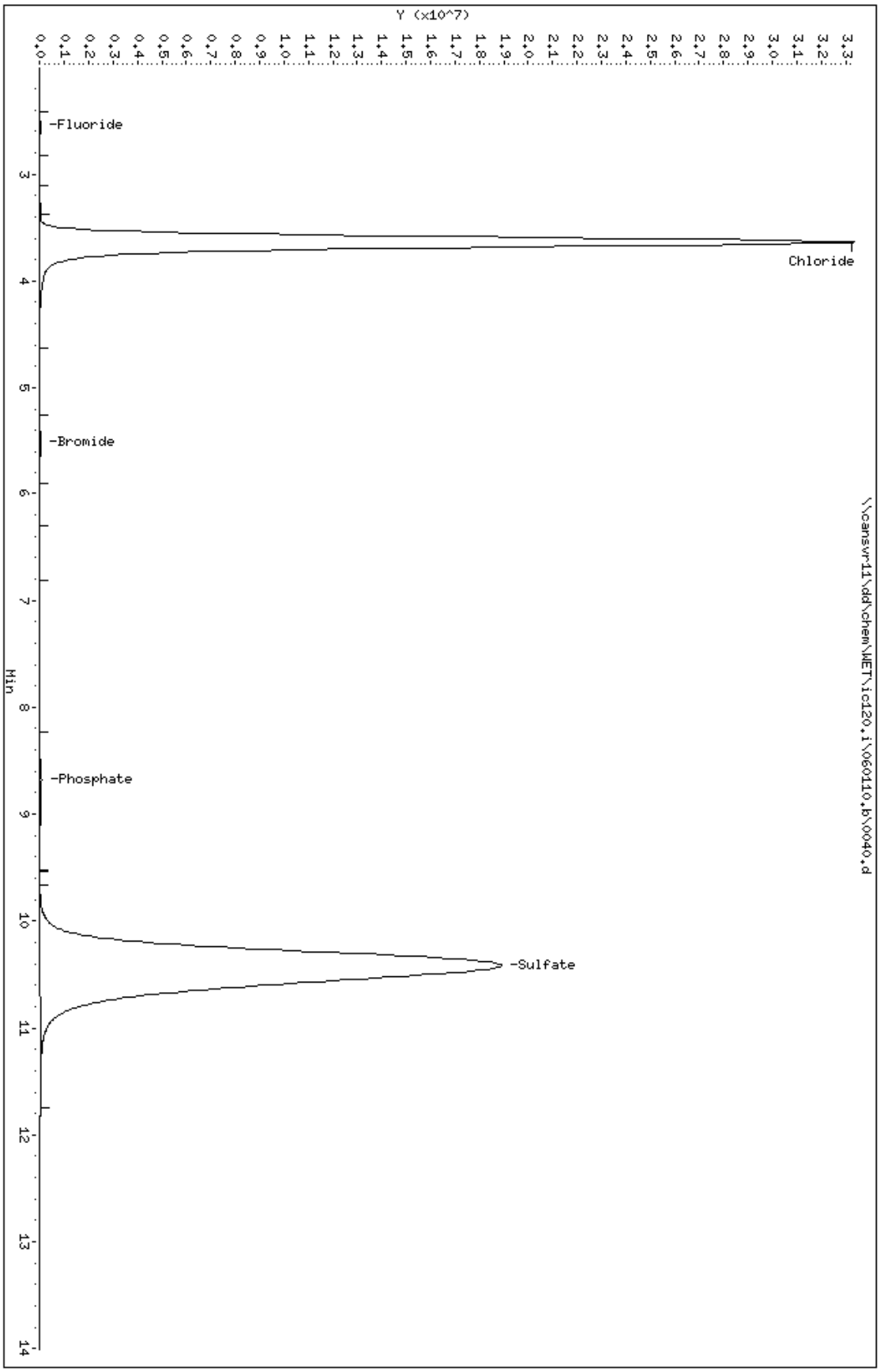
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.550	2.566	-0.016	433313	0.04738	0.2369(a)
2 Chloride	3.633	3.675	-0.042	247570435	32.2037	161.0
3 Nitrite	Compound Not Detected.					
4 Bromide	5.508	5.508	0.000	603038	0.22368	1.118
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.683	8.600	0.083	1992498	0.23236	1.162
7 Sulfate	10.416	10.508	-0.092	416196202	82.3600	411.8

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0040.d
Date : 02-JUN-2010 03:09
Client ID:
Sample Info: L1066,5
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0041.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0041.d
Lab Smp Id: L1Q69
Inj Date : 02-JUN-2010 03:25
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q69,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

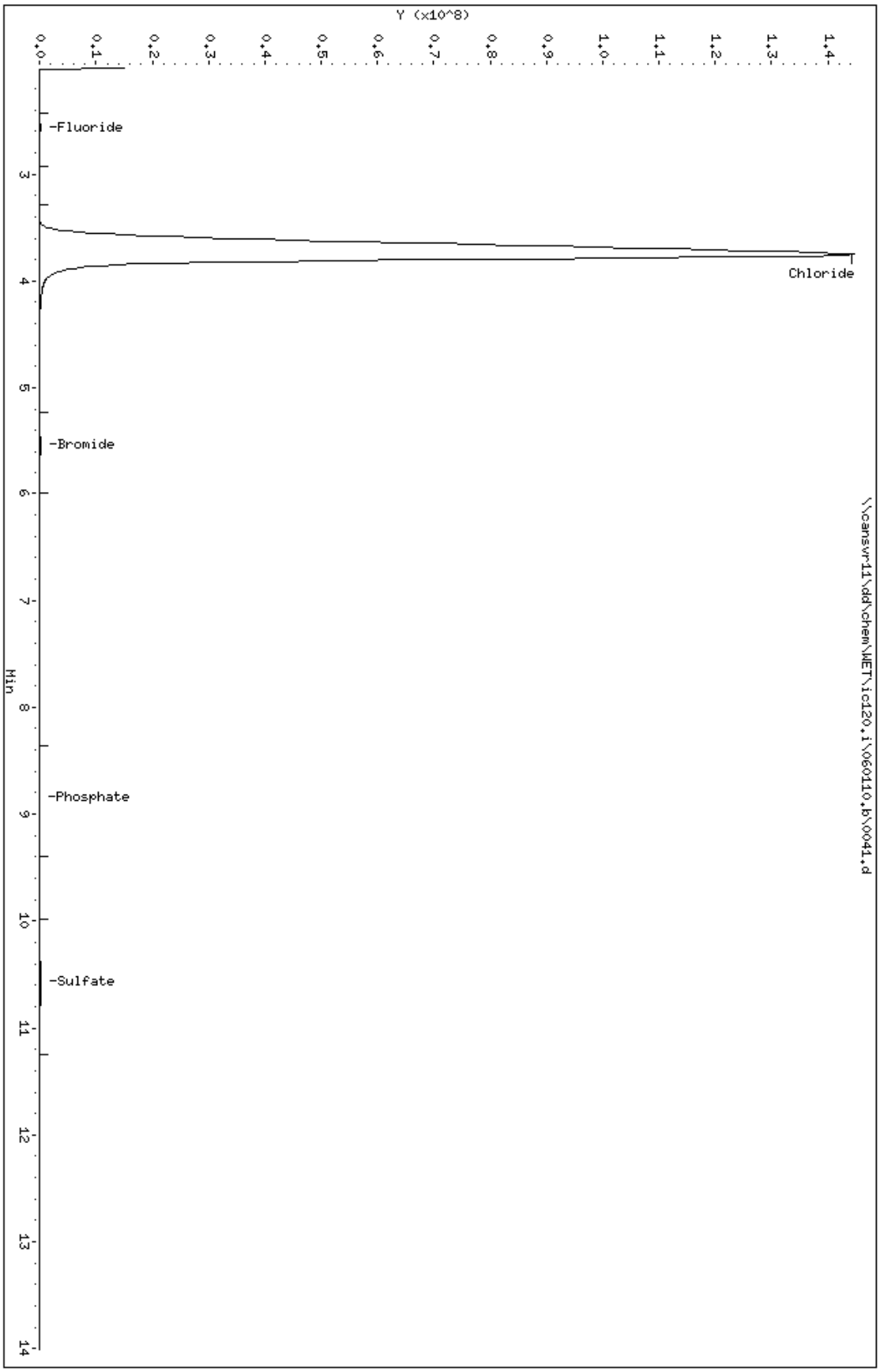
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.566	2.566	0.000	1116449	0.12207	0.6103
2 Chloride	3.750	3.675	0.075	1389245679	180.712	903.6
3 Nitrite	Compound Not Detected.					
4 Bromide	5.533	5.508	0.025	2462778	0.91350	4.567
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.841	8.600	0.241	825962	0.06533	0.3266
7 Sulfate	10.575	10.508	0.067	6876853	1.36084	6.804

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0041.d
Date : 02-JUN-2010 03:25
Client ID:
Sample Info: L1069,5
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0042.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0042.d
Lab Smp Id: L1Q7J
Inj Date : 02-JUN-2010 03:42
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q7J,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

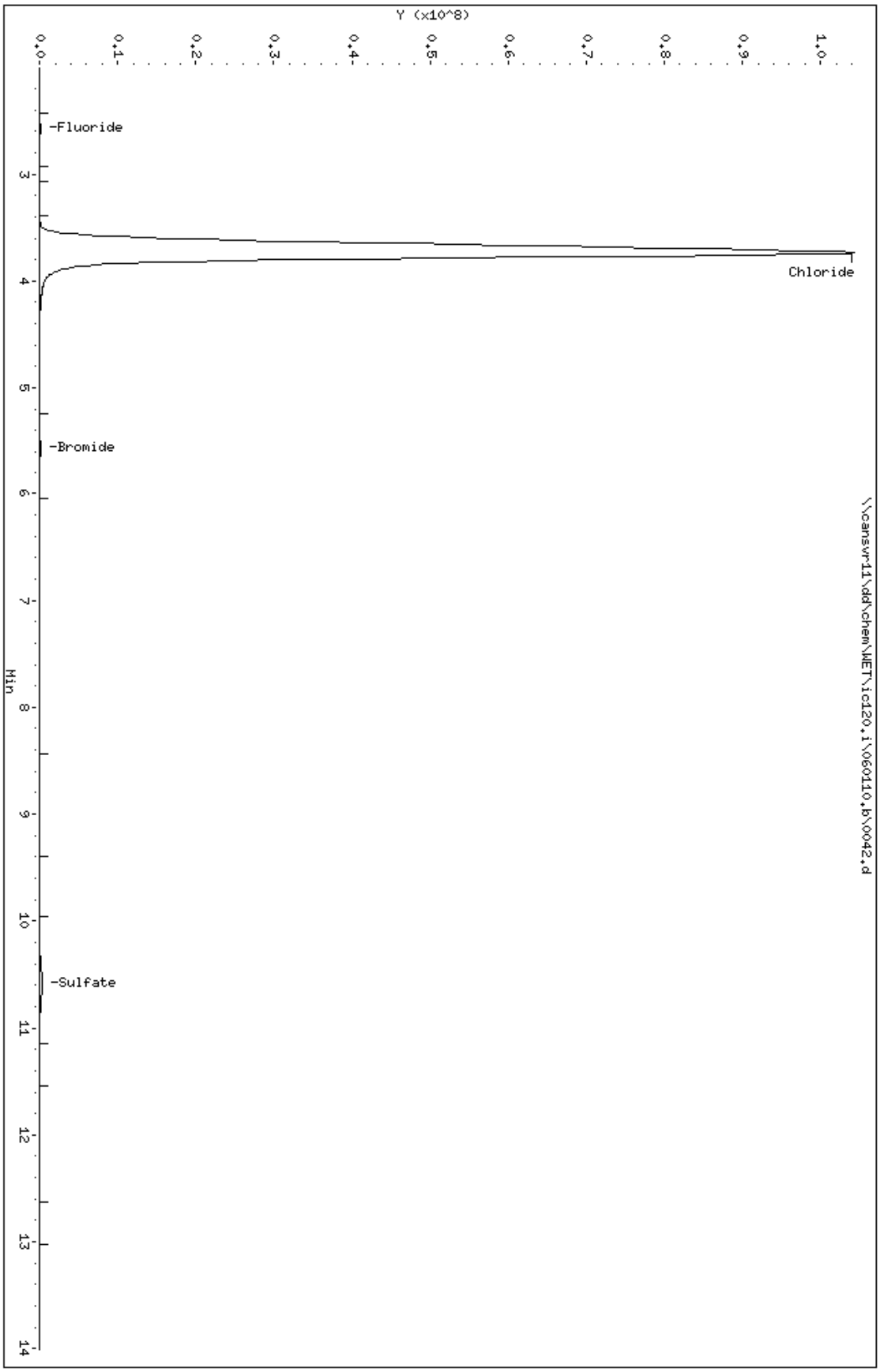
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.575	2.566	0.009	1095917	0.11982	0.5991
2 Chloride	3.733	3.675	0.058	887159835	115.401	577.0
3 Nitrite	Compound Not Detected.					
4 Bromide	5.558	5.508	0.050	1753788	0.65052	3.252
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.583	10.508	0.075	7950933	1.57339	7.867

Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0042.d
Date : 02-JUN-2010 03:42
Client ID:
Sample Info: L1Q7J,5
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0043.d
Report Date: 02-Jun-2010 09:31

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ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0043.d
Lab Smp Id: L1Q7V
Inj Date : 02-JUN-2010 03:58
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q7V,5
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

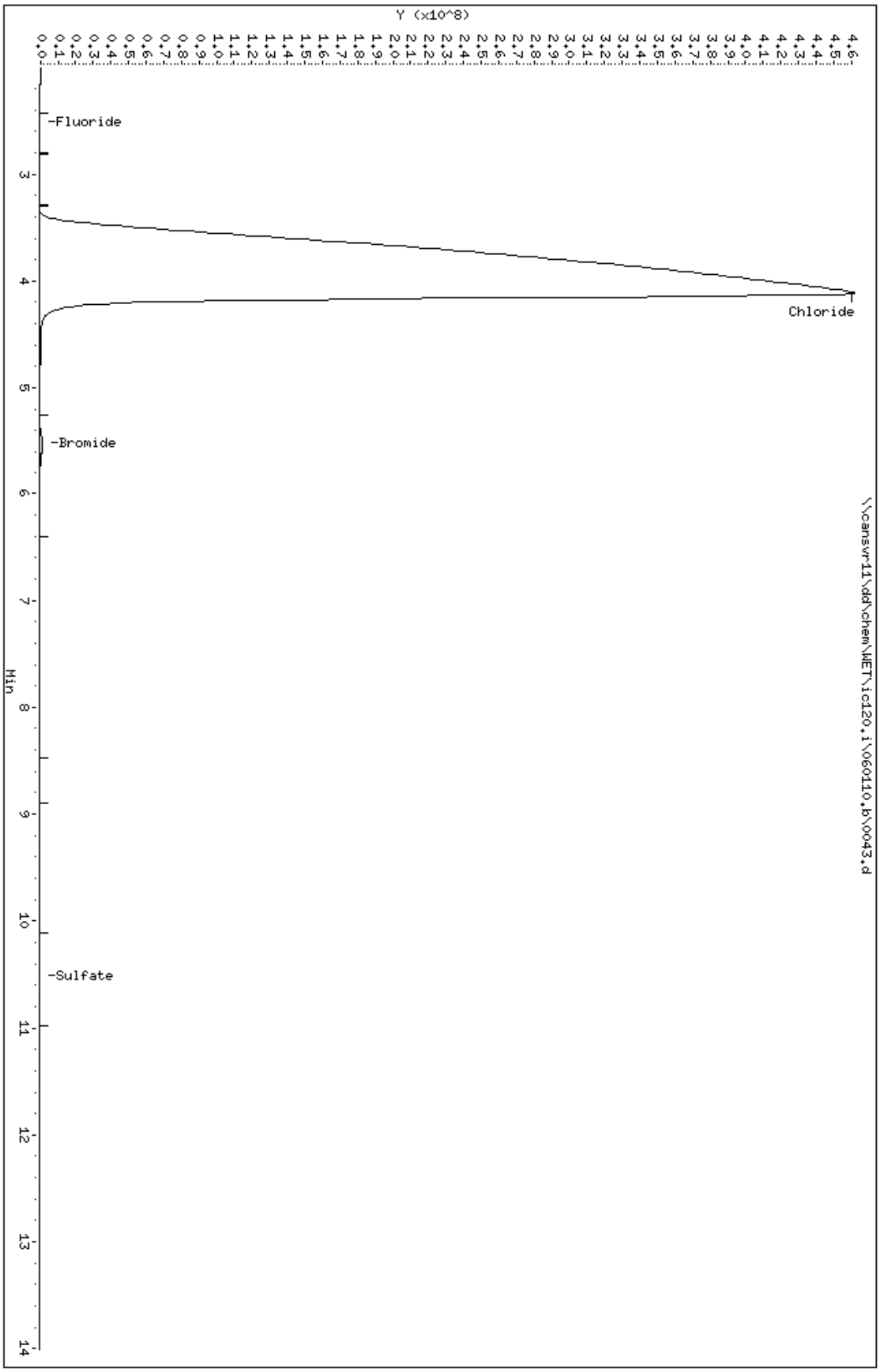
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.525	2.583	-0.058	291344	0.03185	0.1593(a)
2 Chloride	4.108	3.700	0.408	12245777662	1592.92	7964(AM)
3 Nitrite	Compound Not Detected.					
4 Bromide	5.525	5.541	-0.016	22552770	8.36532	41.83
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.525	10.541	-0.016	662010	0.13100	0.6550(a)

QC Flag Legend

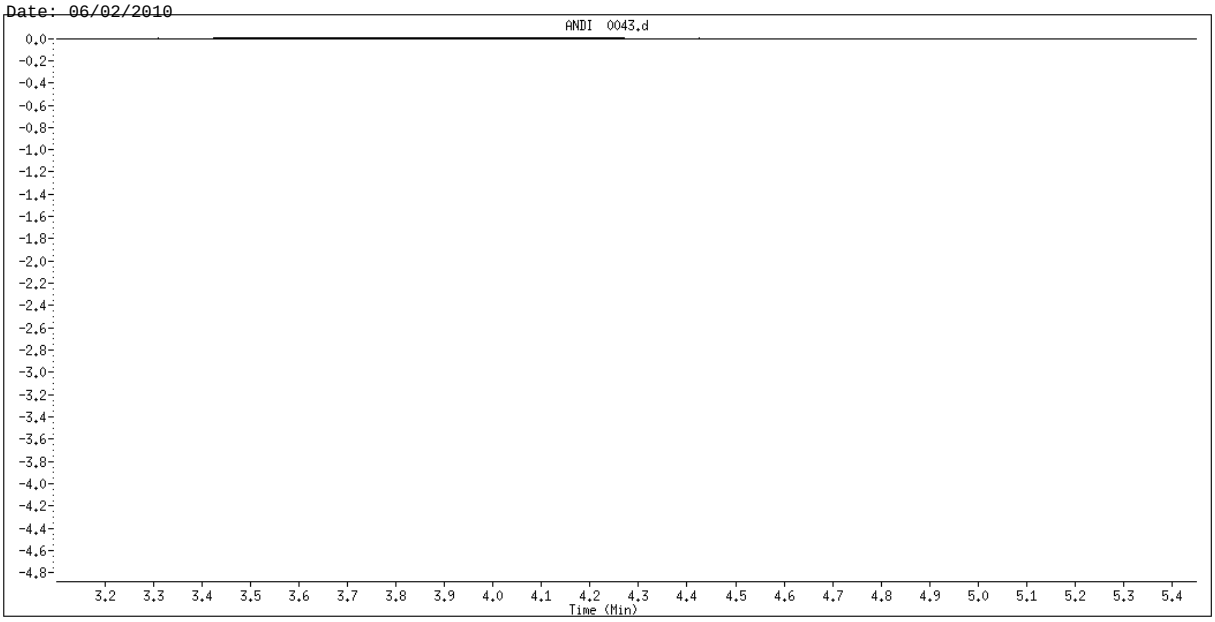
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0043.d
Date : 02-JUN-2010 03:58
Client ID:
Sample Info: L1Q7V,5
Purge Volume: 1.0
Column phase: AS14

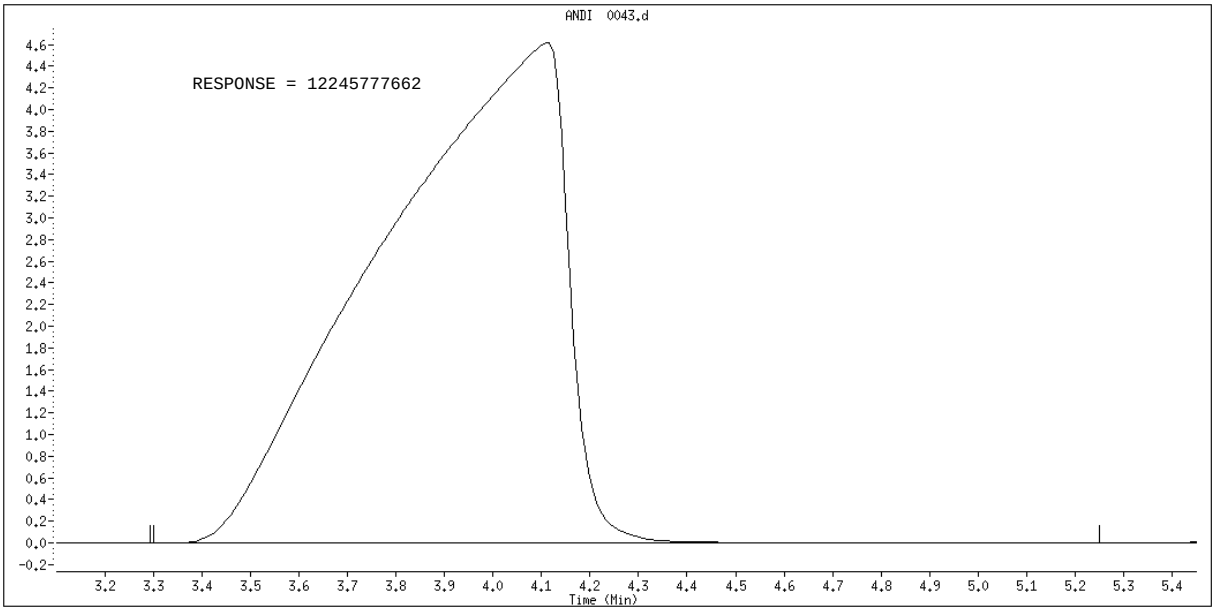
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0043.d
Inj. Date and Time: 02-JUN-2010 03:58
Instrument ID: ic120.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0044.d
Report Date: 02-Jun-2010 09:32

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Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0044.d
Lab Smp Id: L1Q70
Inj Date : 02-JUN-2010 04:15
Operator : 001754 Inst ID: ic120.i
Smp Info : L1Q70
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

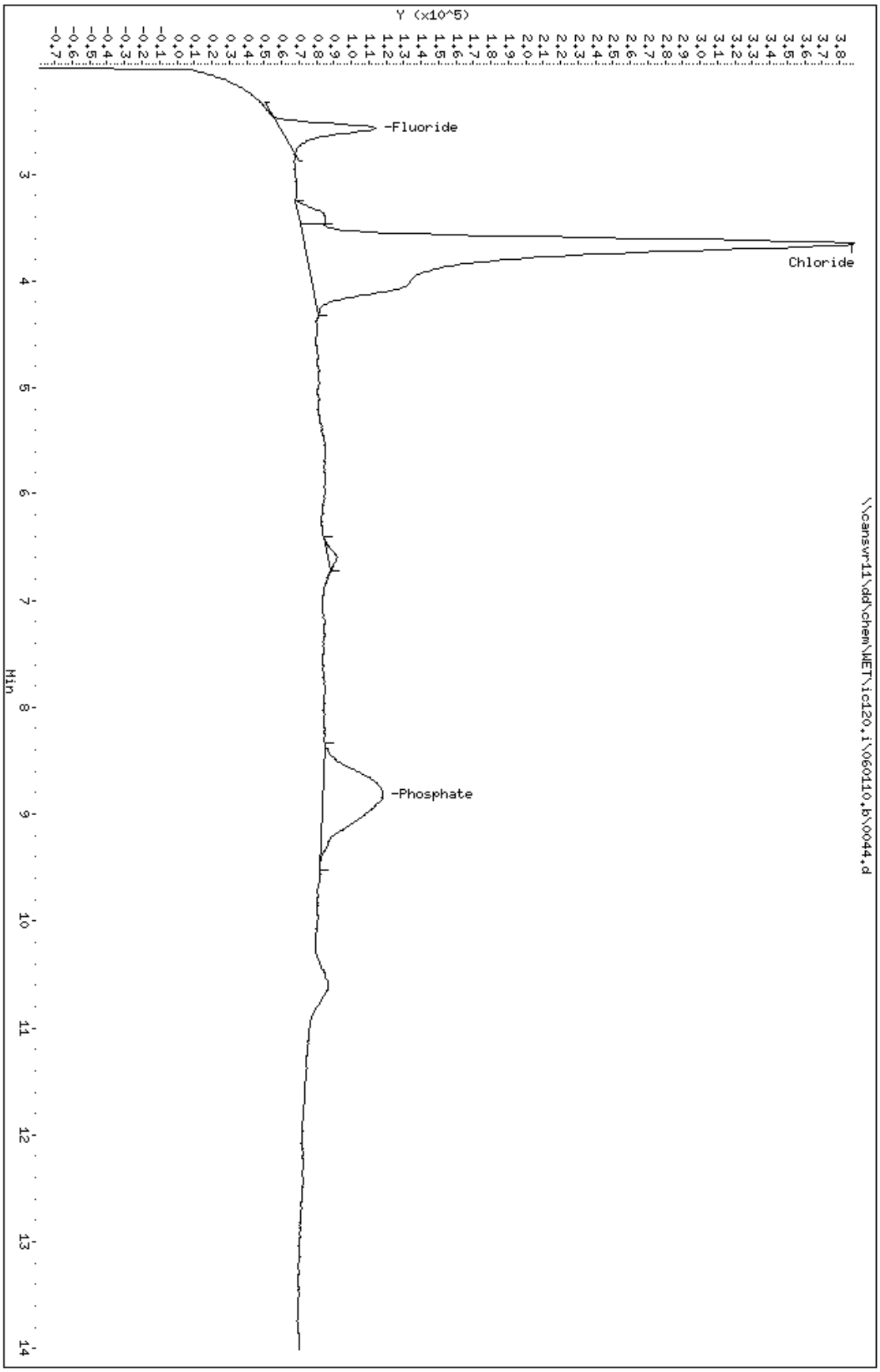
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

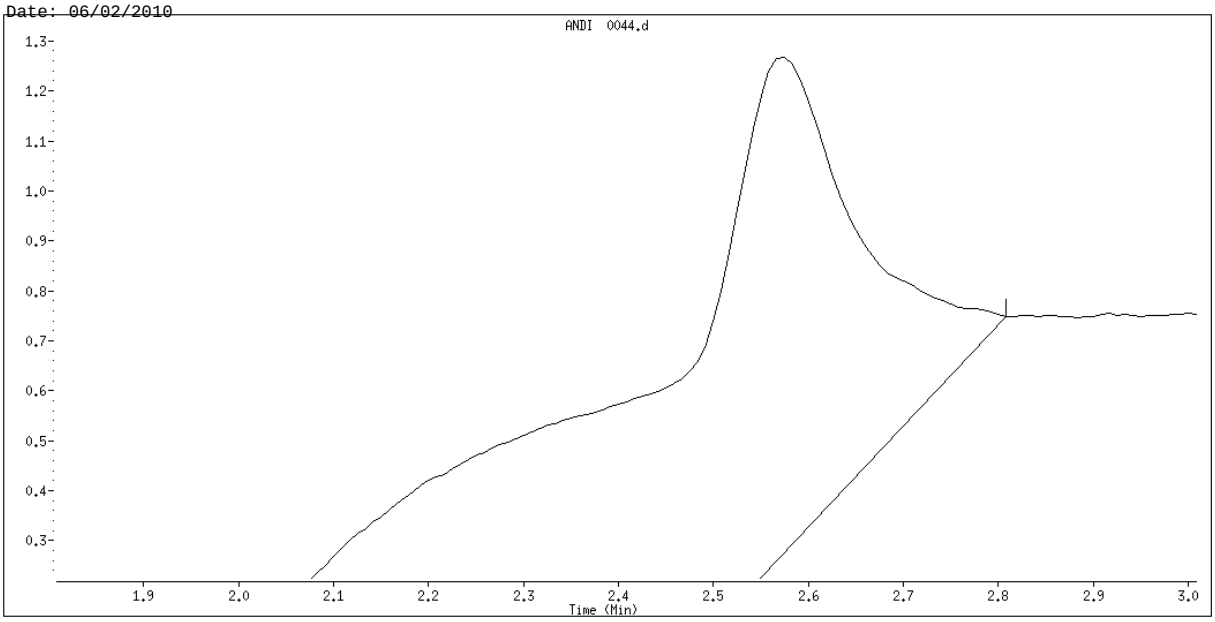
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.575	2.583	-0.008	409395	0.04476	0.04476(aM)
2 Chloride	3.650	3.700	-0.050	4523287	0.58838	0.5884(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.816	8.625	0.191	1075006	0.10099	0.1010
7 Sulfate	Compound Not Detected.					

QC Flag Legend

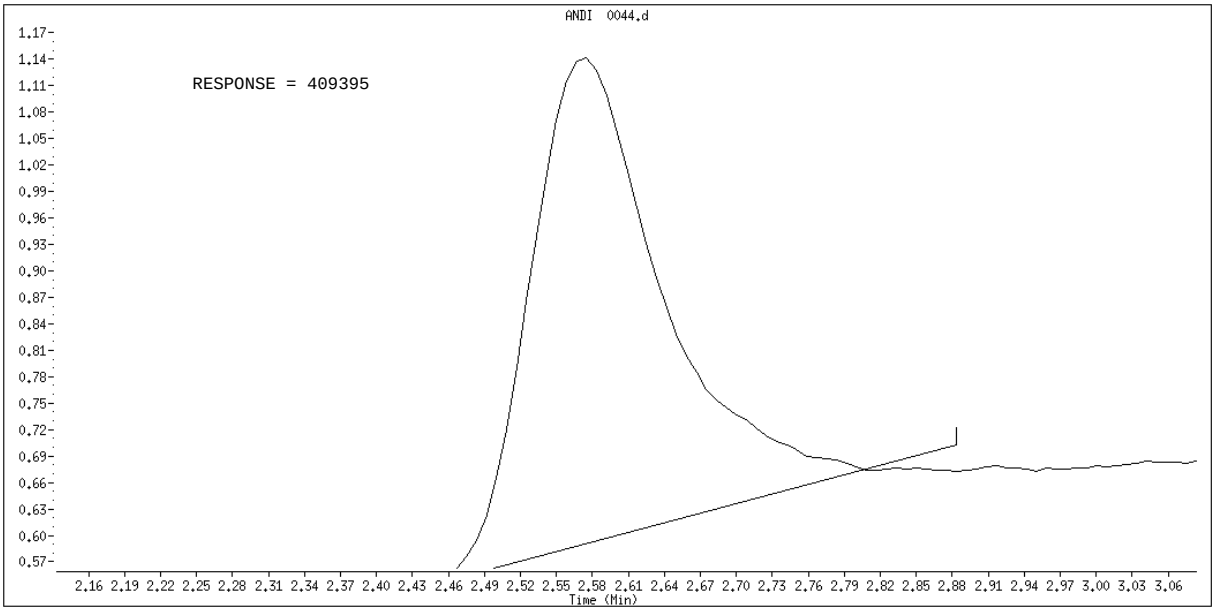
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0044.d
Date : 02-JUN-2010 04:15
Client ID:
Sample Info: L1Q70
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\060110,b\0044.d
Y (x10^5)
-Fluoride
Chloride
-Phosphate
Min

Data File Name: 0044.d
Inj. Date and Time: 02-JUN-2010 04:15
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0045.d
Report Date: 02-Jun-2010 09:28

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 02-JUN-2010 04:31
Lab File ID: 0045.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	8934464	8934464	0.010	2.31569	10.00000	Averaged
2 Chloride	7687643	8096452	8096452	0.010	-5.31775	10.00000	Averaged
3 Nitrite	12516496	12375490	12375490	0.010	1.12656	10.00000	Averaged
4 Bromide	2695983	2596009	2596009	0.010	3.70825	10.00000	Averaged
5 Nitrate	14819560	14677282	14677282	0.010	0.96007	10.00000	Averaged
6 Phosphate	2.50000	2.76261	7865332	0.010	-10.50446	10.00000	Linear <-
7 Sulfate	5053378	4901208	4901208	0.010	3.01125	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0045.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

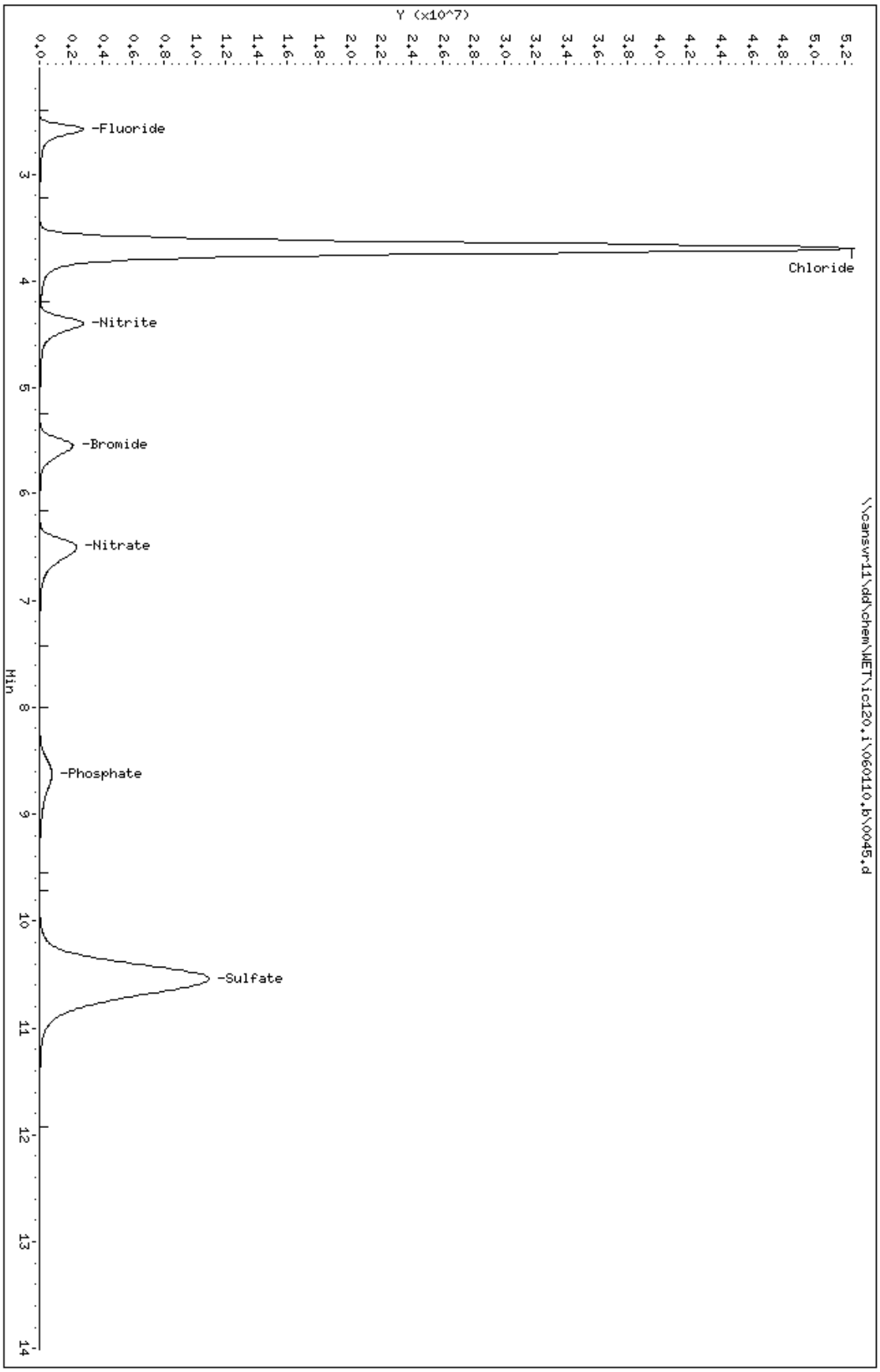
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0045.d
Lab Smp Id: CCV
Inj Date : 02-JUN-2010 04:31
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.583	2.583	0.000	22336159	2.50000	2.442
2 Chloride	3.700	3.700	0.000	404822621	50.0000	52.66
3 Nitrite	4.400	4.400	0.000	30938725	2.50000	2.472
4 Bromide	5.541	5.541	0.000	25960088	10.0000	9.629
5 Nitrate	6.500	6.500	0.000	36693204	2.50000	2.476
6 Phosphate	8.625	8.625	0.000	19663329	2.50000	2.763
7 Sulfate	10.541	10.541	0.000	245060419	50.0000	48.49


Data File: \\cansvr11\dd\chem\WET\ic120,i\060110,b\0045.d
Date : 02-JUN-2010 04:31
Client ID:
Sample Info: CCV,,2
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\060110,b\0045.d
Y (x10^7)
-Fluoride
Chloride
-Nitrite
-Bromide
-Nitrate
-Phosphate
-Sulfate
Min

Data File: \\cansvr11\chem\WET\ic120.i\060110.b\0046.d
Report Date: 02-Jun-2010 09:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\060110.b\0046.d
Lab Smp Id: CCB
Inj Date : 02-JUN-2010 04:47
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\060110.b\DX120.m
Meth Date : 02-Jun-2010 09:28 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

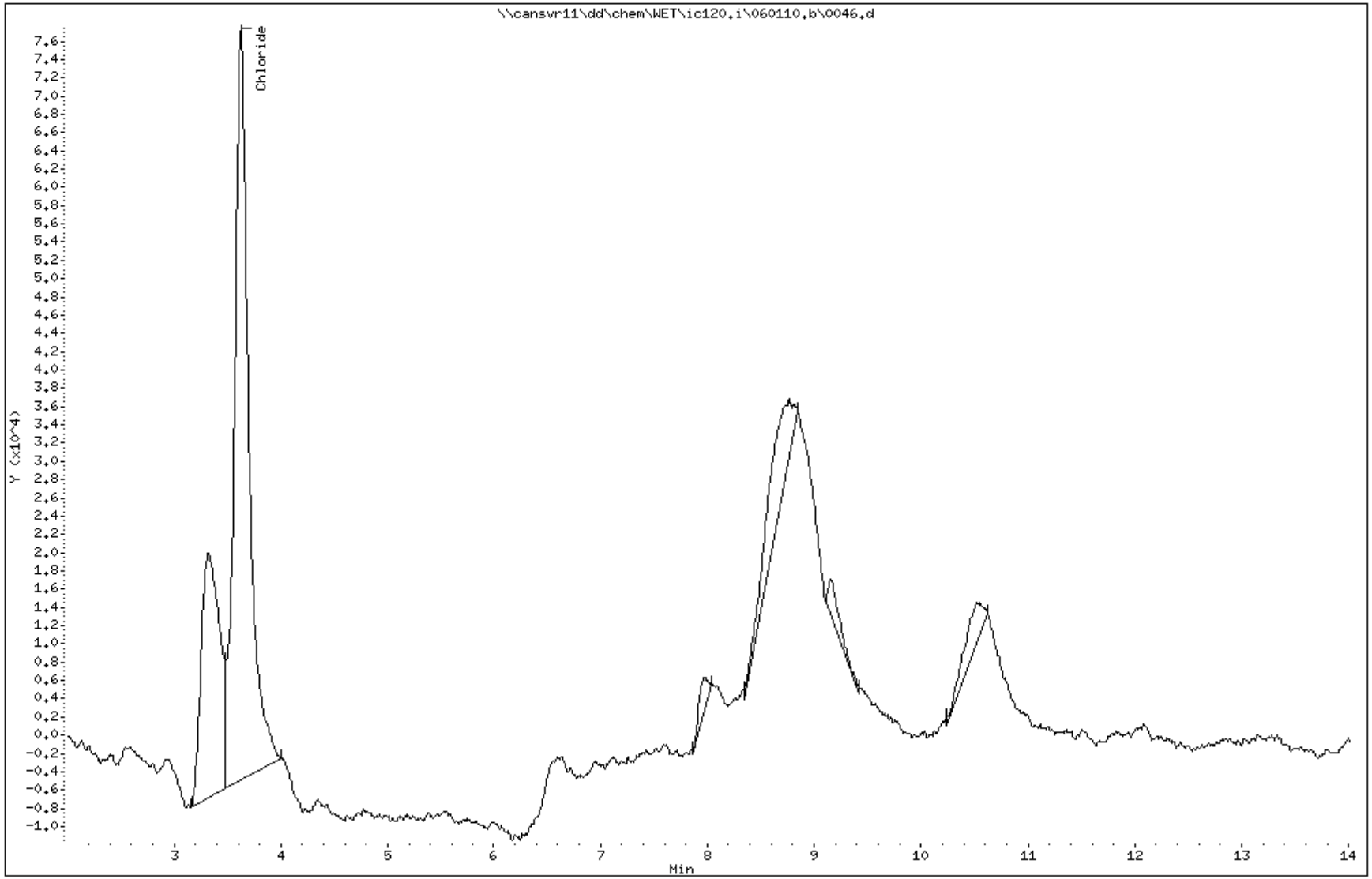
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	3.625	3.700	-0.075	788154	0.10252	0.1025(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120.i\060110.b\0046.d
Date : 02-JUN-2010 04:47
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Method: 300.0/9056 ✓ ✓ ✓ 0154314-315-316

0154321-322-323-324-325-326

924

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Ion Chromatography

DX Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m Instrument : ic320.i Level 1 ..... Date 6/3/10 Date Analyzed: 6/2/2010

Solids prep factor: 10 Maximum Cl / NO2 ratio: 1000 Level 11 ..... Date 6/3/10 Units: mg/L or mg/Kg

Inj #	Inj. Date	Sample ID	Matrix	Solids Prep factor	Dil	FLUORIDE RL	FLUORIDE Result	CHLORIDE RL	CHLORIDE Result	NITRITE RL	NITRITE Result	BROMIDE RL	BROMIDE Result	NITRATE-N RL	NITRATE-N Result	O-PHOS-P RL	O-PHOS-P Result	SULFATE RL	SULFATE Result
		RL & CCV value:				0.1	2.5	1	50	0.1	2.5	0.2	10	0.1	2.5	0.1	2.5	1	50
	2-Jun-10	Cal 5 conc & area				10	122256462	200	2.284E+09	10	234475345	50	145728462	10	2.14E+08	10	88783887	200	1.511E+09
1	6/2/2010 13:20	RINSE	L	1	1	0.1	ND	1	ND	0.1	ND	0.2	ND	0.1	ND	0.1	0.1	1	ND
2	6/2/2010 13:37	IC0229	L	1	1	0.1	0.1	1	1	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.2	1	1
3	6/2/2010 13:55	IC0228	L	1	1	0.1	0.2	1	4	0.1	0.2	0.2	0.9	0.1	0.2	0.1	0.3	1	4.2
4	6/2/2010 14:12	IC0227	L	1	1	0.1	0.5	1	9.5	0.1	0.4	0.2	2	0.1	0.5	0.1	0.5	1	9.3
5	6/2/2010 14:29	IC0226	L	1	1	0.1	0.9	1	20.2	0.1	0.9	0.2	3.9	0.1	1	0.1	1	1	20.4
6	6/2/2010 14:47	IC0225	L	1	1	0.1	2.6	1	57.2	0.1	2.4	0.2	10.4	0.1	2.5	0.1	2.5	1	54.2
7	6/2/2010 15:04	IC0224	L	1	1	0.1	4.1	1	91.9	0.1	3.8	0.2	16.3	0.1	4	0.1	4	1	86.8
8	6/2/2010 15:22	IC0223	L	1	1	0.1	5.1	1	114.9	0.115 G	4.9	0.2	20.6	0.1	5.1	0.1	5	1	109.6
9	6/2/2010 15:39	IC0222	L	1	1	0.1	7.8	1	176.6	0.177 G	7.5	0.2	31.5	0.1	7.8	0.1	7.6	1	170.7
10	6/2/2010 15:56	IC0221	L	1	1	0.1	Dil 2X	1	Dil 2X	0.237 G	Dil 2X	0.2	44.3	0.1	Dil 2X	0.1	Dil 2X	1	Dil 2X
11	6/2/2010 16:14	ICV	L	1	1	P 100%	2.5	P 102%	51	P 96%	2.4	P 96%	9.6	P 100%	2.5	P 104%	2.6	P 97%	48.7
12	6/2/2010 16:31	ICB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.1	Pass	ND
13	6/2/2010 16:49	LCS	L	1	1	P 100%	2.5	P 99%	49.7	P 96%	2.4	P 97%	9.7	P 96%	2.4	P 100%	2.5	P 96%	48.1
14	6/2/2010 17:06	LCS DUP	L	1	1	P 96%	2.4	P 99%	49.6	P 96%	2.4	P 95%	9.5	P 92%	2.3	P 100%	2.5	P 95%	47.5
15	6/2/2010 17:23	LCS	L	1	1	P 100%	2.5	P 100%	49.8	P 96%	2.4	P 97%	9.7	P 96%	2.4	P 96%	2.4	P 94%	47.1
16	6/2/2010 17:41	LCS DUP	L	1	1	P 100%	2.5	P 99%	49.7	P 96%	2.4	P 96%	9.6	P 96%	2.4	P 96%	2.4	P 94%	46.8
17	6/2/2010 17:58	L179V ORG	L	1	1	0.1	0.1	1	10.6	0.1	0.2	0.2	ND	0.1	1	0.1	0.6	1	9.3
18	6/2/2010 18:16	L179V MS	L	1	1	0.1	3	1	65.4	0.1	2.6	0.2	10.1	0.1	3.4	0.1	5.6	1	59
19	6/2/2010 18:33	L179VMSD	L	1	1	0.1	3	1	64.6	0.1	2.5	0.2	10	0.1	3.4	0.1	6	1	58.4
20	6/2/2010 18:50	L1796	L	1	1	0.1	0.1	1	0.9 B	0.1	ND	0.2	ND	0.1	0.1	0.1	1.5	1	6.5
21	6/2/2010 19:08	L1798	L	1	1	0.1	0.2	1	10.7	0.1	0.1	0.2	ND	0.1	0.9	0.1	1	1	8.9
22	6/2/2010 19:25	L18AA	L	1	1	0.1	0.2	1	0.1 B	0.1	ND	0.2	ND	0.1	ND	0.1	0.7	1	ND
23	6/2/2010 19:43	L1W5F	L	1	10	1 G	0.5 B	10	349.4	1 G	ND	2 G	ND	1 G	ND	1	3.6	10	Dil 50X
24	6/2/2010 20:00	L1W5H	L	1	10	1 G	0.6 B	10	648.8	1 G	ND	2 G	1.3 B	1 G	ND	1	1.9	10	Dil 200X
25	6/2/2010 20:17	CCV	L	1	1	P 100%	2.5	P 102%	51	P 96%	2.4	P 98%	9.8	P 96%	2.4	P 108%	2.7	P 97%	48.5

G - diluted for another analyte or matrix
B - estimated result, < RL

nc_ic.xls
VER . 99 01 06

North Canton

Method: 300, 9056

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North Canton
Ion Chromatography

DX Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m Instrument : ic320.i Level 1.....Date..... Date Analyzed: 6/2/2010

Solids prep factor: 10 Maximum Cl / NO2 ratio: 1000 Level 11.....Date..... Units: mg/L or mg/Kg

Inj #	Inj. Date	Sample ID	Matrix	Solids Prep factor	Dil	FLUORIDE		CHLORIDE		NITRITE		BROMIDE		NITRATE-N		O-PHOS-P		SULFATE	
						RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
		RL & CCV value:				0.1	2.5	1	50	0.1	2.5	0.2	10	0.1	2.5	0.1	2.5	1	50
	2-Jun-10	Cal 5 conc & area				10	122256462	200	2.284E+09	10	234475345	50	145728462	10	2.14E+08	10	88783887	200	1.511E+09
26	6/2/2010 20:35	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.3	Pass	ND
27	6/2/2010 20:52	L1W6A	L	1	10	1 G	0.4 B	10	37	1 G	0.7 B	2 G	ND	1 G	0.5 B	1	1	10	50.6
28	6/2/2010 21:10	L1W6D	L	1	10	1 G	0.9 B	10	668.9	1 G	ND	2	2	1 G	ND	1	1.1	10	Dil 50X
29	6/2/2010 21:27	L1W6F	L	1	10	1 G	0.5 B	10	997.9	1 G	ND	2 G	1.5 B	1 G	ND	1	1	10	Dil 100X
30	6/2/2010 21:44	L1W7G	L	1	1	0.1	ND	1	17.7	0.1	0.3	0.2	ND	0.1	1.1	0.1	0.3	1	14.7
31	6/2/2010 22:02	L1W7V	L	1	1	0.1	0.1	1	17.9	0.1	0.3	0.2	ND	0.1	1.1	0.1	0.2	1	14.7
32	6/2/2010 22:19	L1W7X	L	1	1	0.1	ND	1	0.1 B	0.1	ND	0.2	ND	0.1	ND	0.1	0.2	1	ND
33	6/2/2010 22:37	L1W71 ORG	L	1	1	0.1	ND	1	4.4	0.1	0.1	0.2	ND	0.1	0.1	0.1	0.2	1	6.3
34	6/2/2010 22:54	L1W71 MS	L	1	1	0.1	2.9	1	52.4	0.1	2.4	0.2	9.6	0.1	2.4	0.1	5.9	1	48.5
35	6/2/2010 23:11	L1W71 MSD	L	1	1	112%	2.8	94%	51.3	92%	2.4	94%	9.4	88%	2.3	244%	6.3	83%	47.7
36	6/2/2010 23:29	L1W75	L	1	1	0.1	0.2	1	7.7	0.1	ND	0.2	0.5	0.1	ND	0.1	1.1	1	13.6
37	6/2/2010 23:46	CCV	L	1	1	P 100%	2.5	P 102%	50.8	P 96%	2.4	P 98%	9.8	P 96%	2.4	P 108%	2.7	P 98%	49.2
38	6/3/2010 0:04	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.1	Pass	ND
39	6/3/2010 0:21	L1W8R	L	1	1	0.1	0.2	1	7.1	0.1	0.2	0.2	0.2	0.1	ND	0.1	0.4	1	4.5
40	6/3/2010 0:38	L1W8X	L	1	1	0.1	0.1	1	111.5	0.112 G	1	0.2	0.6	0.1	ND	0.1	0.1	1	6.8
41	6/3/2010 0:56	L1W81	L	1	1	0.1	0.2	1	3.4	0.1	0.1	0.2	ND	0.1	0.9	0.1	0.8	1	3.4
42	6/3/2010 1:13	L1W82	L	1	1	0.1	0.1	1	3.4	0.1	0.1	0.2	ND	0.1	0.9	0.1	0.9	1	3.3
43	6/3/2010 1:31	L1W84	L	1	1	0.1	0.1	1	36.3	0.1	0.6	0.2	0.8	0.1	3.7	0.1	0.1	1	16
44	6/3/2010 1:48	L1W85	L	1	1	0.1	ND	1	17.4	0.1	0.4	0.2	ND	0.1	1.8	0.1	0.3	1	6.5
45	6/3/2010 2:05	L1W87 ORG	L	1	1	0.1	0.2	1	120.8	0.121 G	ND	0.2	0.9	0.1	ND	0.1	0.2	1	28.7
46	6/3/2010 2:23	L1W87MS	L	1	1	0.1	2.7	1	173.4	0.173 G	3	0.2	10.6	0.1	2.3	0.1	4.1	1	80.7
47	6/3/2010 2:40	L1W89	L	1	1	0.1	0.2	1	54.4	0.1	ND	0.2	1.1	0.1	ND	0.1	0.6	1	0.7 B
48	6/3/2010 2:58	L1W9A	L	1	1	0.1	ND	1	0.1 B	0.1	ND	0.2	ND	0.1	ND	0.1	0.7	1	ND
49	6/3/2010 3:15	CCV	L	1	1	P 100%	2.5	P 102%	50.8	P 96%	2.4	P 100%	10	P 96%	2.4	P 108%	2.7	P 99%	49.3
50	6/3/2010 3:32	CCB	L	1	1	Pass	ND	Pass	0.2 B	Pass	ND	Pass	ND	Pass	ND	Out	0.1	Pass	ND

G - diluted for another analyte or matrix
B - estimated result, < RL

nc_ic.xls
VER . 99 01 06

Method: 300, 9056

TestAmerica
North Canton
Ion Chromatography

DX Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m Instrument : ic320.i Level 1.....Date..... Date Analyzed: 6/2/2010

Solids prep factor: 10 Maximum Cl / NO2 ratio: 1000 Level 11.....Date..... Units: mg/L or mg/Kg

Inj #	Inj. Date	Sample ID	Matrix	Solids Prep factor	Dil	FLUORIDE		CHLORIDE		NITRITE		BROMIDE		NITRATE-N		O-PHOS-P		SULFATE	
						RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
		RL & CCV value:				0.1	2.5	1	50	0.1	2.5	0.2	10	0.1	2.5	0.1	2.5	1	50
	2-Jun-10	Cal 5 conc & area				10	122256462	200	2.284E+09	10	234475345	50	145728462	10	2.14E+08	10	88783887	200	1.511E+09
51	6/3/2010 3:50	LCS	L	1	1	P 100%	2.5	P 100%	49.8	P 100%	2.5	P 99%	9.9	P 96%	2.4	P 100%	2.5	P 93%	46.4
52	6/3/2010 4:07	LCS DUP	L	1	1	P 96%	2.4	P 99%	49.3	P 96%	2.4	P 97%	9.7	P 92%	2.3	P 100%	2.5	P 93%	46.6
53	6/3/2010 4:25	L1W9E	L	1	1	0.1	0.1	1	105.8	0.106 G	0.9	0.2	1.2	0.1	ND	0.1	0.4	1	ND
54	6/3/2010 4:42	L1W9G	L	1	1	0.1	0.1	1	Dil 2X	0.217 G	ND	0.2	2.4	0.1	ND	0.1	0.1	1	5.6
55	6/3/2010 4:59	L1W9J	L	1	1	0.1	0.1	1	9.5	0.1	ND	0.2	ND	0.1	ND	0.1	0.1	1	2.3
56	6/3/2010 5:17	L1W9Q	L	1	1	0.1	0.1	1	1.4	0.1	ND	0.2	ND	0.1	0.1	0.1	0.2	1	5.4
57	6/3/2010 5:34	L1W9T	L	1	1	0.1	ND	1	1.5	0.1	ND	0.2	ND	0.1	0.9	0.1	0.1	1	7
58	6/3/2010 5:52	L1W9V	L	1	1	0.1	ND	1	4	0.1	0.1	0.2	ND	0.1	3.7	0.1	0.2	1	7.7
59	6/3/2010 6:09	L1W9W ORG	L	1	1	0.1	ND	1	2.5	0.1	ND	0.2	ND	0.1	0.3	0.1	0.1	1	9.1
60	6/3/2010 6:26	L1W9W MS	L	1	1	0.1	2.8	1	50.1	0.1	2.5	0.2	9.8	0.1	2.7	0.1	5.7	1	52.8
61	6/3/2010 6:44	CCV	L	1	1	P 100%	2.5	P 102%	51.1	P 92%	2.3	P 93%	9.3	P 96%	2.4	P 108%	2.7	P 91%	45.6
62	6/3/2010 7:01	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.1	Pass	ND
63	6/3/2010 7:19	L1W90	L	1	1	0.1	0.1	1	24.7	0.1	0.4	0.2	0.3	0.1	6.1	0.1	0.2	1	9.7
64	6/3/2010 7:36	L1W92	L	1	1	0.1	ND	1	2.2	0.1	ND	0.2	ND	0.1	7.1	0.1	0.3	1	0.9 B
65	6/3/2010 7:53	L1W94	L	1	1	0.1	ND	1	2.4	0.1	0.1	0.2	ND	0.1	7.3	0.1	0.2	1	ND
66	6/3/2010 8:11	L1W96 ORG	L	1	1	0.1	ND	1	31.9	0.1	0.4	0.2	ND	0.1	ND	0.1	0.1	1	14.4
67	6/3/2010 8:28	L1W96 MS	L	1	1	0.1	2.7	1	84.6	0.1	2.9	0.2	9.8	0.1	2.3	0.1	5.8	1	61.8
68	6/3/2010 8:46	L1W96 MSD	L	1	1	108%	2.7	107%	85.5	96%	2.8	89%	8.9	88%	2.2	244%	6.2	88%	58.6
69	6/3/2010 9:03	L1XAA	L	1	1	0.1	ND	1	18.2	0.1	0.3	0.2	ND	0.1	1.3	0.1	1.4	1	14.3
70	6/3/2010 9:20	L1XAE	L	1	1	0.1	ND	1	18.2	0.1	0.3	0.2	ND	0.1	1.3	0.1	0.8	1	14.4
71	6/3/2010 9:38	L1XAG	L	1	1	0.1	0.1	1	16.1	0.1	0.3	0.2	ND	0.1	ND	0.1	0.6	1	5.8
72	6/3/2010 9:55	L1XAH	L	1	1	0.1	ND	1	9.2	0.1	0.2	0.2	ND	0.1	Dil 2X	0.1	0.1	1	9.4
73	6/3/2010 10:12	CCV	L	1	1	P 100%	2.5	P 101%	50.7	P 96%	2.4	P 99%	9.9	P 96%	2.4	P 96%	2.4	P 90%	45.2
74	6/3/2010 10:30	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.1	Pass	ND
75	6/3/2010 10:47	L1XAJ	L	1	1	0.1	ND	1	1.9	0.1	ND	0.2	ND	0.1	1.1	0.1	0.1	1	10.9

G - diluted for another analyte or matrix
B - estimated result, < RL

nc_ic.xls
VER . 99 01 06

Method: 300, 9056

TestAmerica
North Canton
Ion Chromatography

DX Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m Instrument : ic320.i Level 1.....Date..... Date Analyzed: 6/2/2010

Solids prep factor: 10 Maximum Cl / NO2 ratio: 1000 Level 11.....Date..... Units: mg/L or mg/Kg

Inj #	Inj. Date	Sample ID	Matrix	Solids Prep factor	Dil	FLUORIDE		CHLORIDE		NITRITE		BROMIDE		NITRATE-N		O-PHOS-P		SULFATE	
						RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
		RL & CCV value:				0.1	2.5	1	50	0.1	2.5	0.2	10	0.1	2.5	0.1	2.5	1	50
	2-Jun-10	Cal 5 conc & area				10	122256462	200	2.284E+09	10	234475345	50	145728462	10	2.14E+08	10	88783887	200	1.511E+09
76	6/3/2010 11:05	L1XAK	L	1	1	0.1	0.1	1	2.1	0.1	ND	0.2	ND	0.1	1.7	0.1	0.1	1	9.2
77	6/3/2010 11:22	L1XAL	L	1	1	0.1	0.1	1	ND	0.1	ND	0.2	ND	0.1	ND	0.1	0.1	1	ND
78	6/3/2010 11:39	L1XAN	L	1	1	0.1	ND	1	36.8	0.1	0.5	0.2	ND	0.1	ND	0.1	0.1	1	10.1
79	6/3/2010 11:57	L1XAP	L	1	1	0.1	ND	1	8.1	0.1	0.2	0.2	ND	0.1	1.7	0.1	0.1	1	2.1
80	6/3/2010 12:14	L1XAT	L	1	1	0.1	ND	1	6.6	0.1	0.1	0.2	ND	0.1	1.7	0.1	0.1	1	1.7
81	6/3/2010 12:32	L1XAW	L	1	1	0.1	0.1	1	4.4	0.1	0.1	0.2	ND	0.1	Dil 2X	0.1	0.1	1	ND
82	6/3/2010 12:49	L1XAX ORG	L	1	1	0.1	ND	1	39.6	0.1	0.5	0.2	ND	0.1	Dil 5X	0.1	0.1	1	ND
83	6/3/2010 13:06	L1XAX MS	L	1	1	0.1	2.8	1	94.2	0.1	3	0.2	10.4	0.1	Dil 5X	0.1	5.9	1	45.3
84	6/3/2010 13:24	L1XAX MSD	L	1	1	108%	2.7	111%	95.3	96%	2.9	94%	9.4	84%	Dil 5X	252%	6.4	87%	43.7
85	6/3/2010 13:41	CCV	L	1	1	P 100%	2.5	P 102%	51.1	P 96%	2.4	P 99%	9.9	P 96%	2.4	Out 112%	2.8	P 97%	48.4
86	6/3/2010 13:59	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.2	Pass	ND
87	6/3/2010 14:16	CCB	L	1	1	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Out	0.7	Pass	ND
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!
0	1/0/1900 0:00	0		1	0	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!

G - diluted for another analyte or matrix
B - estimated result, < RL

nc_ic.xls
VER . 99 01 06

Sequence: 060210
Operator: wetchemnc
Printed: 6/3/2010 2:45:54 PM

Title:
Datasource: D2NJR9B1_local
Location: IC320\IC320-DATA 2010\DX320 JUNE 2010
Timebase: IC320
#Samples: 88

Created: 6/2/2010 1:07:10 PM by wetchemnc
Last Update: 6/3/2010 2:45:44 PM by wetchemnc

No.	Name	Type	Program	Status	Inj. Date/Time	Comment
1	RINSE	Unknown	IC320_14min	Finished	6/2/2010 1:20:12 PM	ELUENT=WR00485
2	IC0229	Unknown	IC320_14min	Finished	6/2/2010 1:37:36 PM	CCV=IC0220
3	IC0228	Unknown	IC320_14min	Finished	6/2/2010 1:55:00 PM	LCS=IC0219
4	IC0227	Unknown	IC320_14min	Finished	6/2/2010 2:12:24 PM	
5	IC0226	Unknown	IC320_14min	Finished	6/2/2010 2:29:48 PM	
6	IC0225	Unknown	IC320_14min	Finished	6/2/2010 2:47:11 PM	
7	IC0224	Unknown	IC320_14min	Finished	6/2/2010 3:04:35 PM	
8	IC0223	Unknown	IC320_14min	Finished	6/2/2010 3:22:00 PM	
9	IC0222	Unknown	IC320_14min	Finished	6/2/2010 3:39:24 PM	
10	IC0221	Unknown	IC320_14min	Finished	6/2/2010 3:56:48 PM	
11	ICV,,2	Unknown	IC320_14min	Finished	6/2/2010 4:14:16 PM	
12	ICB	Unknown	IC320_14min	Finished	6/2/2010 4:31:40 PM	
13	LCS,,3	Unknown	IC320_14min	Finished	6/2/2010 4:49:04 PM	
14	LCS DUP,,3	Unknown	IC320_14min	Finished	6/2/2010 5:06:27 PM	
15	LCS,,3	Unknown	IC320_14min	Finished	6/2/2010 5:23:51 PM	
16	LCS DUP,,3	Unknown	IC320_14min	Finished	6/2/2010 5:41:15 PM	
17	L179V ORG	Unknown	IC320_14min	Finished	6/2/2010 5:58:40 PM	
18	L179V MS,,3	Unknown	IC320_14min	Finished	6/2/2010 6:16:04 PM	
19	L179VMSD,,3	Unknown	IC320_14min	Finished	6/2/2010 6:33:28 PM	
20	L1796	Unknown	IC320_14min	Finished	6/2/2010 6:50:51 PM	
21	L1798	Unknown	IC320_14min	Finished	6/2/2010 7:08:15 PM	
22	L18AA	Unknown	IC320_14min	Finished	6/2/2010 7:25:39 PM	
23	L1W5F,10	Unknown	IC320_14min	Finished	6/2/2010 7:43:03 PM	
24	L1W5H,10	Unknown	IC320_14min	Finished	6/2/2010 8:00:27 PM	
25	CCV,,2	Unknown	IC320_14min	Finished	6/2/2010 8:17:51 PM	
26	CCB	Unknown	IC320_14min	Finished	6/2/2010 8:35:15 PM	
27	L1W6A,10	Unknown	IC320_14min	Finished	6/2/2010 8:52:39 PM	
28	L1W6D,10	Unknown	IC320_14min	Finished	6/2/2010 9:10:03 PM	
29	L1W6F,10	Unknown	IC320_14min	Finished	6/2/2010 9:27:27 PM	
30	L1W7G	Unknown	IC320_14min	Finished	6/2/2010 9:44:51 PM	
31	L1W7V	Unknown	IC320_14min	Finished	6/2/2010 10:02:15 PM	
32	L1W7X	Unknown	IC320_14min	Finished	6/2/2010 10:19:39 PM	
33	L1W71 ORG	Unknown	IC320_14min	Finished	6/2/2010 10:37:02 PM	
34	L1W71 MS,,3	Unknown	IC320_14min	Finished	6/2/2010 10:54:26 PM	
35	L1W71 MSD,,3	Unknown	IC320_14min	Finished	6/2/2010 11:11:50 PM	
36	L1W75	Unknown	IC320_14min	Finished	6/2/2010 11:29:14 PM	
37	CCV,,2	Unknown	IC320_14min	Finished	6/2/2010 11:46:38 PM	
38	CCB	Unknown	IC320_14min	Finished	6/3/2010 12:04:02 AM	
39	L1W8R	Unknown	IC320_14min	Finished	6/3/2010 12:21:26 AM	
40	L1W8X	Unknown	IC320_14min	Finished	6/3/2010 12:38:50 AM	
41	L1W81	Unknown	IC320_14min	Finished	6/3/2010 12:56:13 AM	
42	L1W82	Unknown	IC320_14min	Finished	6/3/2010 1:13:38 AM	

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Sequence: 060210
Operator: wetchemnc
Printed: 6/3/2010 2:45:54 PM

Title:
Datasource: D2NJR9B1_local
Location: IC320\IC320-DATA 2010\DX320 JUNE 2010
Timebase: IC320
#Samples: 88

Created: 6/2/2010 1:07:10 PM by wetchemnc
Last Update: 6/3/2010 2:45:44 PM by wetchemnc

No.	Name	Type	Program	Status	Inj. Date/Time	Comment
43	L1W84	Unknown	IC320_14min	Finished	6/3/2010 1:31:02 AM	
44	L1W85	Unknown	IC320_14min	Finished	6/3/2010 1:48:25 AM	
45	L1W87 ORG	Unknown	IC320_14min	Finished	6/3/2010 2:05:49 AM	
46	L1W87MS,,3	Unknown	IC320_14min	Finished	6/3/2010 2:23:13 AM	
47	L1W89	Unknown	IC320_14min	Finished	6/3/2010 2:40:36 AM	
48	L1W9A	Unknown	IC320_14min	Finished	6/3/2010 2:58:01 AM	
49	CCV,,2	Unknown	IC320_14min	Finished	6/3/2010 3:15:25 AM	
50	CCB	Unknown	IC320_14min	Finished	6/3/2010 3:32:50 AM	
51	LCS,,3	Unknown	IC320_14min	Finished	6/3/2010 3:50:14 AM	
52	LCS DUP,,3	Unknown	IC320_14min	Finished	6/3/2010 4:07:38 AM	
53	L1W9E	Unknown	IC320_14min	Finished	6/3/2010 4:25:01 AM	
54	L1W9G	Unknown	IC320_14min	Finished	6/3/2010 4:42:25 AM	
55	L1W9J	Unknown	IC320_14min	Finished	6/3/2010 4:59:49 AM	
56	L1W9Q	Unknown	IC320_14min	Finished	6/3/2010 5:17:13 AM	
57	L1W9T	Unknown	IC320_14min	Finished	6/3/2010 5:34:37 AM	
58	L1W9V	Unknown	IC320_14min	Finished	6/3/2010 5:52:01 AM	
59	L1W9W ORG	Unknown	IC320_14min	Finished	6/3/2010 6:09:25 AM	
60	L1W9W MS,,3	Unknown	IC320_14min	Finished	6/3/2010 6:26:49 AM	
61	CCV,,2	Unknown	IC320_14min	Finished	6/3/2010 6:44:13 AM	
62	CCB	Unknown	IC320_14min	Finished	6/3/2010 7:01:36 AM	
63	L1W90	Unknown	IC320_14min	Finished	6/3/2010 7:19:00 AM	
64	L1W92	Unknown	IC320_14min	Finished	6/3/2010 7:36:24 AM	
65	L1W94	Unknown	IC320_14min	Finished	6/3/2010 7:53:48 AM	
66	L1W96 ORG	Unknown	IC320_14min	Finished	6/3/2010 8:11:12 AM	
67	L1W96 MS,,3	Unknown	IC320_14min	Finished	6/3/2010 8:28:36 AM	
68	L1W96 MSD,,3	Unknown	IC320_14min	Finished	6/3/2010 8:46:00 AM	
69	L1XAA	Unknown	IC320_14min	Finished	6/3/2010 9:03:24 AM	
70	L1XAE	Unknown	IC320_14min	Finished	6/3/2010 9:20:48 AM	
71	L1XAG	Unknown	IC320_14min	Finished	6/3/2010 9:38:11 AM	
72	L1XAH	Unknown	IC320_14min	Finished	6/3/2010 9:55:36 AM	
73	CCV,,2	Unknown	IC320_14min	Finished	6/3/2010 10:12:59 AM	
74	CCB	Unknown	IC320_14min	Finished	6/3/2010 10:30:23 AM	
75	L1XAJ	Unknown	IC320_14min	Finished	6/3/2010 10:47:46 AM	
76	L1XAK	Unknown	IC320_14min	Finished	6/3/2010 11:05:10 AM	
77	L1XAL	Unknown	IC320_14min	Finished	6/3/2010 11:22:34 AM	
78	L1XAN	Unknown	IC320_14min	Finished	6/3/2010 11:39:58 AM	
79	L1XAP	Unknown	IC320_14min	Finished	6/3/2010 11:57:22 AM	
80	L1XAT	Unknown	IC320_14min	Finished	6/3/2010 12:14:45 PM	
81	L1XAW	Unknown	IC320_14min	Finished	6/3/2010 12:32:10 PM	
82	L1XAX ORG	Unknown	IC320_14min	Finished	6/3/2010 12:49:34 PM	
83	L1XAX MS,,3	Unknown	IC320_14min	Finished	6/3/2010 1:06:58 PM	
84	L1XAX MSD,,3	Unknown	IC320_14min	Finished	6/3/2010 1:24:22 PM	

Chromeleon © Dionex Corporation, Version 6.80 Build 2212

Sequence: 060210
Operator: wetchemnc
Printed: 6/3/2010 2:45:54 PM

Title:
Datasource: D2NJR9B1_local
Location: IC320\IC320-DATA 2010\DX320 JUNE 2010
Timebase: IC320
#Samples: 88

Created: 6/2/2010 1:07:10 PM by wetchemnc
Last Update: 6/3/2010 2:45:44 PM by wetchemnc

No.	Name	Type	Program	Status	Inj. Date/Time	Comment
85	CCV,,2	Unknown	IC320_14min	Finished	6/3/2010 1:41:46 PM	
86	CCB	Unknown	IC320_14min	Finished	6/3/2010 1:59:10 PM	
87	CCB	Unknown	IC320_14min	Finished	6/3/2010 2:16:34 PM	
88	HALT	Unknown	IC320_Halt	Finished	6/3/2010 2:33:58 PM	

Chromeleon © Dionex Corporation, Version 6.80 Build 2212

Report Date : 03-Jun-2010 15:12

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 02-JUN-2010 13:37
End Cal Date : 02-JUN-2010 15:56
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Last Edit : 03-Jun-2010 14:55 burnsj

Calibration File Names:
Level 1: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Level 2: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Level 3: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Level 4: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Level 5: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Level 6: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Level 7: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Level 8: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d
Level 9: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d

Compound	0.0500000 Level 1	0.2500000 Level 2	0.5000000 Level 3	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7	7.5000 Level 8	10.0000 Level 9								
1 Fluoride	12273580	10658712	11620626	10295949	11744817	11538372					
	11632301	11971969	12225646				AVRG		11551330		5.78710
2 Chloride	9315415	7767527	7960425	8469434	9949352	10296053					
	10555585	11094969	11419728				AVRG		9647610		13.93104
3 Nitrite	28839760	21014692	21329096	21108631	22277617	21886459					
	22196499	22730571	23447535				AVRG		22758984		10.60131

Report Date : 03-Jun-2010 15:12

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 02-JUN-2010 13:37
End Cal Date : 02-JUN-2010 15:56
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Last Edit : 03-Jun-2010 14:55 burnsj

Compound	0.0500000 Level 1	0.2500000 Level 2	0.5000000 Level 3	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7	7.5000 Level 8	10.0000 Level 9								
4 Bromide	3500265	2918580	3151853	3119781	3314813	3266013					
	3318552	3408404	3643212				AVRG		3293497		6.53770
5 Nitrate	20369580	17169544	17582650	17395244	18561769	18308410					
	18747766	19232297	21442363				AVRG		18756625		7.54697
6 Phosphate	31328	65260	130365	261661	679762	1080201					
	1374998	2110900	2902023				LINR	0.08287	287364		0.99891
7 Sulfate	6771403	5434365	5450530	6042678	6566326	6677172					
	6857854	7263981	7553590				AVRG		6513100		11.35522

Report Date : 03-Jun-2010 15:12

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 02-JUN-2010 13:37
End Cal Date : 02-JUN-2010 15:56
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Last Edit : 03-Jun-2010 14:55 burnsj

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

Report Date: 03-Jun-2010 15:13

Calibration History

Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Start Cal Date: 02-JUN-2010 13:37
End Cal Date : 02-JUN-2010 15:56
Last Cal Level: 2
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.05000		
02-JUN-2010 13:37	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Cal Level: 2 , Cal Amount: 0.25000		
02-JUN-2010 13:55	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Cal Level: 3 , Cal Amount: 0.50000		
02-JUN-2010 14:12	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Cal Level: 4 , Cal Amount: 1.00000		
02-JUN-2010 14:29	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Cal Level: 5 , Cal Amount: 2.50000		
02-JUN-2010 14:47	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Cal Level: 6 , Cal Amount: 4.00000		
02-JUN-2010 15:04	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Cal Level: 7 , Cal Amount: 5.00000		
02-JUN-2010 15:22	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Cal Level: 8 , Cal Amount: 7.50000		

```
+=================================================================================+
|02-JUN-2010 15:39 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d                                   |
+------------------+-----------------+-----------------------------------------+

+------------------+-----------------+-----------------------------------------+
| Cal Level: 9 , Cal Amount: 10.00000                                             |
+=================================================================================+
|02-JUN-2010 15:56 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d                                   |
+------------------+-----------------+-----------------------------------------+
```

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 5

```
+------------------+-----------------+-----------------------------------------+
|03-JUN-2010 13:41 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0085.d                                   |
|03-JUN-2010 10:12 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0073.d                                   |
|03-JUN-2010 06:44 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0061.d                                   |
|03-JUN-2010 03:15 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0049.d                                   |
|02-JUN-2010 23:46 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0037.d                                   |
|02-JUN-2010 20:17 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0025.d                                   |
|03-JUN-2010 09:55 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0072.d                                      |
|03-JUN-2010 06:26 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0060.d                                      |
|03-JUN-2010 02:58 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0048.d                                      |
|02-JUN-2010 23:29 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0036.d                                      |
|02-JUN-2010 20:17 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0025.d                                      |
|02-JUN-2010 16:14 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0011.d                                   |
|02-JUN-2010 14:47 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d                                   |
+------------------+-----------------+-----------------------------------------+
```

Report Date : 03-Jun-2010 15:12

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 02-JUN-2010 13:37
End Cal Date : 02-JUN-2010 15:56
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Last Edit : 03-Jun-2010 14:55 burnsj

Calibration File Names:
Level 1: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Level 2: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Level 3: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Level 4: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Level 5: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Level 6: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Level 7: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Level 8: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d
Level 9: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d

Compound	0.0500000 Level 1	0.2500000 Level 2	0.5000000 Level 3	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7	7.5000 Level 8	10.0000 Level 9								
1 Fluoride	12273580	10658712	11620626	10295949	11744817	11538372					
	11632301	11971969	12225646				AVRG		11551330		5.78710
2 Chloride	9315415	7767527	7960425	8469434	9949352	10296053					
	10555585	11094969	11419728				AVRG		9647610		13.93104
3 Nitrite	28839760	21014692	21329096	21108631	22277617	21886459					
	22196499	22730571	23447535				AVRG		22758984		10.60131

Report Date : 03-Jun-2010 15:12

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 02-JUN-2010 13:37
End Cal Date : 02-JUN-2010 15:56
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Last Edit : 03-Jun-2010 14:55 burnsj

Compound	0.0500000 Level 1	0.2500000 Level 2	0.5000000 Level 3	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7	7.5000 Level 8	10.0000 Level 9								
4 Bromide	3500265	2918580	3151853	3119781	3314813	3266013					
	3318552	3408404	3643212				AVRG		3293497		6.53770
5 Nitrate	20369580	17169544	17582650	17395244	18561769	18308410					
	18747766	19232297	21442363				AVRG		18756625		7.54697
6 Phosphate	31328	65260	130365	261661	679762	1080201					
	1374998	2110900	2902023				LINR	0.08287	287364		0.99891
7 Sulfate	6771403	5434365	5450530	6042678	6566326	6677172					
	6857854	7263981	7553590				AVRG		6513100		11.35522

Report Date : 03-Jun-2010 15:12

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 02-JUN-2010 13:37
End Cal Date : 02-JUN-2010 15:56
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Last Edit : 03-Jun-2010 14:55 burnsj

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response

Report Date: 03-Jun-2010 15:13

Calibration History

Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Start Cal Date: 02-JUN-2010 13:37
End Cal Date : 02-JUN-2010 15:56
Last Cal Level: 2
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.05000		
02-JUN-2010 13:37	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Cal Level: 2 , Cal Amount: 0.25000		
02-JUN-2010 13:55	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Cal Level: 3 , Cal Amount: 0.50000		
02-JUN-2010 14:12	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Cal Level: 4 , Cal Amount: 1.00000		
02-JUN-2010 14:29	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Cal Level: 5 , Cal Amount: 2.50000		
02-JUN-2010 14:47	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Cal Level: 6 , Cal Amount: 4.00000		
02-JUN-2010 15:04	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Cal Level: 7 , Cal Amount: 5.00000		
02-JUN-2010 15:22	all	\\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Cal Level: 8 , Cal Amount: 7.50000		

```
+=================================================================================+
|02-JUN-2010 15:39 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d                                   |
+------------------+-----------------+-----------------------------------------+

+------------------+-----------------+-----------------------------------------+
| Cal Level: 9 , Cal Amount: 10.00000                                             |
+=================================================================================+
|02-JUN-2010 15:56 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d                                   |
+------------------+-----------------+-----------------------------------------+
```

Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 5

```
+------------------+-----------------+-----------------------------------------+
|03-JUN-2010 13:41 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0085.d                                   |
|03-JUN-2010 10:12 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0073.d                                   |
|03-JUN-2010 06:44 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0061.d                                   |
|03-JUN-2010 03:15 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0049.d                                   |
|02-JUN-2010 23:46 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0037.d                                   |
|02-JUN-2010 20:17 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0025.d                                   |
|03-JUN-2010 09:55 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0072.d                                      |
|03-JUN-2010 06:26 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0060.d                                      |
|03-JUN-2010 02:58 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0048.d                                      |
|02-JUN-2010 23:29 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0036.d                                      |
|02-JUN-2010 20:17 |all                |                                          |
|\\cansvr11\chem\WET\ic320.i\060210.b\0025.d                                      |
|02-JUN-2010 16:14 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0011.d                                   |
|02-JUN-2010 14:47 |all                |                                          |
|\\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d                                   |
+------------------+-----------------+-----------------------------------------+
```

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Lab Smp Id: IC0229
Inj Date : 02-JUN-2010 13:37
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0229
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:37 Cal File: 0002.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

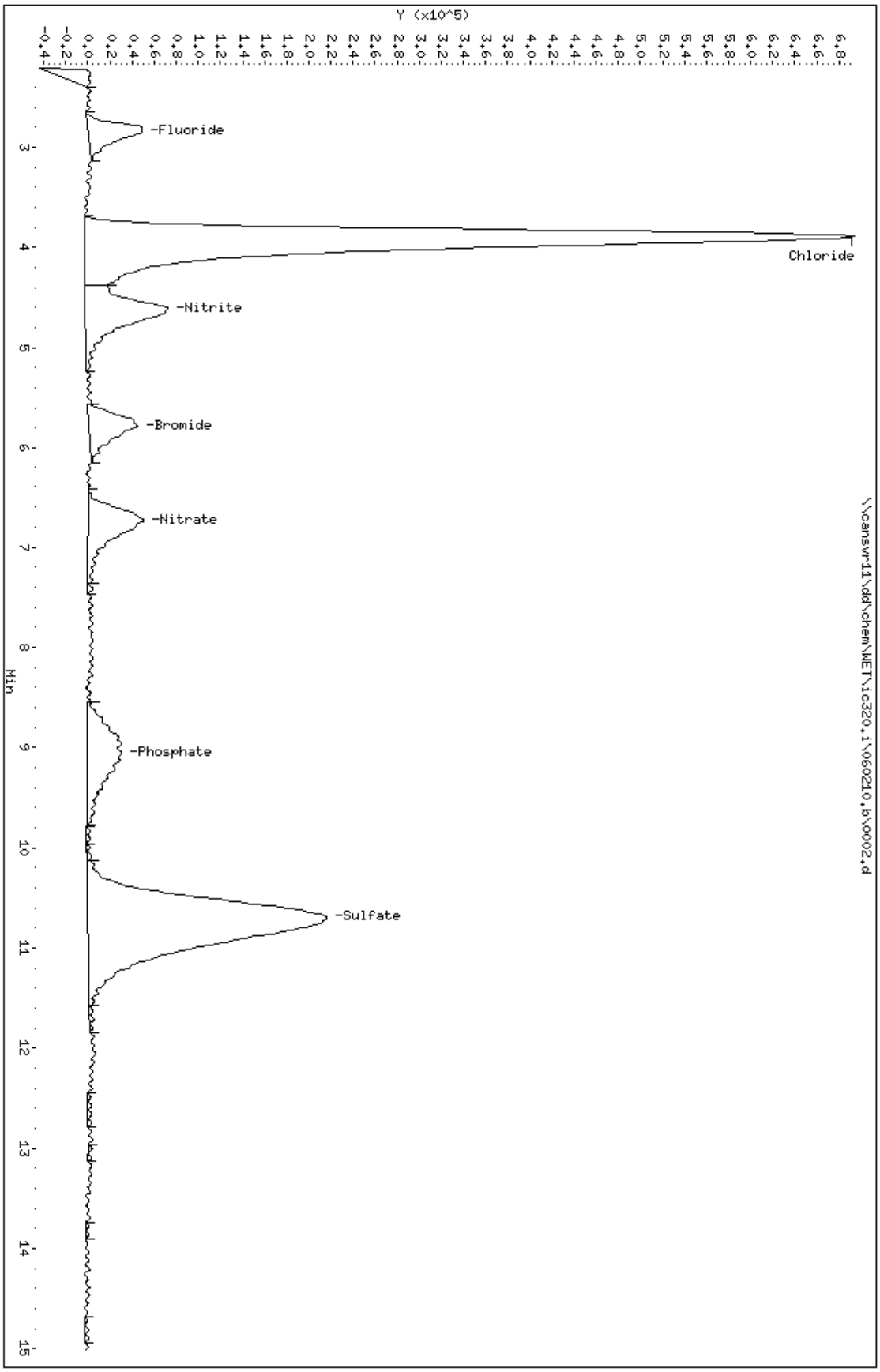
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.833	2.833	0.000	613679	0.05000	0.05313
2 Chloride	3.891	3.891	0.000	9315415	1.00000	0.9656(a)
3 Nitrite	4.608	4.608	0.000	1441988	0.05000	0.06336
4 Bromide	5.775	5.775	0.000	700053	0.20000	0.2126
5 Nitrate	6.733	6.733	0.000	1018479	0.05000	0.05430(a)
6 Phosphate	9.050	9.050	0.000	31328	0.05000	0.2212(M)
7 Sulfate	10.691	10.691	0.000	6771403	1.00000	1.040

QC Flag Legend

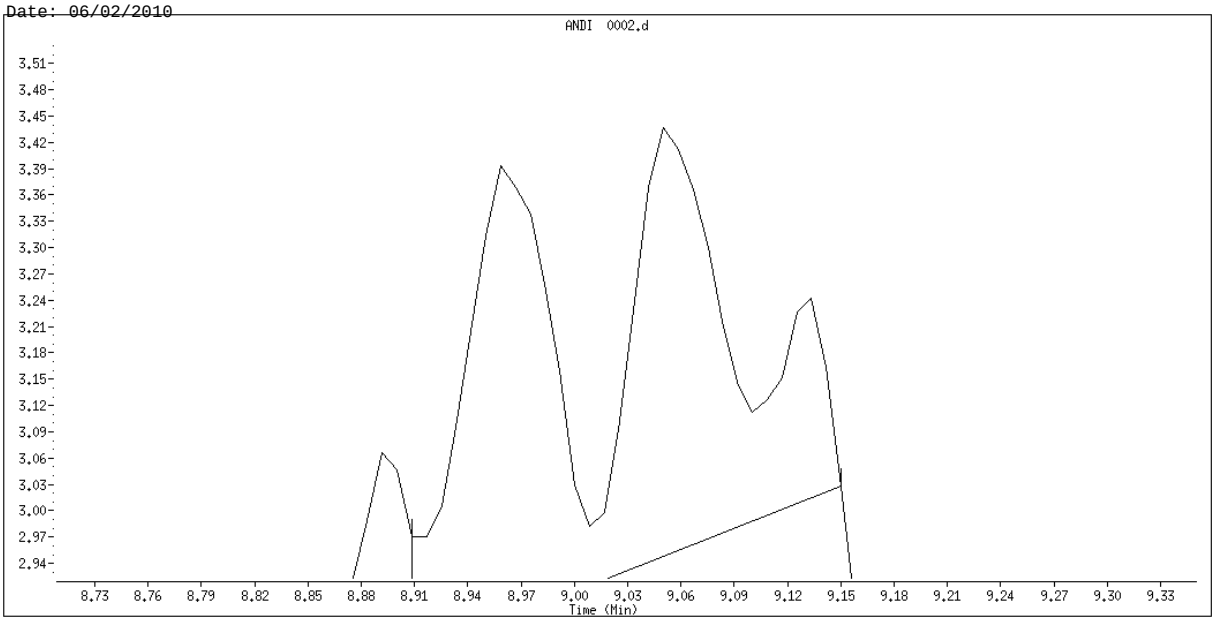
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Date : 02-JUN-2010 13:37
Client ID:
Sample Info: IC0229
Purge Volume: 1.0
Column phase: AS14

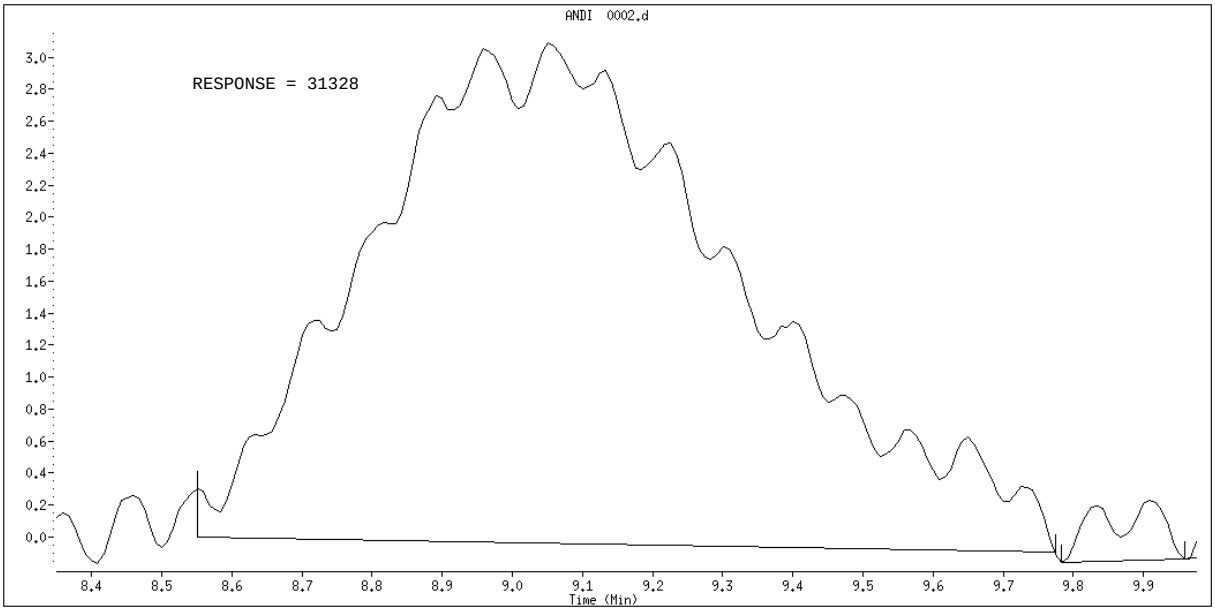
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0002.d
Inj. Date and Time: 02-JUN-2010 13:37
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Lab Smp Id: IC0228
Inj Date : 02-JUN-2010 13:55
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0228
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

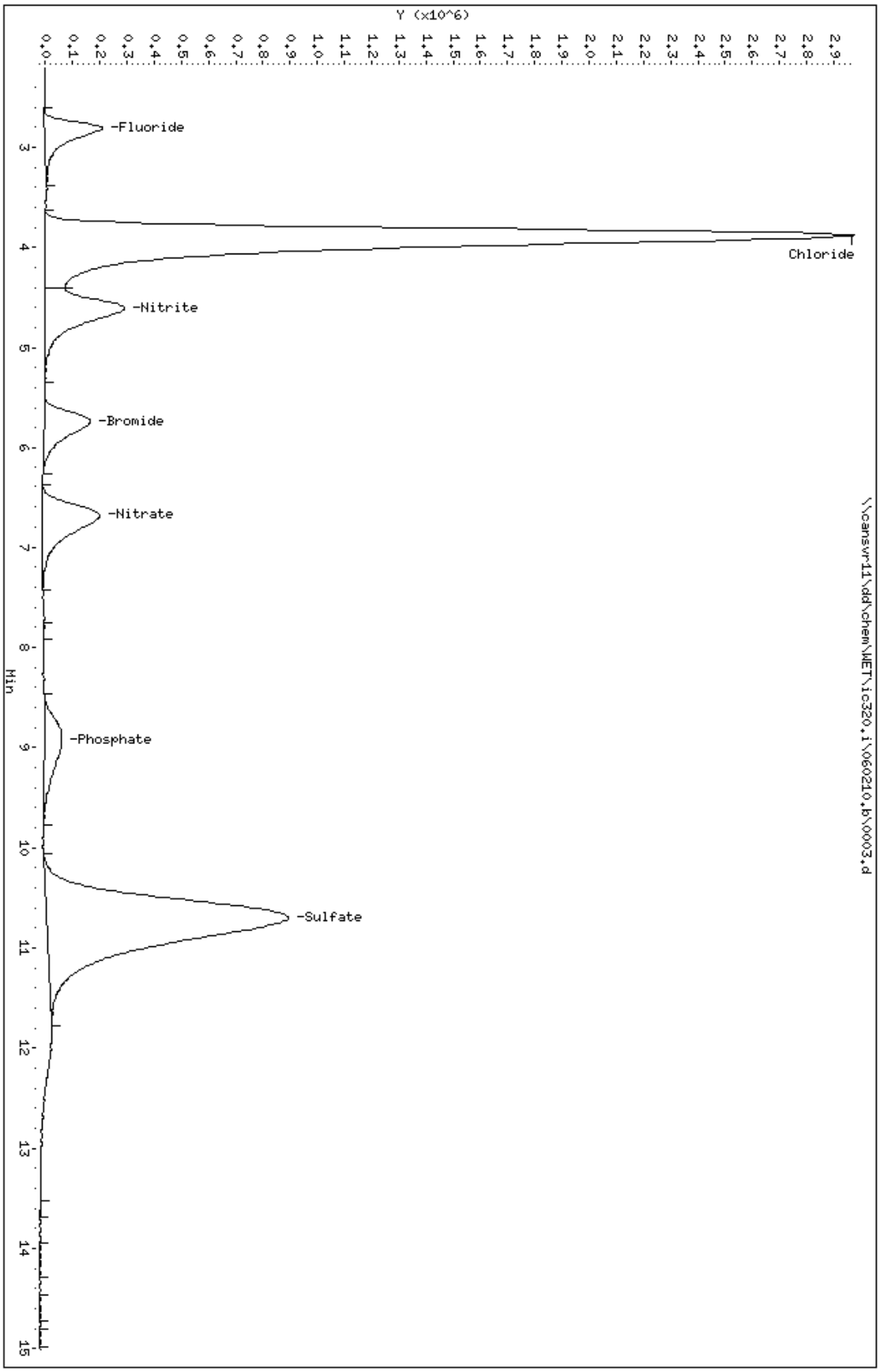
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	2664678	0.25000	0.2307
2 Chloride	3.875	3.875	0.000	38837636	5.00000	4.026
3 Nitrite	4.608	4.608	0.000	5253673	0.25000	0.2308
4 Bromide	5.733	5.733	0.000	2918580	1.00000	0.8862
5 Nitrate	6.683	6.683	0.000	4292386	0.25000	0.2288
6 Phosphate	8.925	8.925	0.000	65260	0.25000	0.3100(M)
7 Sulfate	10.700	10.700	0.000	27171825	5.00000	4.172

QC Flag Legend

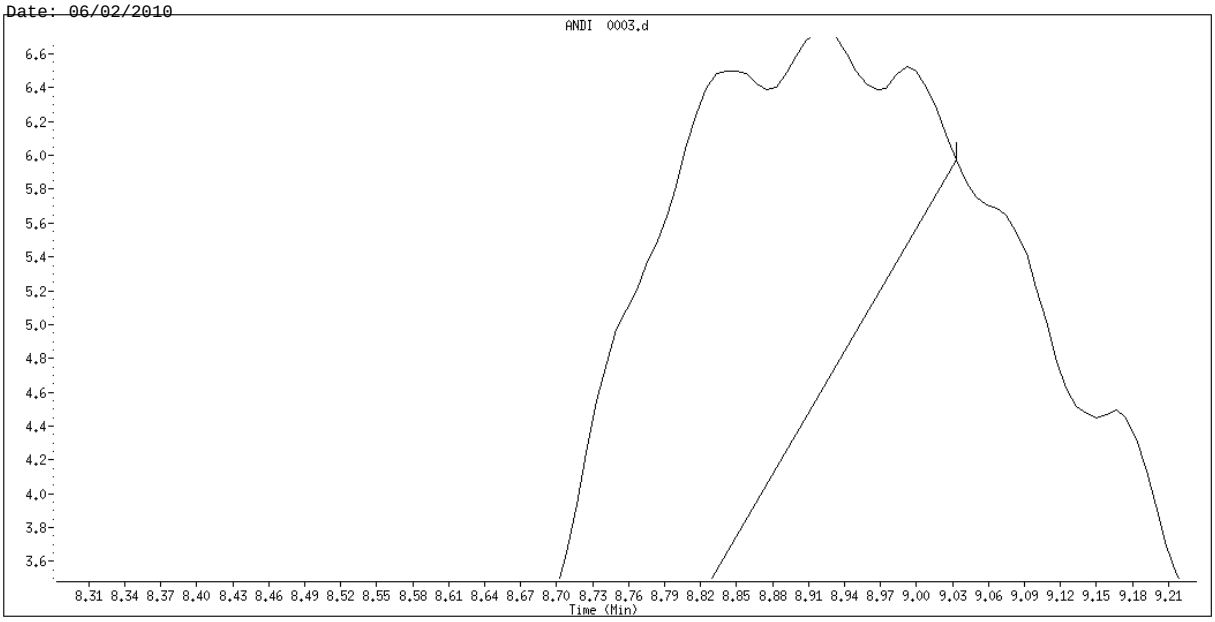
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Date : 02-JUN-2010 13:55
Client ID:
Sample Info: IC0228
Purge Volume: 1.0
Column phase: AS14

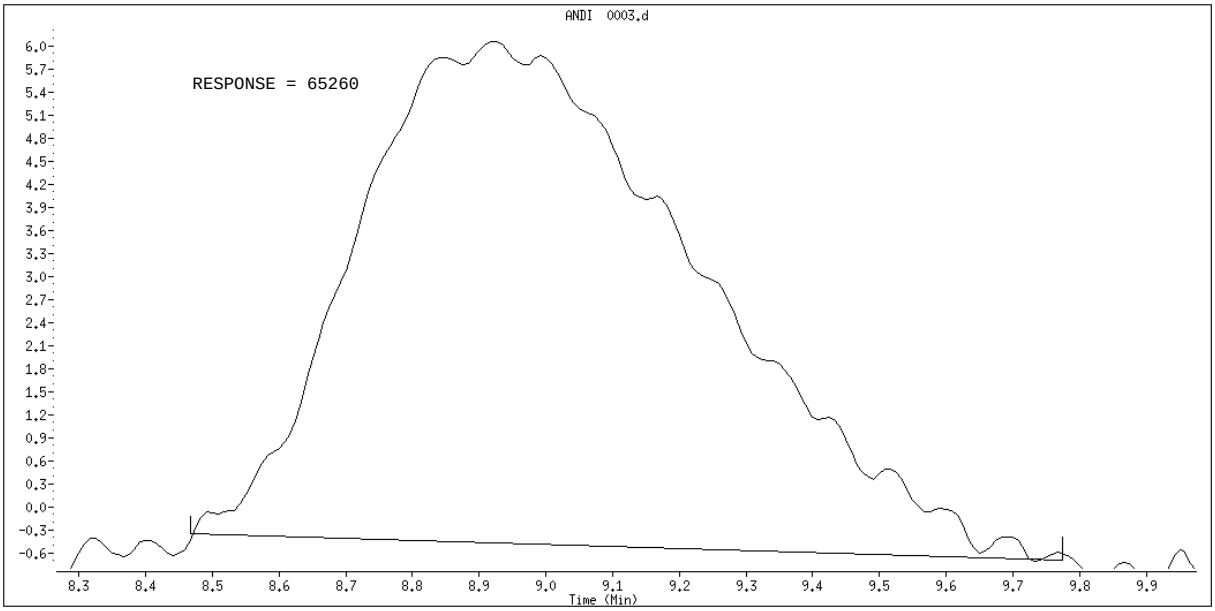
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0003.d
Inj. Date and Time: 02-JUN-2010 13:55
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Lab Smp Id: IC0227
Inj Date : 02-JUN-2010 14:12
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0227
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 14:12 Cal File: 0004.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

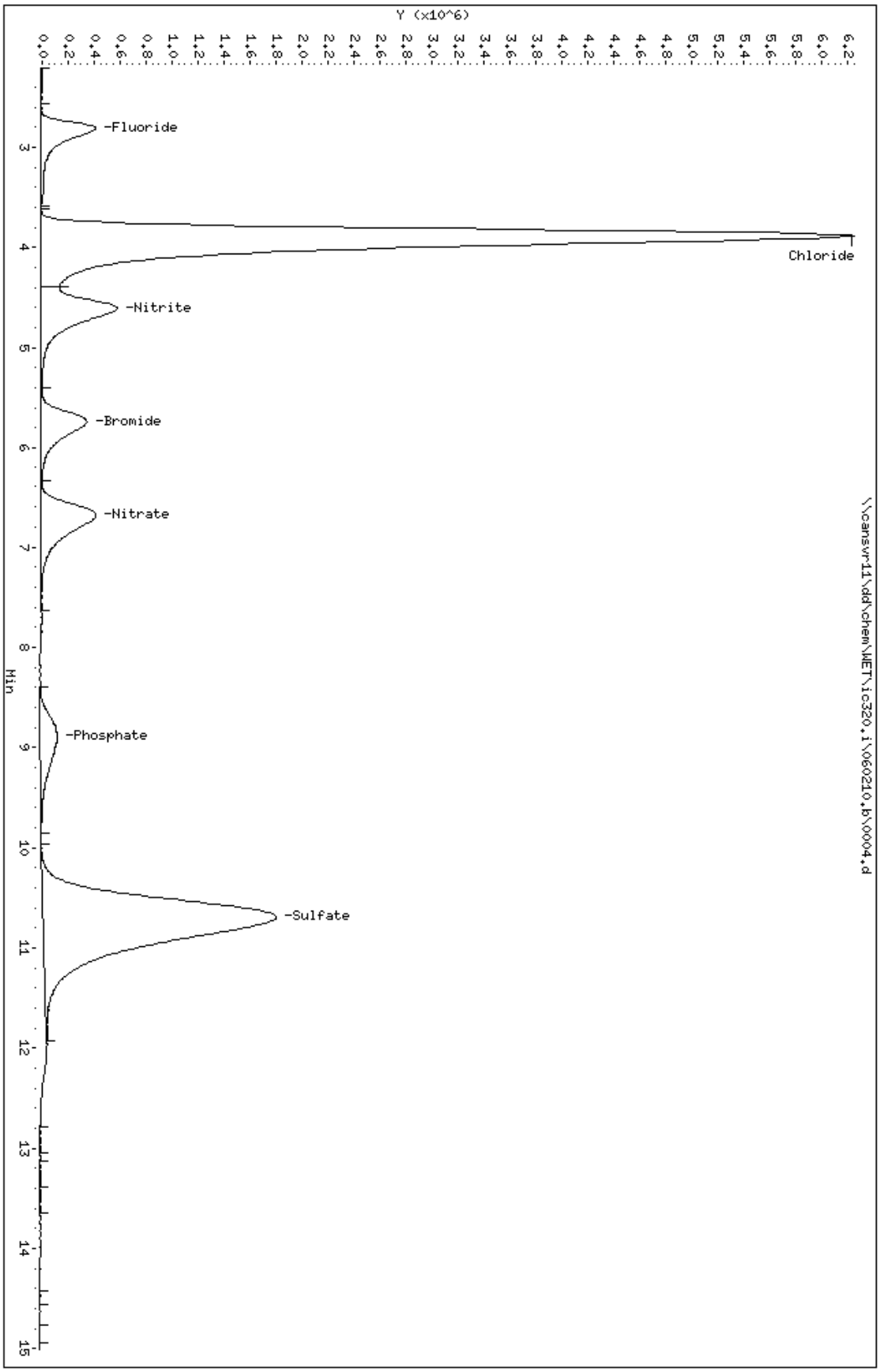
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	5810313	0.50000	0.5045
2 Chloride	3.883	3.883	0.000	79604246	10.0000	9.536
3 Nitrite	4.608	4.608	0.000	10664548	0.50000	0.4494
4 Bromide	5.733	5.733	0.000	6303705	2.00000	1.976
5 Nitrate	6.683	6.683	0.000	8791325	0.50000	0.4785
6 Phosphate	8.883	8.883	0.000	130365	0.50000	0.5113
7 Sulfate	10.691	10.691	0.000	54505304	10.0000	9.261

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Date : 02-JUN-2010 14:12
Client ID:
Sample Info: IC0227
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Lab Smp Id: IC0226
Inj Date : 02-JUN-2010 14:29
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0226
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 14:29 Cal File: 0005.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

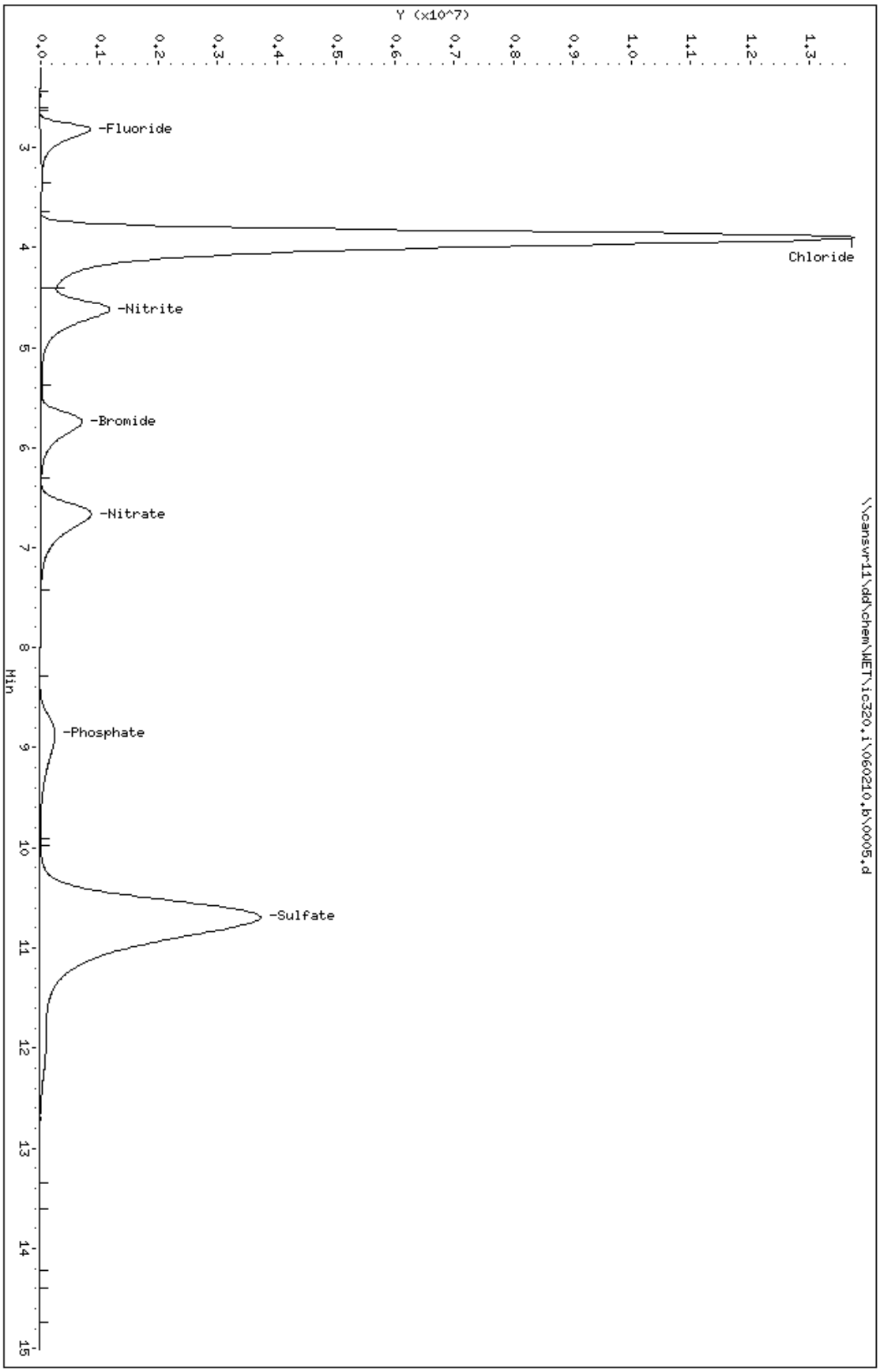
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.816	2.816	0.000	10295949	1.00000	0.9183
2 Chloride	3.900	3.900	0.000	169388674	20.0000	20.22
3 Nitrite	4.616	4.616	0.000	21108631	1.00000	0.9149
4 Bromide	5.733	5.733	0.000	12479122	4.00000	3.933
5 Nitrate	6.675	6.675	0.000	17395244	1.00000	0.9595
6 Phosphate	8.858	8.858	0.000	261661	1.00000	0.9895
7 Sulfate	10.691	10.691	0.000	120853551	20.0000	20.40

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Date : 02-JUN-2010 14:29
Client ID:
Sample Info: IC0226
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Lab Smp Id: IC0225
Inj Date : 02-JUN-2010 14:47
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0225
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 14:47 Cal File: 0006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

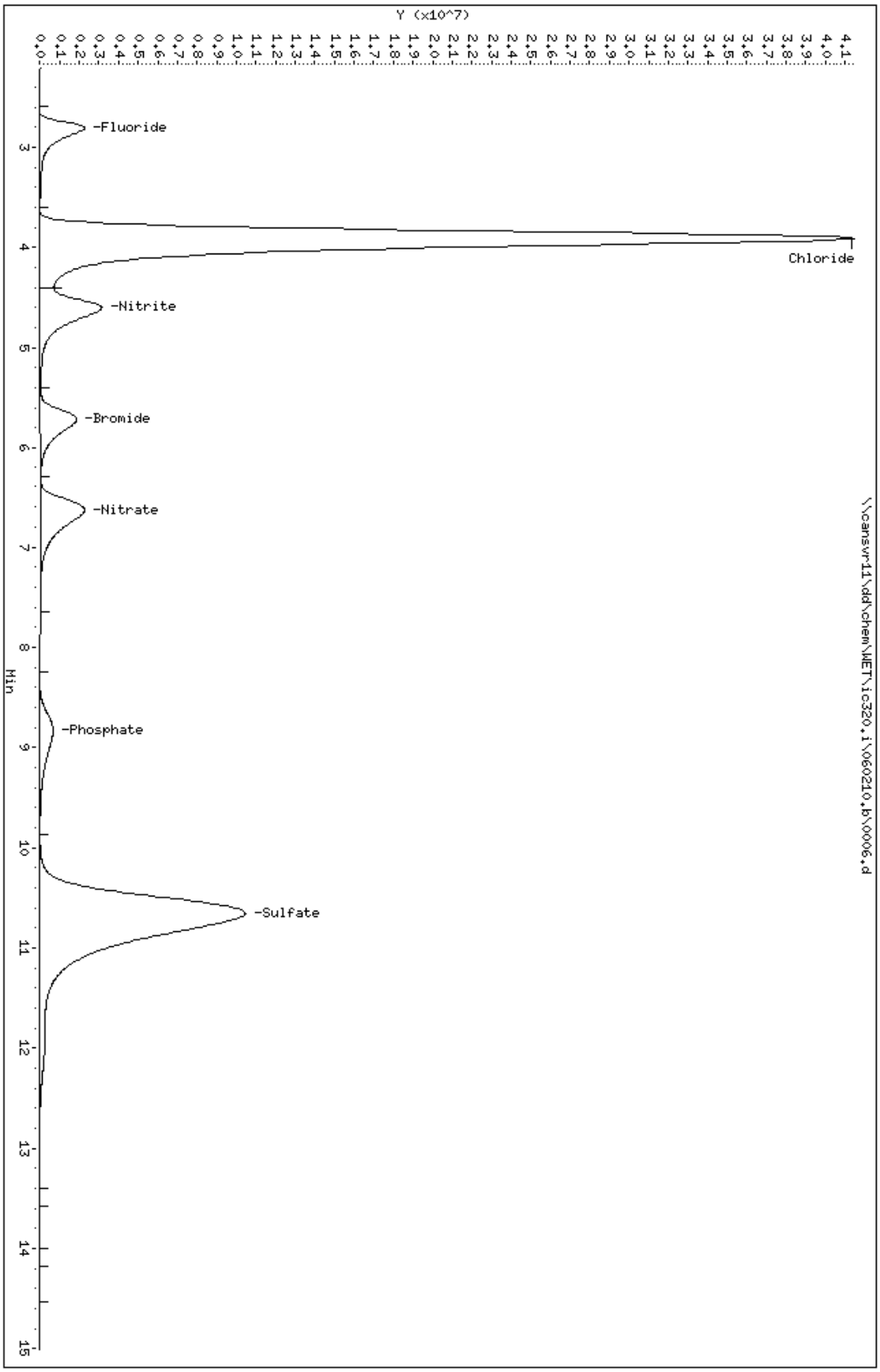
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	29362042	2.50000	2.594
2 Chloride	3.908	3.908	0.000	497467599	50.0000	57.23
3 Nitrite	4.600	4.600	0.000	55694043	2.50000	2.430
4 Bromide	5.708	5.708	0.000	33148134	10.0000	10.36
5 Nitrate	6.633	6.633	0.000	46404422	2.50000	2.547
6 Phosphate	8.833	8.833	0.000	679762	2.50000	2.494
7 Sulfate	10.658	10.658	0.000	328316285	50.0000	54.24

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Date : 02-JUN-2010 14:47
Client ID:
Sample Info: IC0225
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Lab Smp Id: IC0224
Inj Date : 02-JUN-2010 15:04
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0224
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 15:04 Cal File: 0007.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

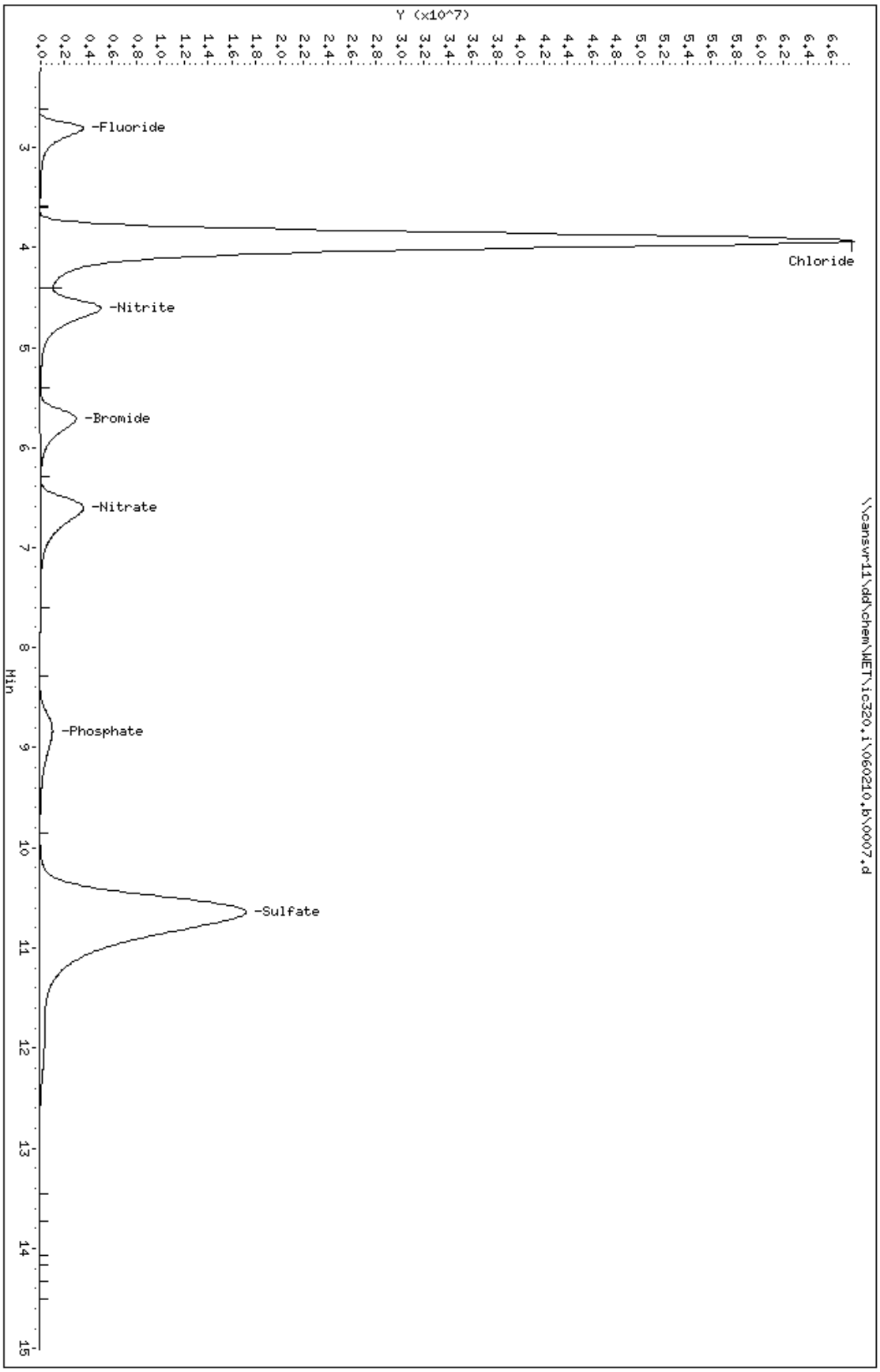
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	46153486	4.00000	4.064
2 Chloride	3.933	3.933	0.000	823684232	80.0000	91.93
3 Nitrite	4.608	4.608	0.000	87545835	4.00000	3.849
4 Bromide	5.708	5.708	0.000	52256204	16.0000	16.27
5 Nitrate	6.608	6.608	0.000	73233640	4.00000	4.017
6 Phosphate	8.841	8.841	0.000	1080201	4.00000	3.978
7 Sulfate	10.641	10.641	0.000	534173760	80.0000	86.76

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Date : 02-JUN-2010 15:04
Client ID:
Sample Info: IC0224
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Lab Smp Id: IC0223
Inj Date : 02-JUN-2010 15:22
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0223
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 15:22 Cal File: 0008.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

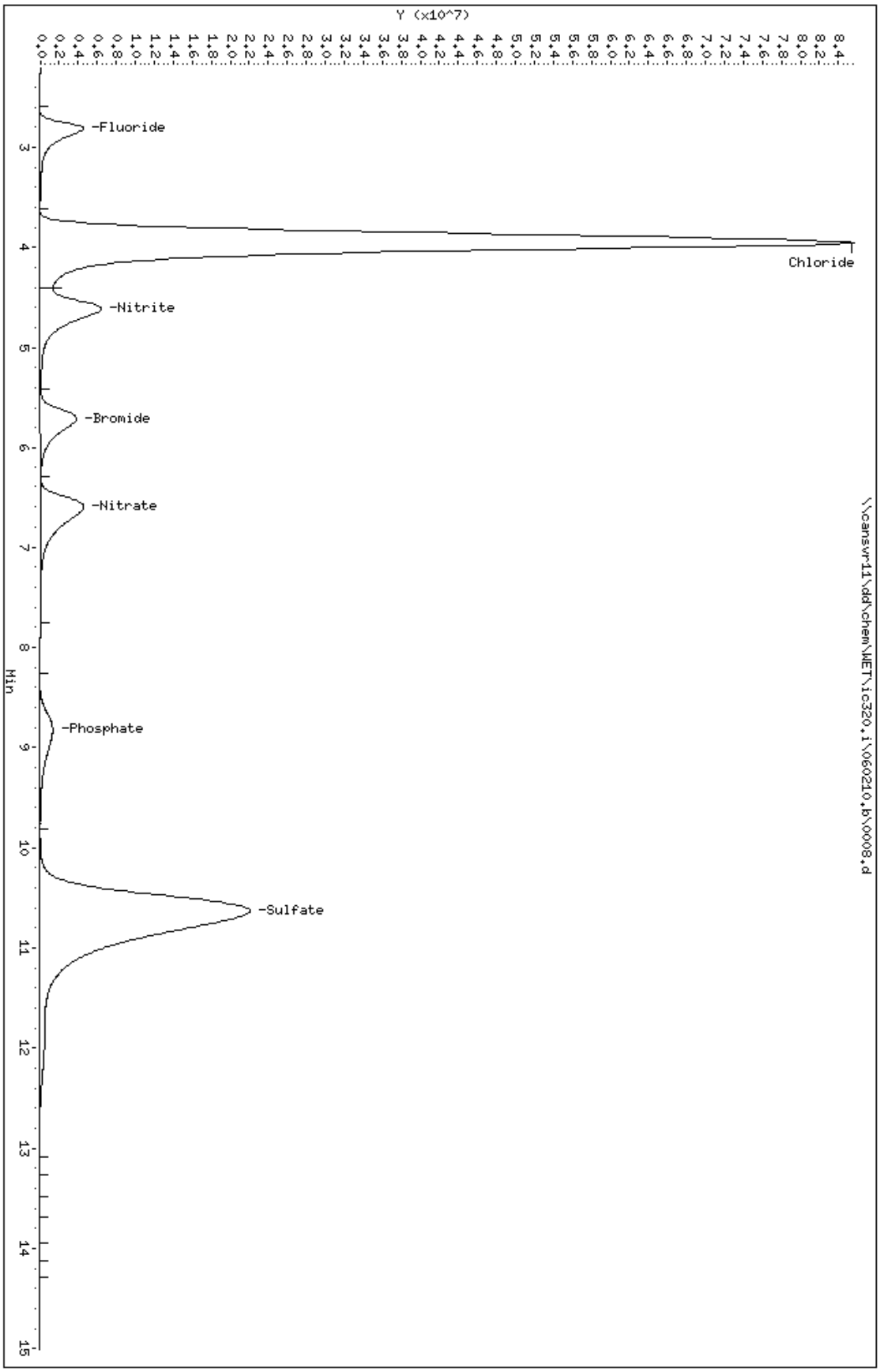
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	58161506	5.00000	5.104
2 Chloride	3.950	3.950	0.000	1055558474	100.000	114.9
3 Nitrite	4.608	4.608	0.000	110982493	5.00000	4.897
4 Bromide	5.708	5.708	0.000	66371035	20.0000	20.57
5 Nitrate	6.600	6.600	0.000	93738831	5.00000	5.121
6 Phosphate	8.825	8.825	0.000	1374998	5.00000	5.020
7 Sulfate	10.633	10.633	0.000	685785413	100.000	109.6

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Date : 02-JUN-2010 15:22
Client ID:
Sample Info: IC0223
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d
Lab Smp Id: IC0222
Inj Date : 02-JUN-2010 15:39
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0222
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 15:39 Cal File: 0009.d
Als bottle: 1 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

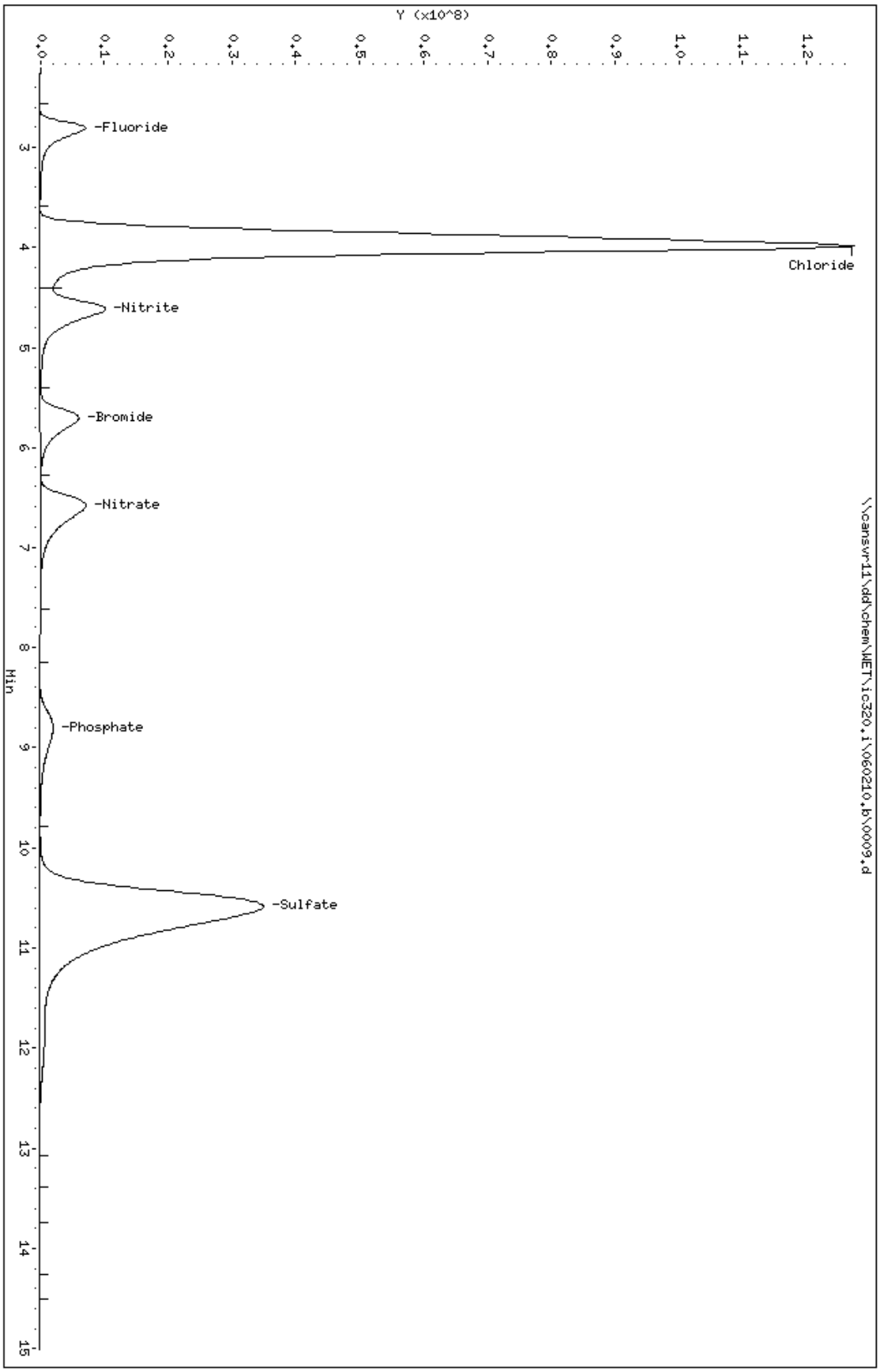
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	89789769	7.50000	7.830
2 Chloride	3.983	3.983	0.000	1664245293	150.000	176.6
3 Nitrite	4.608	4.608	0.000	170479283	7.50000	7.519
4 Bromide	5.700	5.700	0.000	102252113	30.0000	31.46
5 Nitrate	6.583	6.583	0.000	144242231	7.50000	7.830
6 Phosphate	8.808	8.808	0.000	2110900	7.50000	7.566
7 Sulfate	10.583	10.583	0.000	1089597116	150.000	170.7

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d
Date : 02-JUN-2010 15:39
Client ID:
Sample Info: IC0222
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d
Lab Smp Id: IC0221
Inj Date : 02-JUN-2010 15:56
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0221
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 15:56 Cal File: 0010.d
Als bottle: 1 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

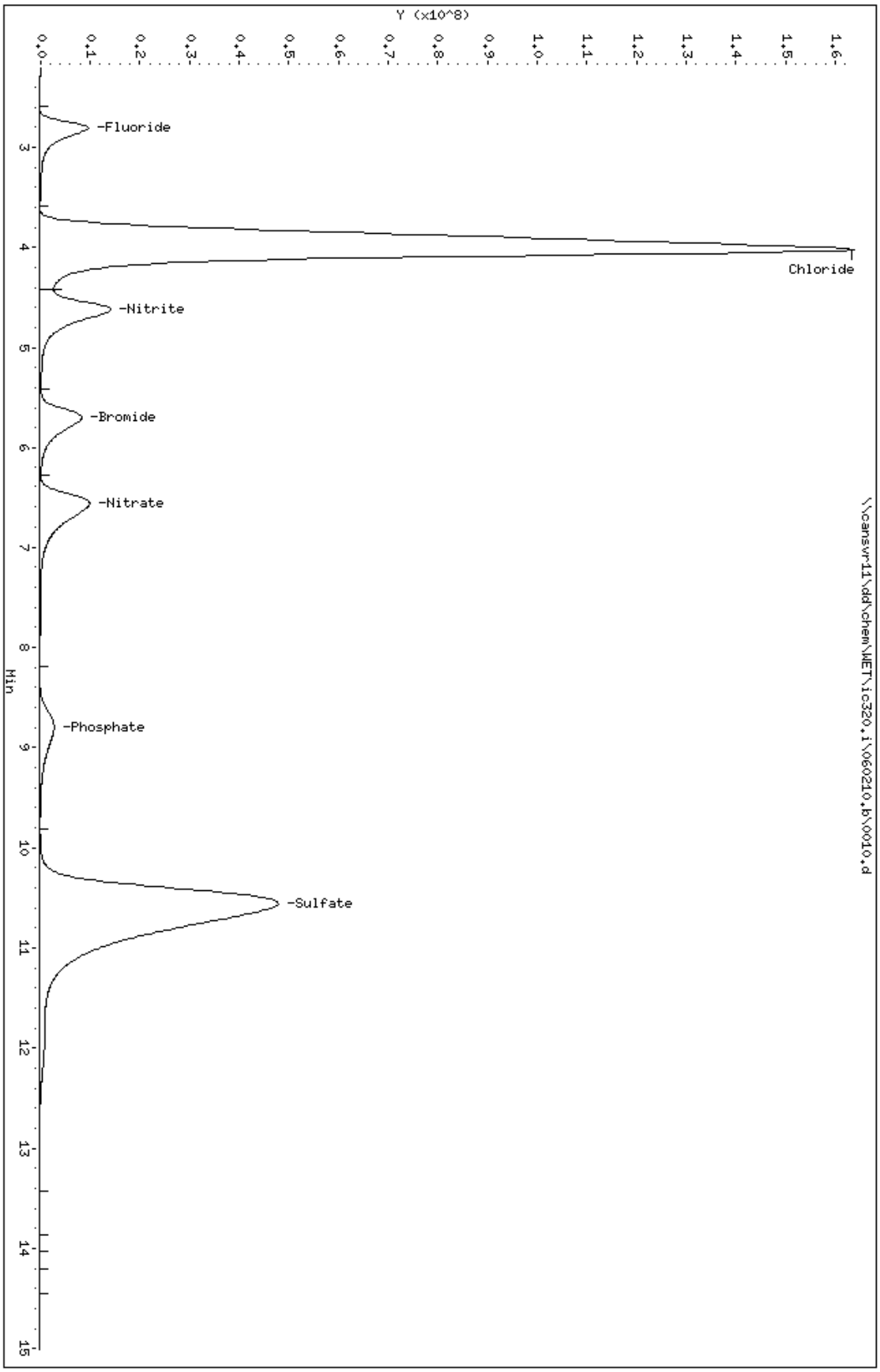
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	122256462	10.0000	10.58(A)
2 Chloride	4.025	4.025	0.000	2283945646	200.000	236.7(A)
3 Nitrite	4.616	4.616	0.000	234475345	10.0000	10.30(A)
4 Bromide	5.700	5.700	0.000	145728462	40.0000	44.25(A)
5 Nitrate	6.566	6.566	0.000	214423629	10.0000	11.43(A)
6 Phosphate	8.800	8.800	0.000	2902023	10.0000	10.16(A)
7 Sulfate	10.558	10.558	0.000	1510718017	200.000	232.0(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d
Date : 02-JUN-2010 15:56
Client ID:
Sample Info: IC0221
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



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Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0001.d
Report Date: 02-Jun-2010 17:11

TestAmerica North Canton

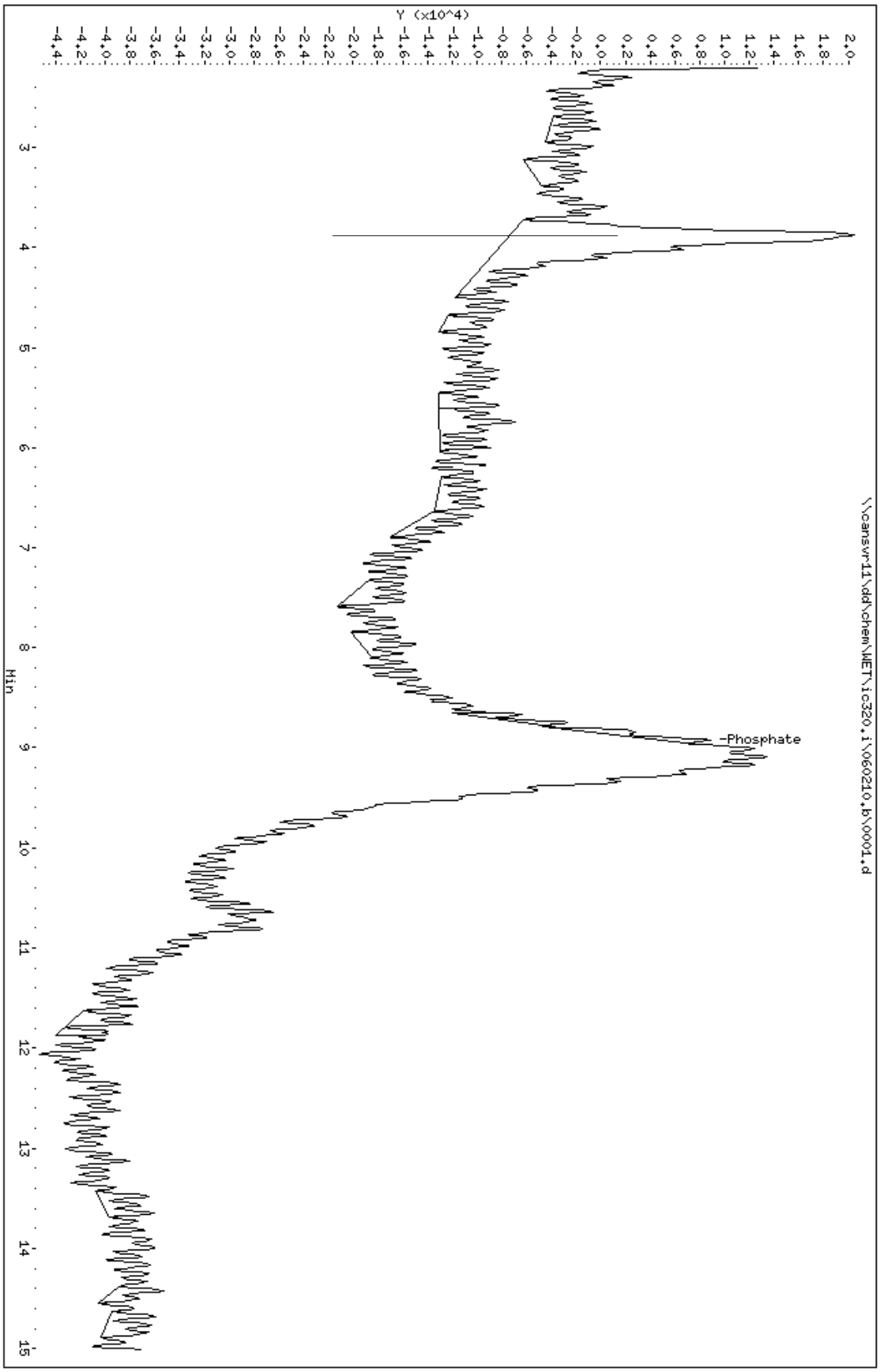
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0001.d
Lab Smp Id: RINSE
Inj Date : 02-JUN-2010 13:20
Operator : 001754 Inst ID: ic320.i
Smp Info : RINSE
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:05 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.925	8.925	0.000	4255	0.09767	0.09767
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0001.d
Date : 02-JUN-2010 13:20
Client ID:
Sample Info: RINSE
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0001.d
Phosphate
Y (x10^4)
Min

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Lab Smp Id: IC0229
Inj Date : 02-JUN-2010 13:37
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0229
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:37 Cal File: 0002.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

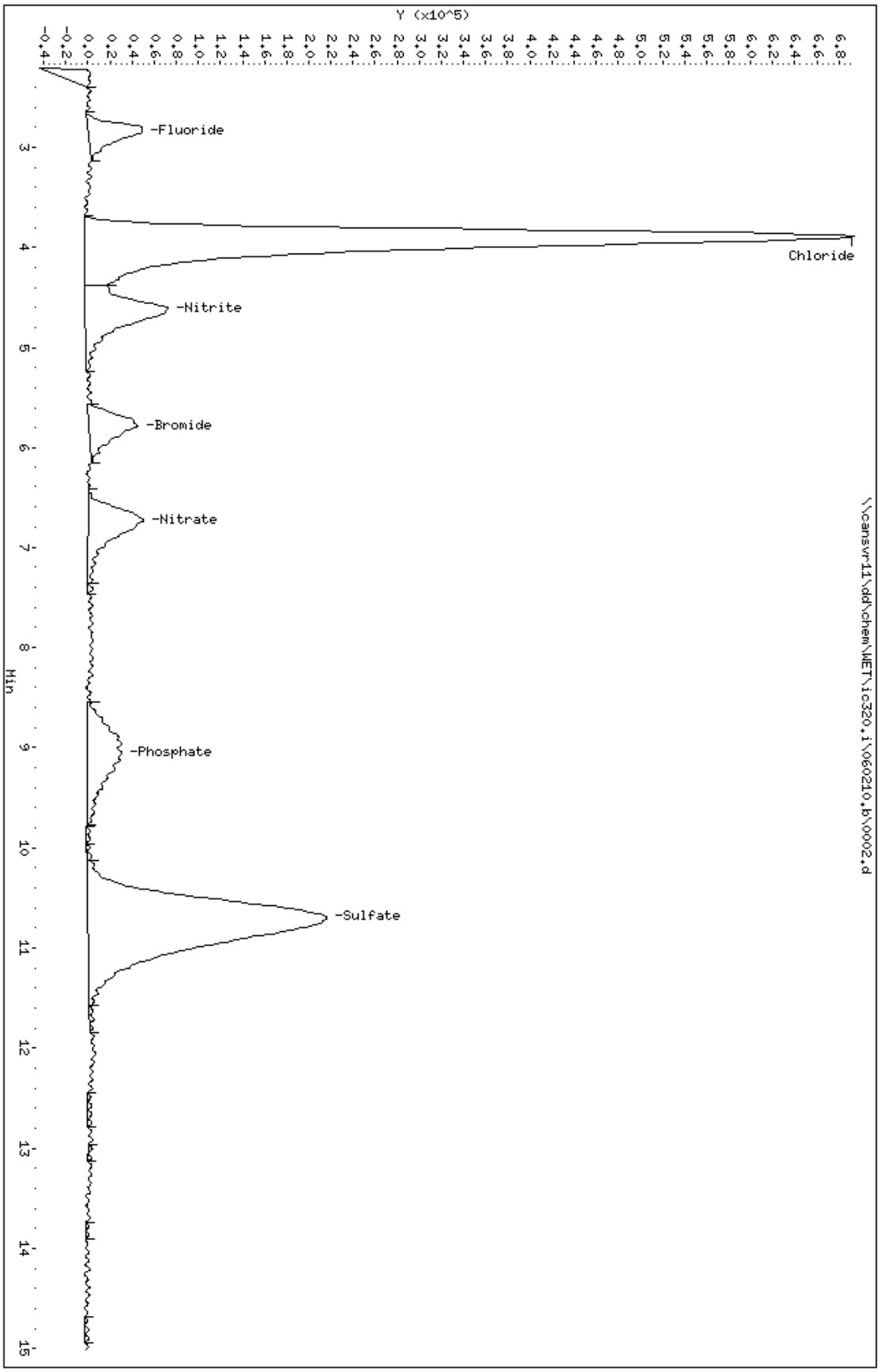
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

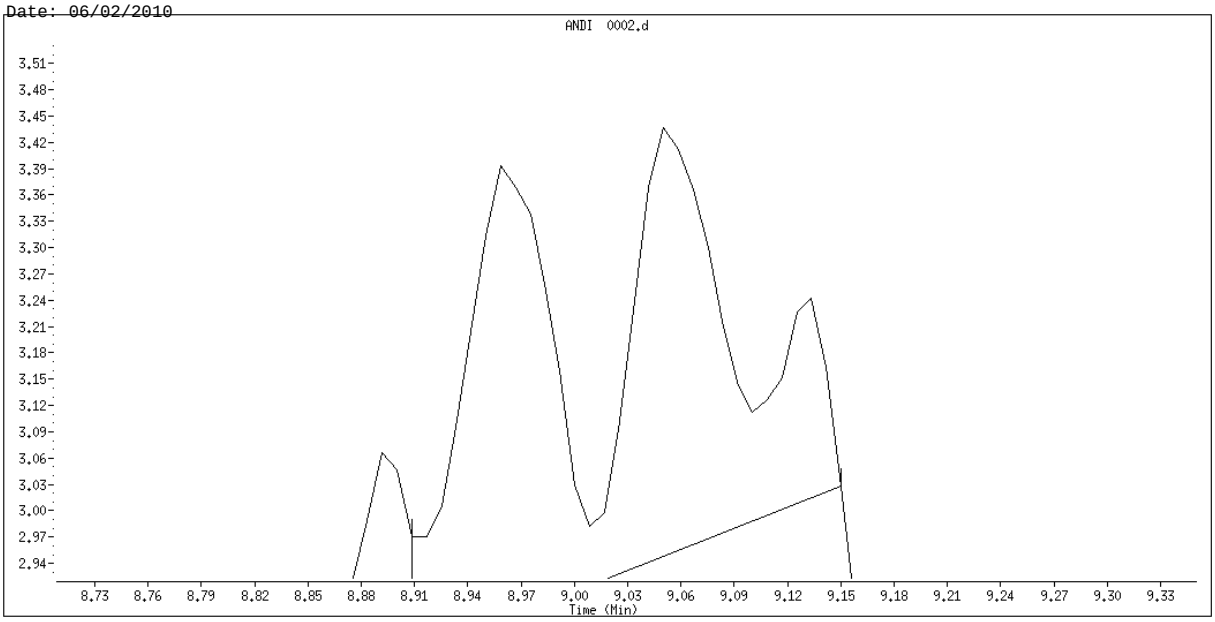
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.833	2.833	0.000	613679	0.05000	0.05313
2 Chloride	3.891	3.891	0.000	9315415	1.00000	0.9656(a)
3 Nitrite	4.608	4.608	0.000	1441988	0.05000	0.06336
4 Bromide	5.775	5.775	0.000	700053	0.20000	0.2126
5 Nitrate	6.733	6.733	0.000	1018479	0.05000	0.05430(a)
6 Phosphate	9.050	9.050	0.000	31328	0.05000	0.2212(M)
7 Sulfate	10.691	10.691	0.000	6771403	1.00000	1.040

QC Flag Legend

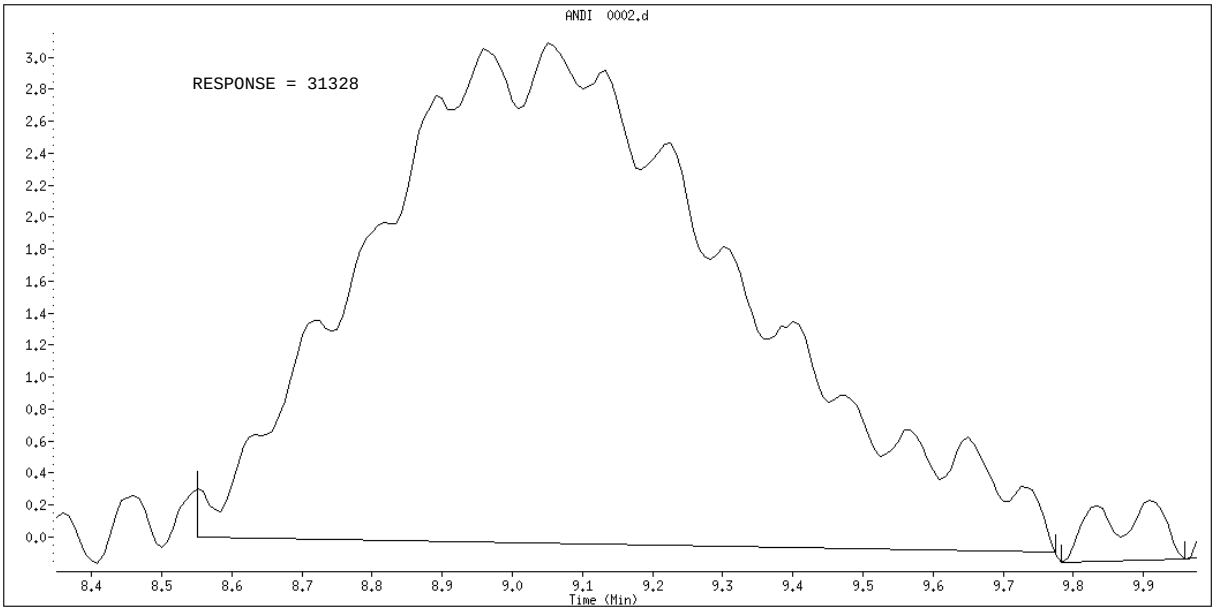
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Date : 02-JUN-2010 13:37
Client ID:
Sample Info: IC0229
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0002.d
Y (x10^5)
-Fluoride
Chloride
-Nitrite
-Bromide
-Nitrate
-Phosphate
-Sulfate
Min

Data File Name: 0002.d
Inj. Date and Time: 02-JUN-2010 13:37
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Lab Smp Id: IC0228
Inj Date : 02-JUN-2010 13:55
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0228
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

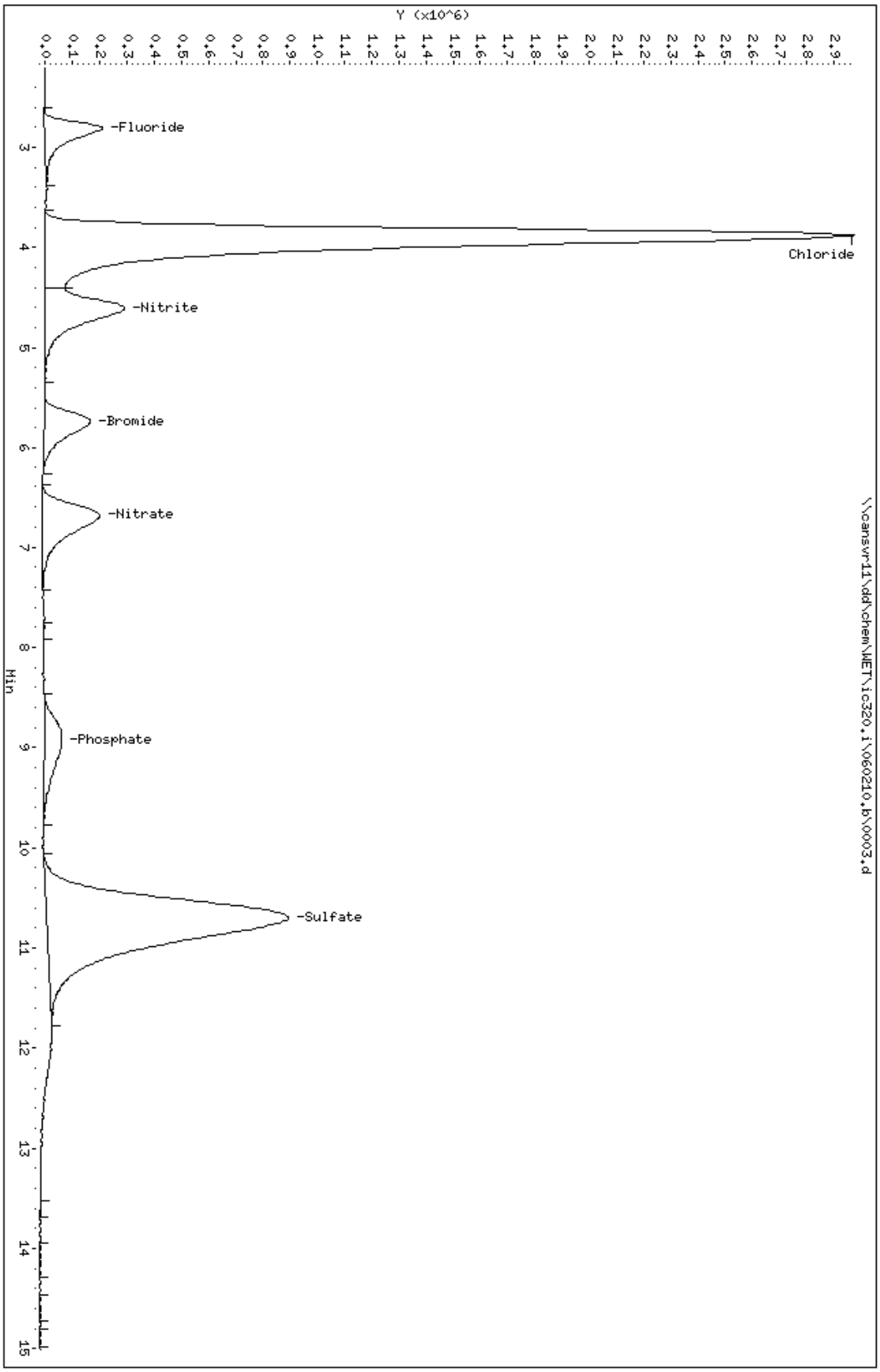
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	2664678	0.25000	0.2307
2 Chloride	3.875	3.875	0.000	38837636	5.00000	4.026
3 Nitrite	4.608	4.608	0.000	5253673	0.25000	0.2308
4 Bromide	5.733	5.733	0.000	2918580	1.00000	0.8862
5 Nitrate	6.683	6.683	0.000	4292386	0.25000	0.2288
6 Phosphate	8.925	8.925	0.000	65260	0.25000	0.3100(M)
7 Sulfate	10.700	10.700	0.000	27171825	5.00000	4.172

QC Flag Legend

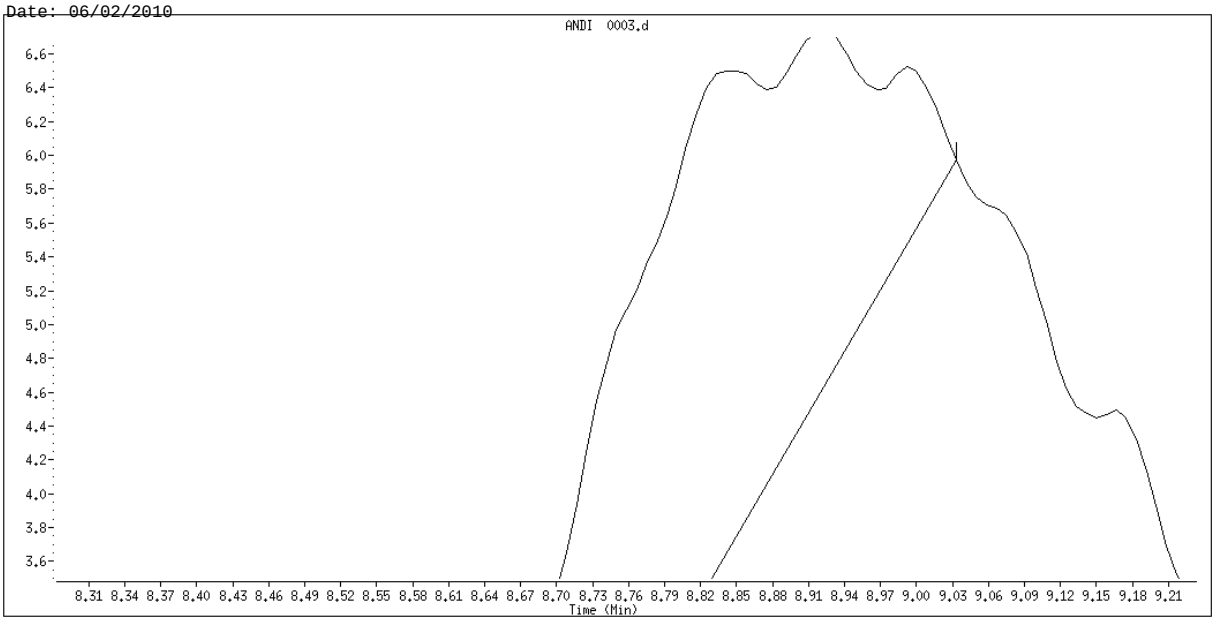
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0003.d
Date : 02-JUN-2010 13:55
Client ID:
Sample Info: IC0228
Purge Volume: 1.0
Column Phase: AS14

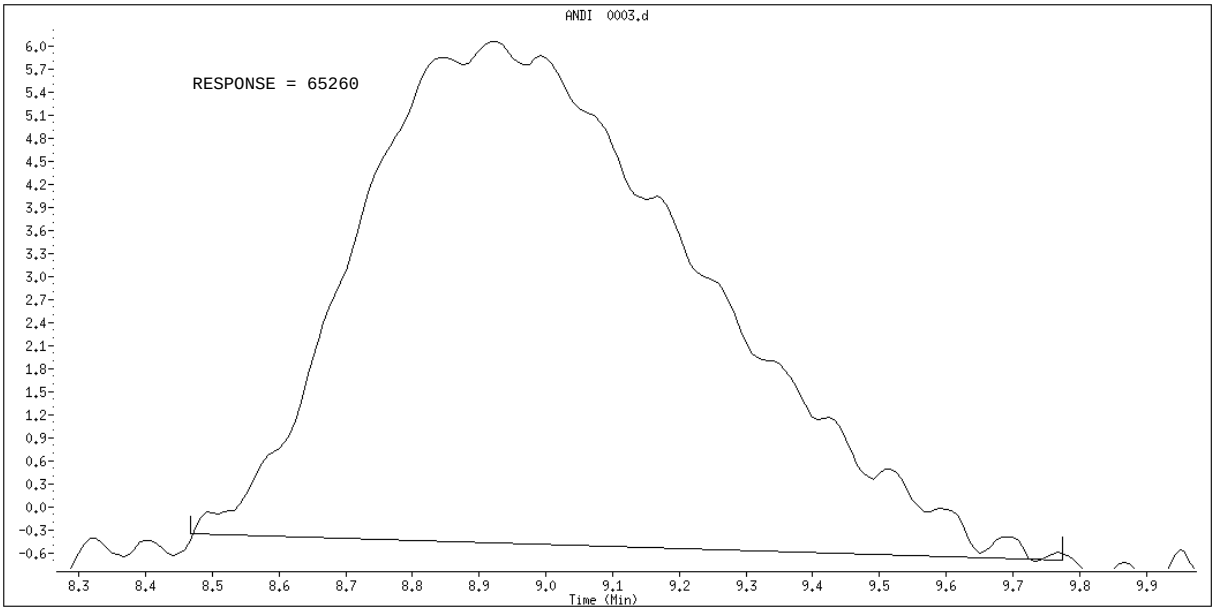
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0003.d
Inj. Date and Time: 02-JUN-2010 13:55
Instrument ID: ic320.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Lab Smp Id: IC0227
Inj Date : 02-JUN-2010 14:12
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0227
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 14:12 Cal File: 0004.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

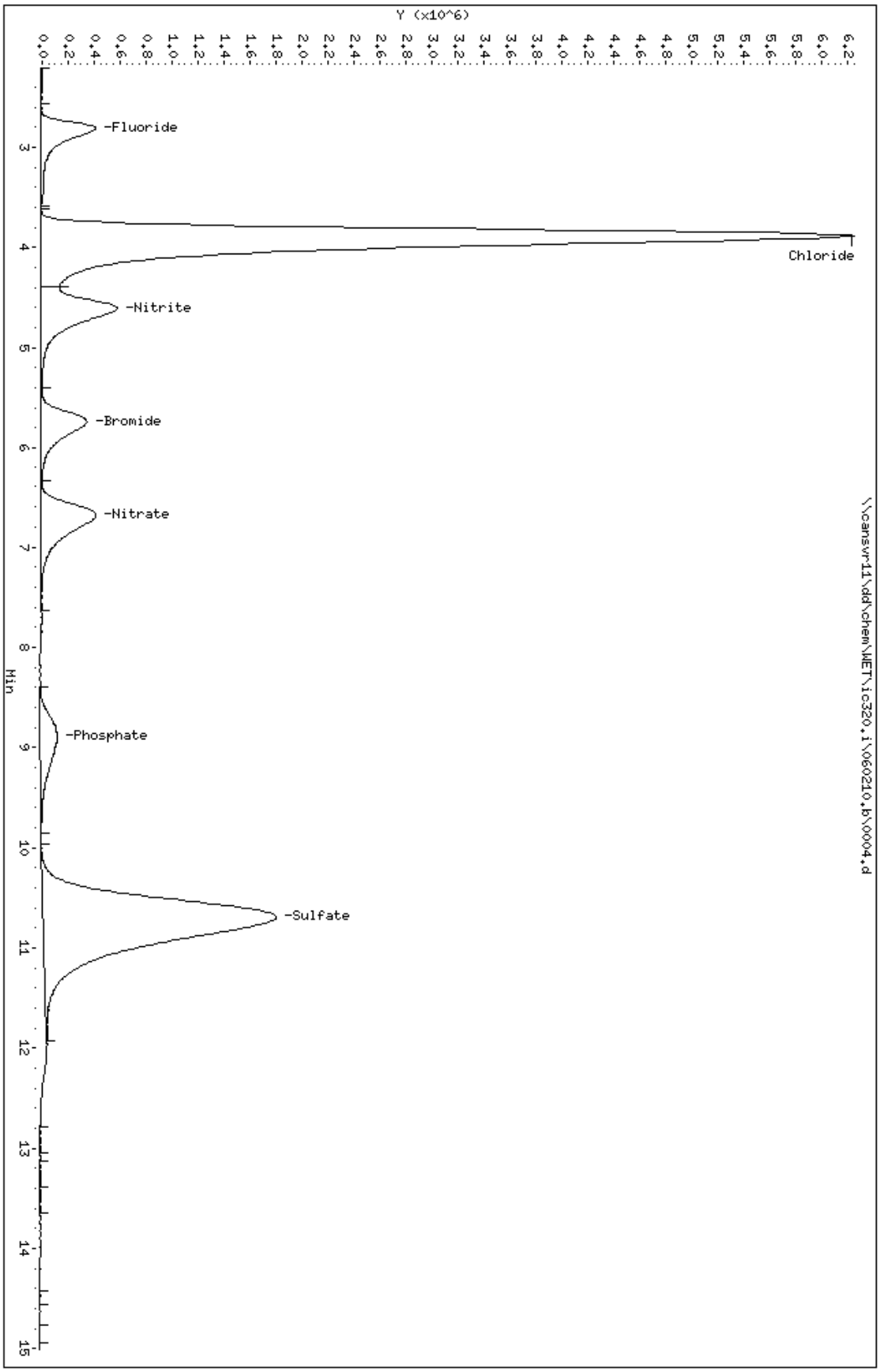
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	5810313	0.50000	0.5045
2 Chloride	3.883	3.883	0.000	79604246	10.0000	9.536
3 Nitrite	4.608	4.608	0.000	10664548	0.50000	0.4494
4 Bromide	5.733	5.733	0.000	6303705	2.00000	1.976
5 Nitrate	6.683	6.683	0.000	8791325	0.50000	0.4785
6 Phosphate	8.883	8.883	0.000	130365	0.50000	0.5113
7 Sulfate	10.691	10.691	0.000	54505304	10.0000	9.261

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0004.d
Date : 02-JUN-2010 14:12
Client ID:
Sample Info: IC0227
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Lab Smp Id: IC0226
Inj Date : 02-JUN-2010 14:29
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0226
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 14:29 Cal File: 0005.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

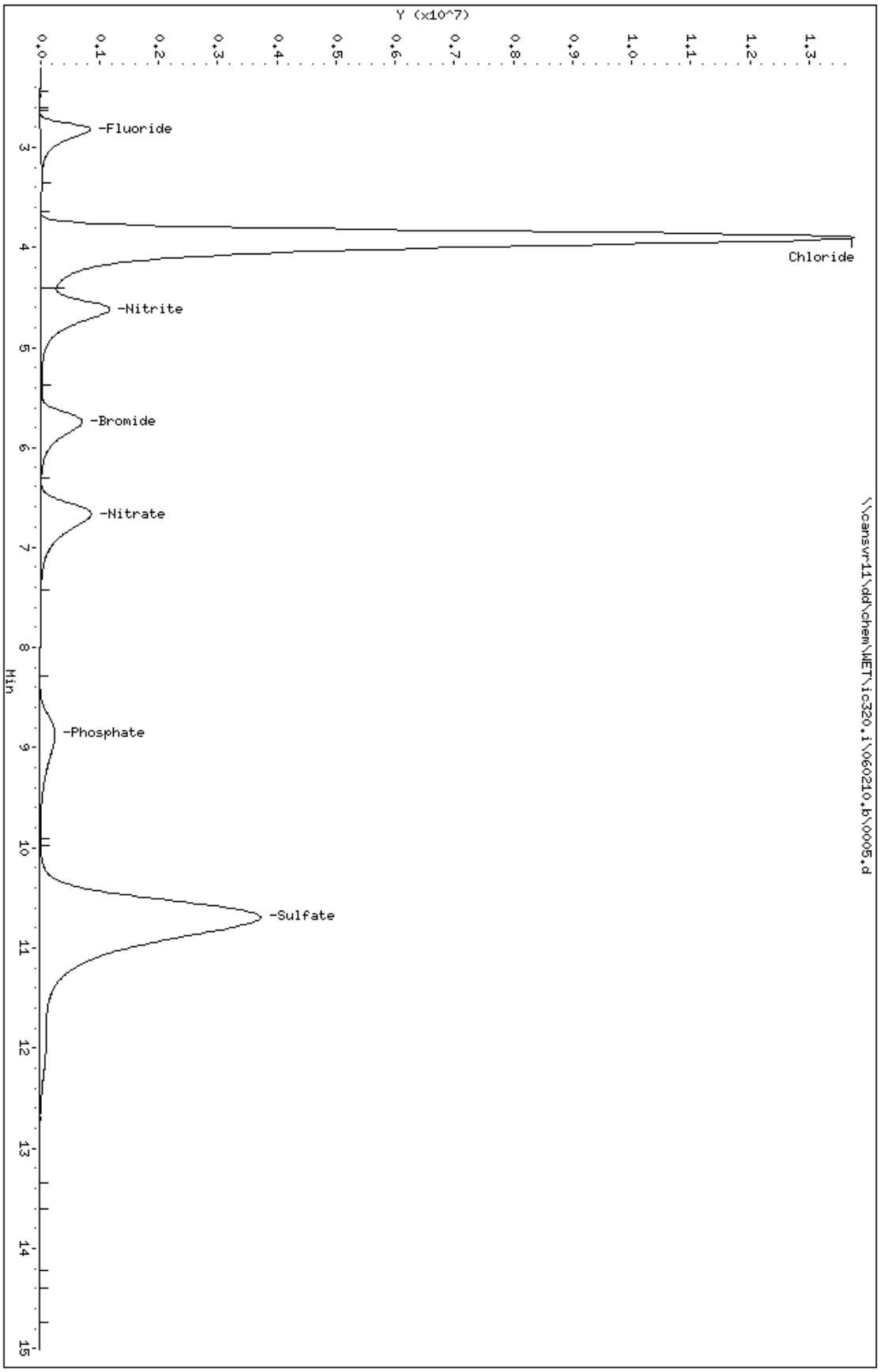
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.816	2.816	0.000	10295949	1.00000	0.9183
2 Chloride	3.900	3.900	0.000	169388674	20.0000	20.22
3 Nitrite	4.616	4.616	0.000	21108631	1.00000	0.9149
4 Bromide	5.733	5.733	0.000	12479122	4.00000	3.933
5 Nitrate	6.675	6.675	0.000	17395244	1.00000	0.9595
6 Phosphate	8.858	8.858	0.000	261661	1.00000	0.9895
7 Sulfate	10.691	10.691	0.000	120853551	20.0000	20.40

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0005.d
Date : 02-JUN-2010 14:29
Client ID:
Sample Info: IC0226
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Lab Smp Id: IC0225
Inj Date : 02-JUN-2010 14:47
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0225
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 14:47 Cal File: 0006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

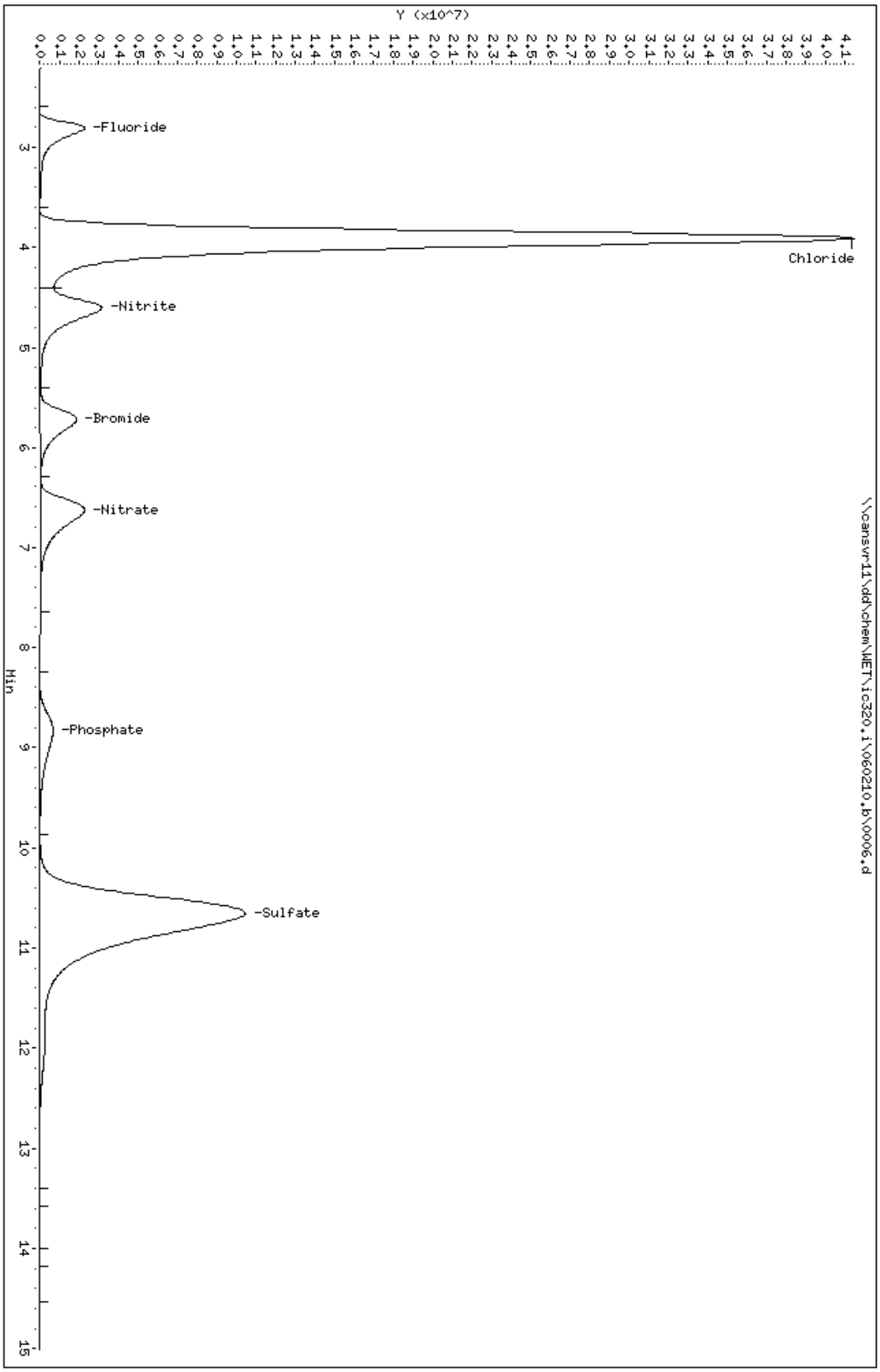
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	29362042	2.50000	2.594
2 Chloride	3.908	3.908	0.000	497467599	50.0000	57.23
3 Nitrite	4.600	4.600	0.000	55694043	2.50000	2.430
4 Bromide	5.708	5.708	0.000	33148134	10.0000	10.36
5 Nitrate	6.633	6.633	0.000	46404422	2.50000	2.547
6 Phosphate	8.833	8.833	0.000	679762	2.50000	2.494
7 Sulfate	10.658	10.658	0.000	328316285	50.0000	54.24

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0006.d
Date : 02-JUN-2010 14:47
Client ID:
Sample Info: IC0225
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Lab Smp Id: IC0224
Inj Date : 02-JUN-2010 15:04
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0224
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 15:04 Cal File: 0007.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

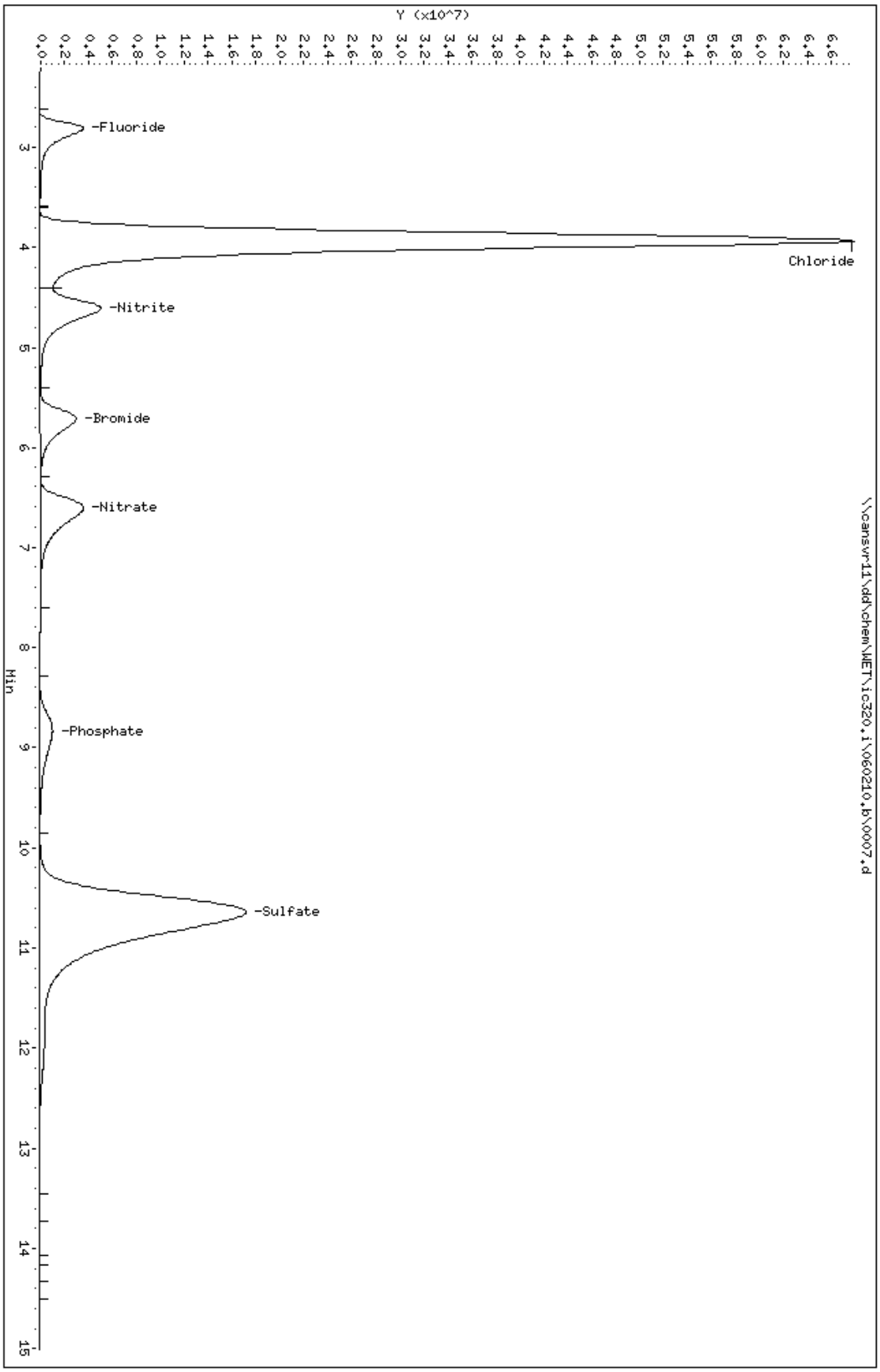
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	46153486	4.00000	4.064
2 Chloride	3.933	3.933	0.000	823684232	80.0000	91.93
3 Nitrite	4.608	4.608	0.000	87545835	4.00000	3.849
4 Bromide	5.708	5.708	0.000	52256204	16.0000	16.27
5 Nitrate	6.608	6.608	0.000	73233640	4.00000	4.017
6 Phosphate	8.841	8.841	0.000	1080201	4.00000	3.978
7 Sulfate	10.641	10.641	0.000	534173760	80.0000	86.76

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0007.d
Date : 02-JUN-2010 15:04
Client ID:
Sample Info: IC0224
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Lab Smp Id: IC0223
Inj Date : 02-JUN-2010 15:22
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0223
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 15:22 Cal File: 0008.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

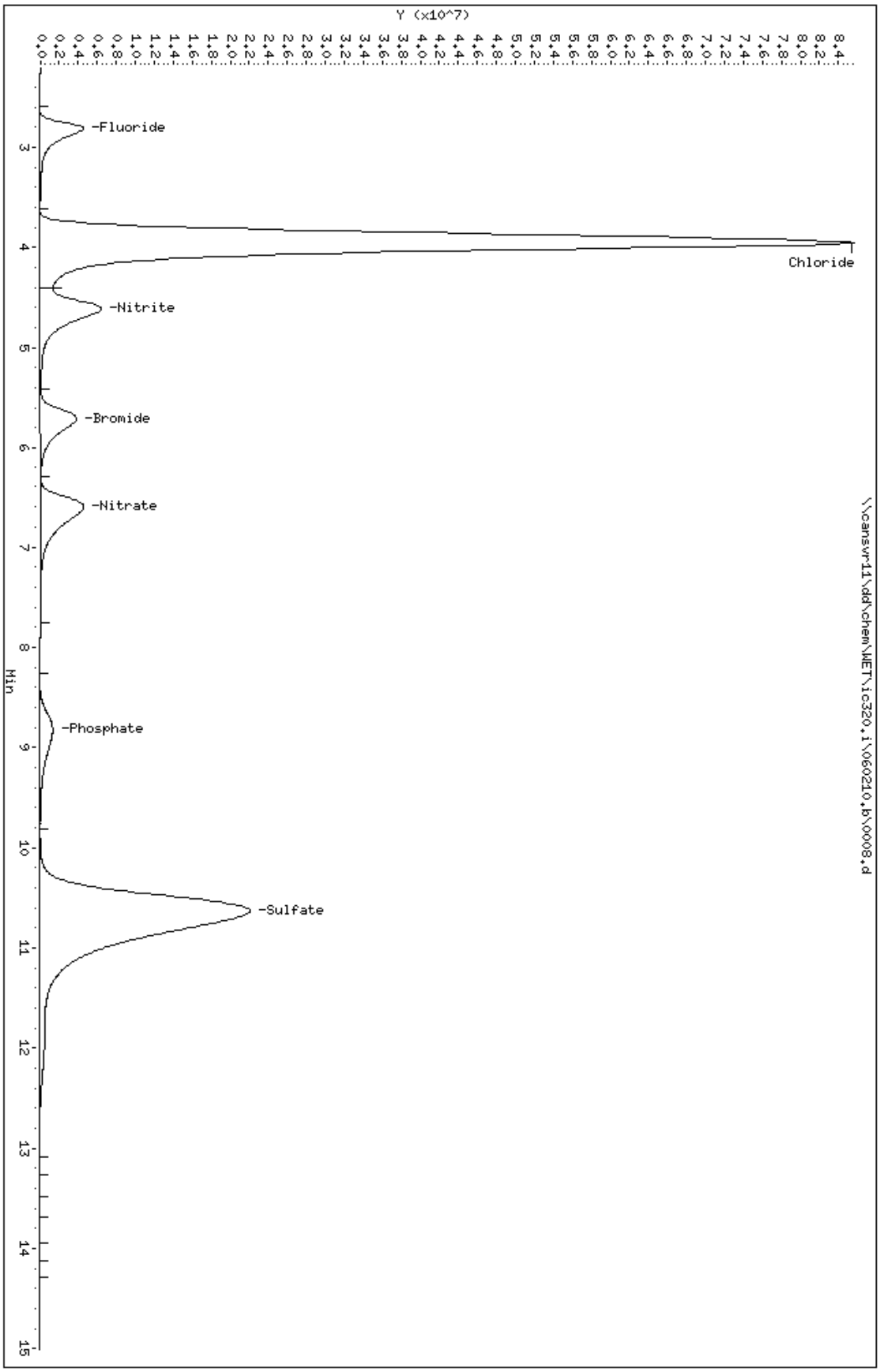
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	58161506	5.00000	5.104
2 Chloride	3.950	3.950	0.000	1055558474	100.000	114.9
3 Nitrite	4.608	4.608	0.000	110982493	5.00000	4.897
4 Bromide	5.708	5.708	0.000	66371035	20.0000	20.57
5 Nitrate	6.600	6.600	0.000	93738831	5.00000	5.121
6 Phosphate	8.825	8.825	0.000	1374998	5.00000	5.020
7 Sulfate	10.633	10.633	0.000	685785413	100.000	109.6

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0008.d
Date : 02-JUN-2010 15:22
Client ID:
Sample Info: IC0223
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d
Lab Smp Id: IC0222
Inj Date : 02-JUN-2010 15:39
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0222
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 15:39 Cal File: 0009.d
Als bottle: 1 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

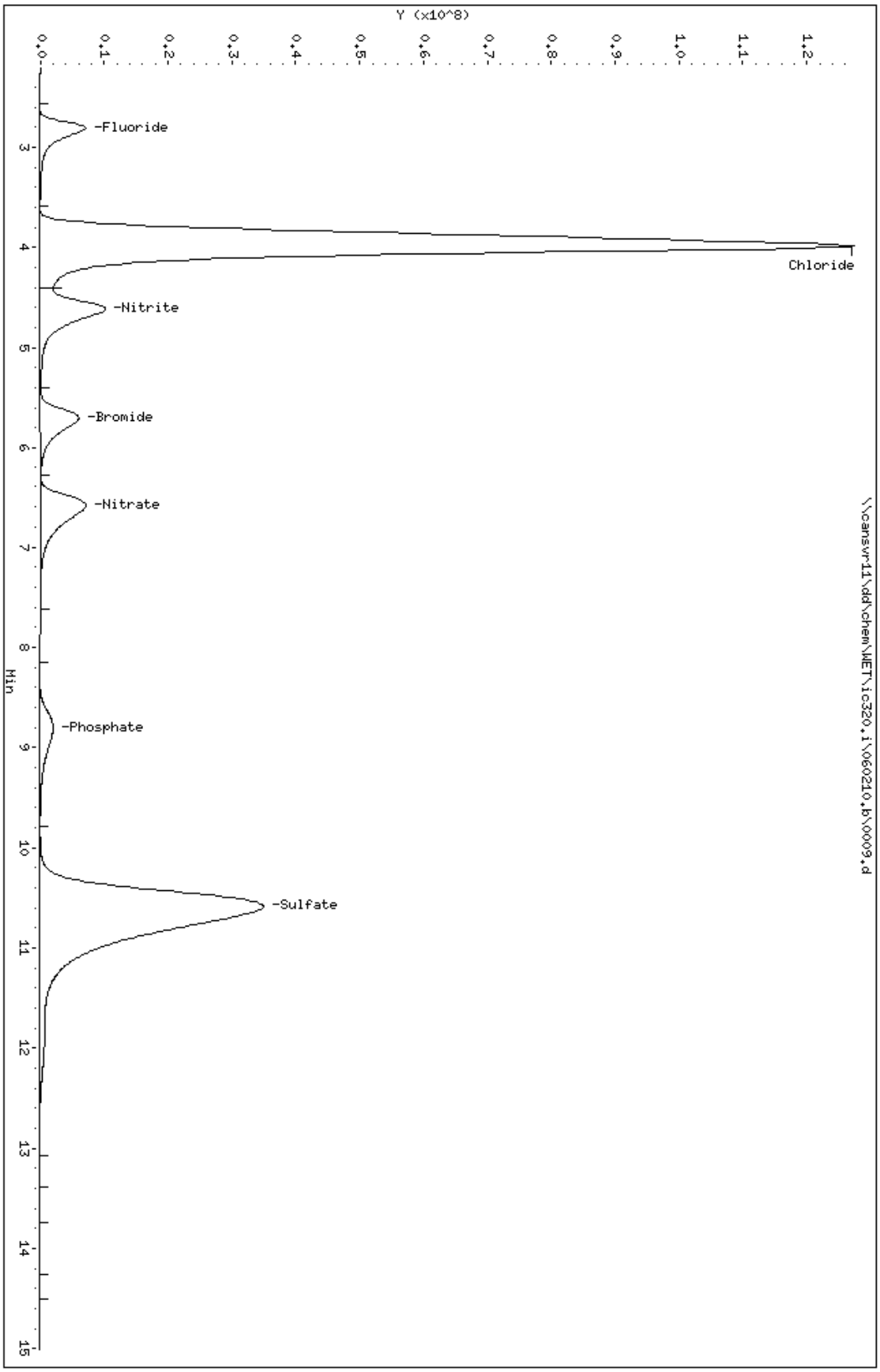
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	89789769	7.50000	7.830
2 Chloride	3.983	3.983	0.000	1664245293	150.000	176.6
3 Nitrite	4.608	4.608	0.000	170479283	7.50000	7.519
4 Bromide	5.700	5.700	0.000	102252113	30.0000	31.46
5 Nitrate	6.583	6.583	0.000	144242231	7.50000	7.830
6 Phosphate	8.808	8.808	0.000	2110900	7.50000	7.566
7 Sulfate	10.583	10.583	0.000	1089597116	150.000	170.7

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0009.d
Date : 02-JUN-2010 15:39
Client ID:
Sample Info: IC0222
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d
Report Date: 02-Jun-2010 17:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d
Lab Smp Id: IC0221
Inj Date : 02-JUN-2010 15:56
Operator : 001754 Inst ID: ic320.i
Smp Info : IC0221
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:03 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 15:56 Cal File: 0010.d
Als bottle: 1 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

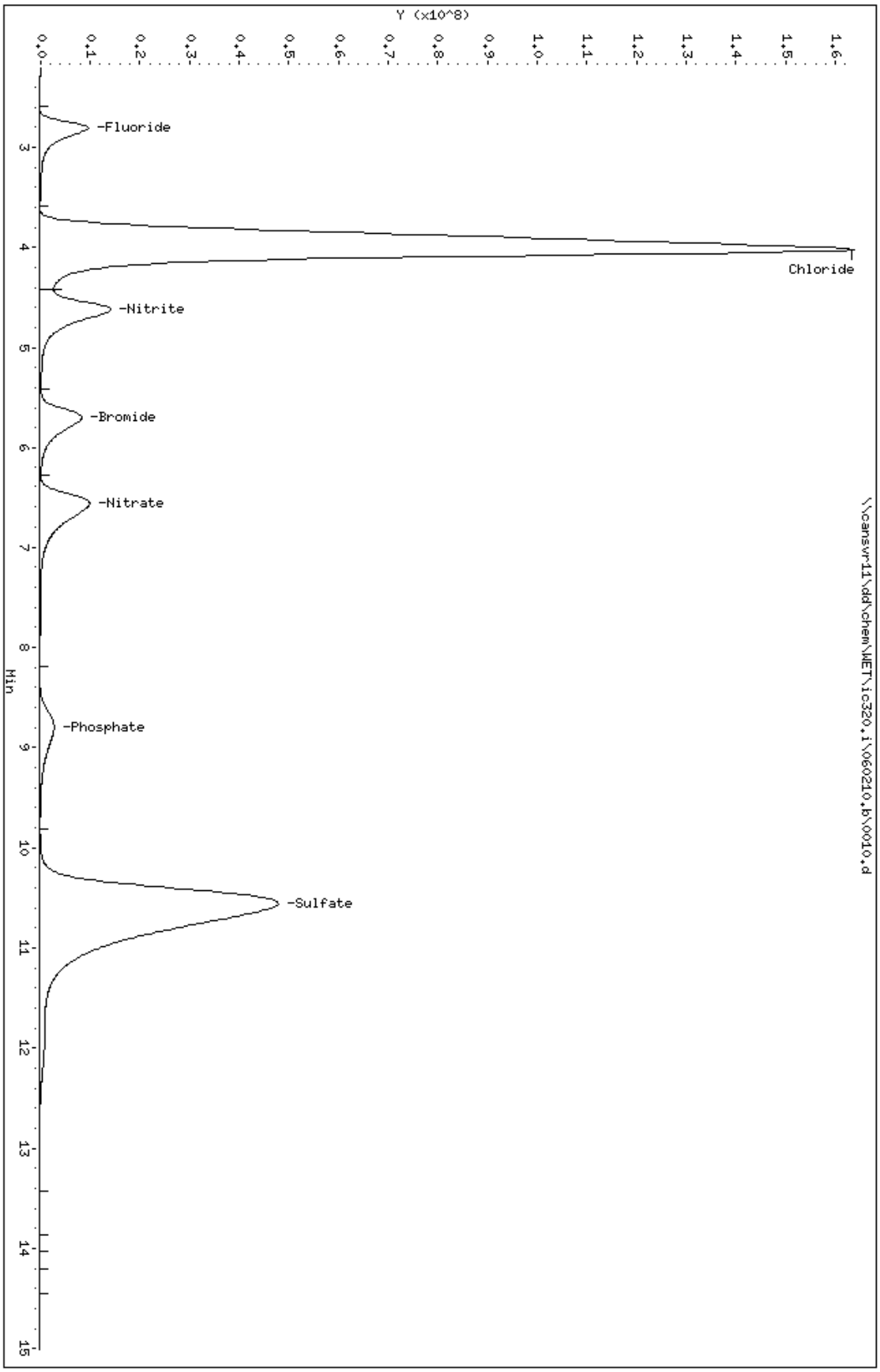
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	122256462	10.0000	10.58(A)
2 Chloride	4.025	4.025	0.000	2283945646	200.000	236.7(A)
3 Nitrite	4.616	4.616	0.000	234475345	10.0000	10.30(A)
4 Bromide	5.700	5.700	0.000	145728462	40.0000	44.25(A)
5 Nitrate	6.566	6.566	0.000	214423629	10.0000	11.43(A)
6 Phosphate	8.800	8.800	0.000	2902023	10.0000	10.16(A)
7 Sulfate	10.558	10.558	0.000	1510718017	200.000	232.0(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0010.d
Date : 02-JUN-2010 15:56
Client ID:
Sample Info: IC0221
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0011.d
Report Date: 03-Jun-2010 15:17

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 02-JUN-2010 16:14
Lab File ID: 0011.d Init. Cal. Date(s): 02-JUN-2010 02-JUN-2010
Analysis Type: WATER Init. Cal. Times: 13:37 15:56
Lab Sample ID: ICV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	11551330	11439122	11439122	0.010	0.97139	10.00000	Averaged
2 Chloride	9647610	9850691	9850691	0.010	-2.10499	10.00000	Averaged
3 Nitrite	22758984	22185737	22185737	0.010	2.51877	10.00000	Averaged
4 Bromide	3293497	3171260	3171260	0.010	3.71147	10.00000	Averaged
5 Nitrate	18756625	18587060	18587060	0.010	0.90403	10.00000	Averaged
6 Phosphate	2.50000	2.62319	292000	0.010	-4.92778	10.00000	Linear
7 Sulfate	6513100	6339706	6339706	0.010	2.66223	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0011.d
Report Date: 03-Jun-2010 15:17

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0011.d
Lab Smp Id: ICV
Inj Date : 02-JUN-2010 16:14
Operator : 001754 Inst ID: ic320.i
Smp Info : ICV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

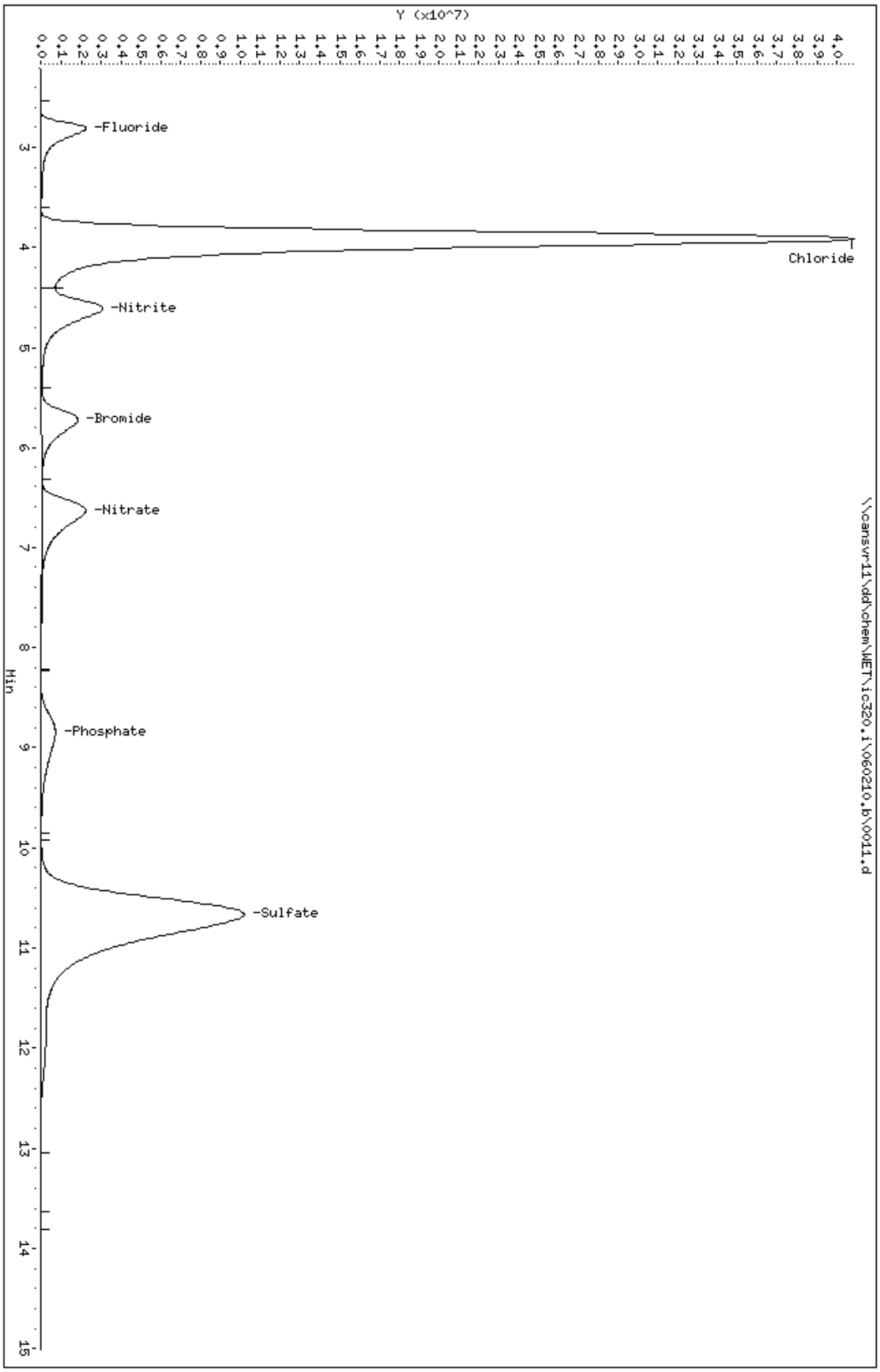
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	28597805	2.50000	2.476(M)
2 Chloride	3.916	3.916	0.000	492534553	50.0000	51.05
3 Nitrite	4.608	4.608	0.000	55464342	2.50000	2.437
4 Bromide	5.716	5.716	0.000	31712597	10.0000	9.629
5 Nitrate	6.633	6.633	0.000	46467650	2.50000	2.477
6 Phosphate	8.850	8.850	0.000	729999	2.50000	2.623
7 Sulfate	10.666	10.666	0.000	316985315	50.0000	48.67(M)

QC Flag Legend

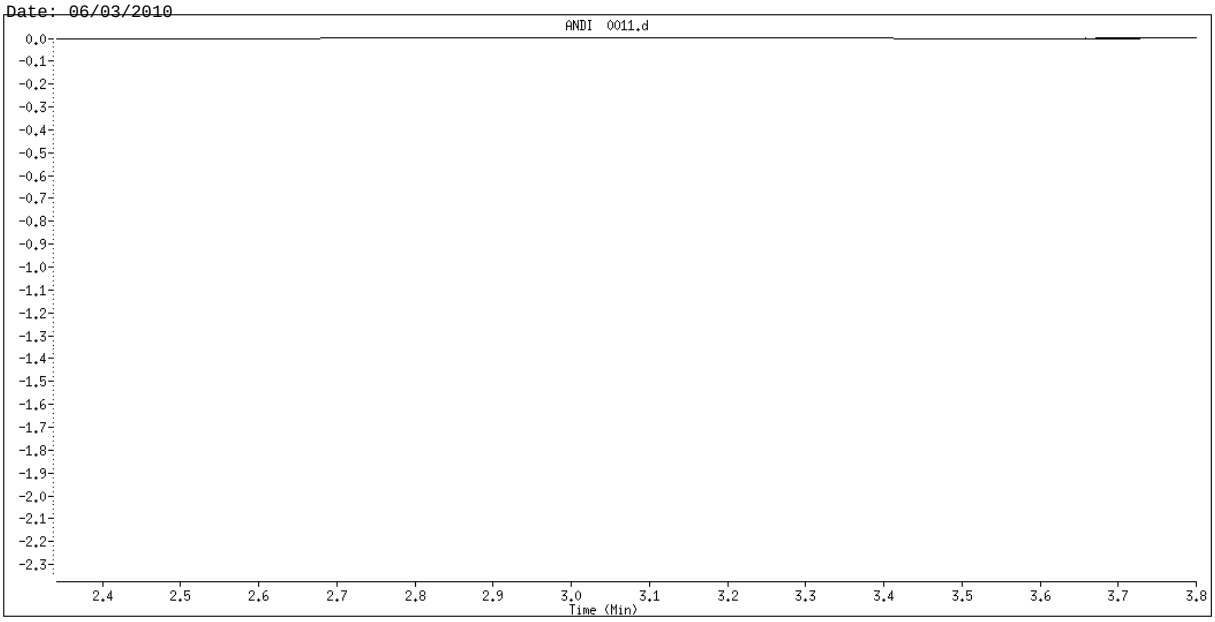
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0011.d
Date : 02-JUN-2010 16:14
Client ID:
Sample Info: ICV,,2
Purge Volume: 1.0
Column Phase: AS14

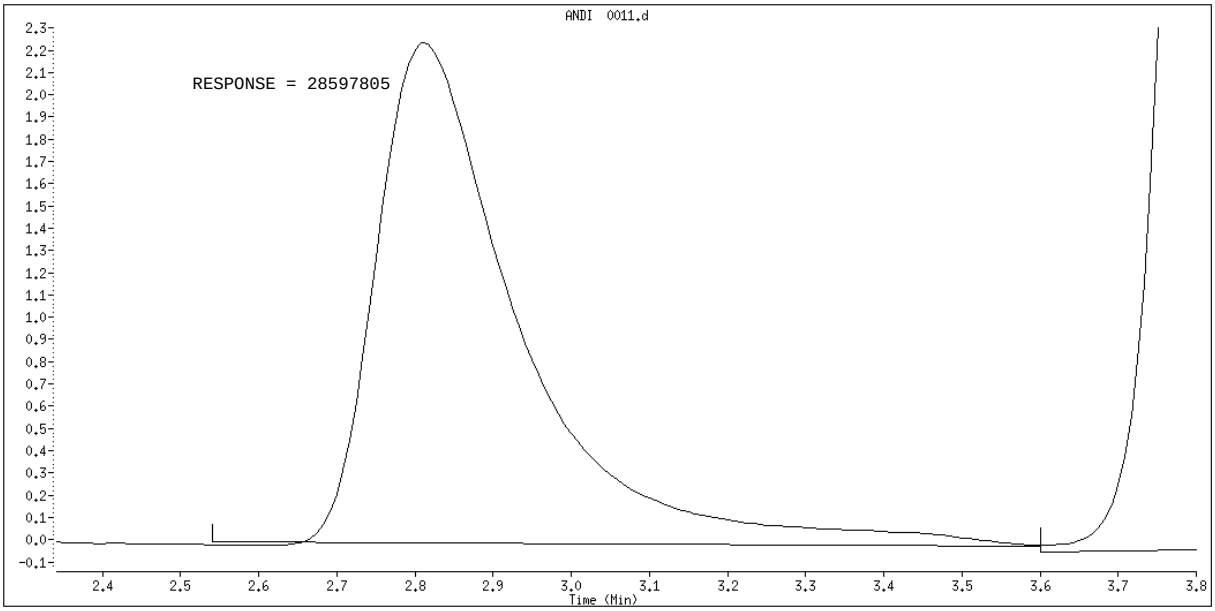
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0011.d
Inj. Date and Time: 02-JUN-2010 16:14
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



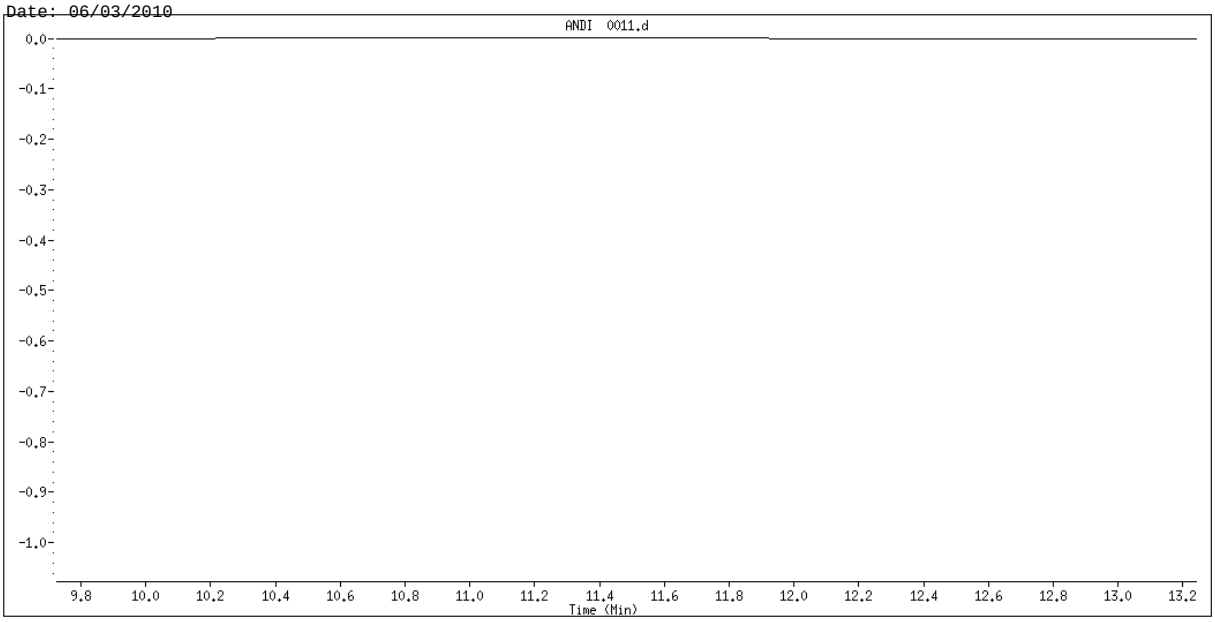
Original Integration



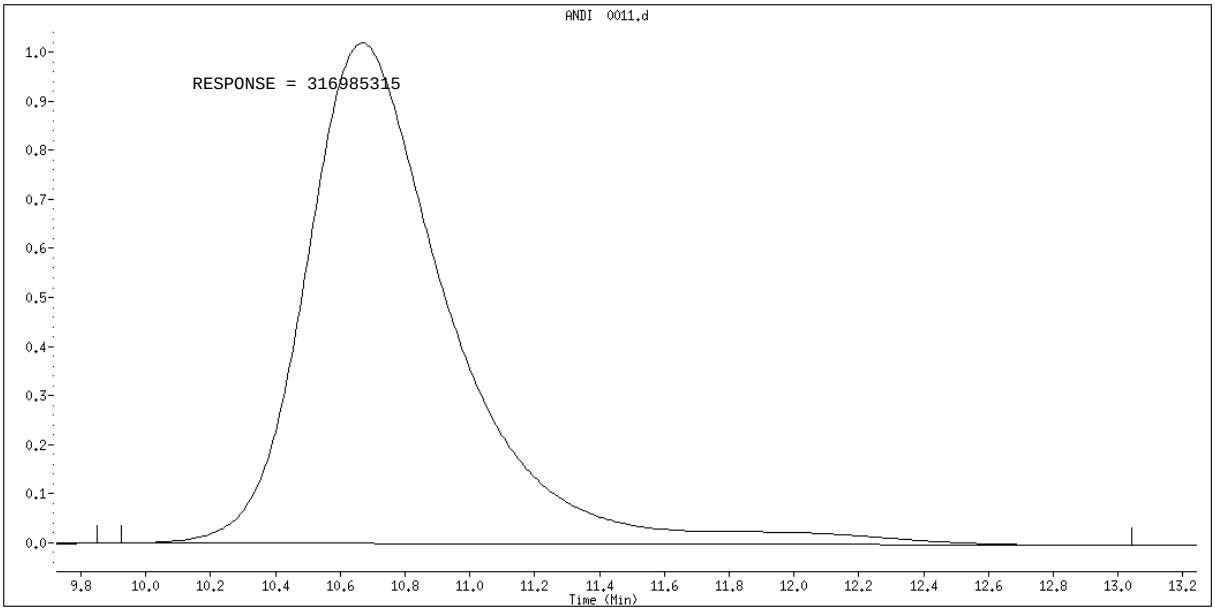
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0011.d
Inj. Date and Time: 02-JUN-2010 16:14
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0012.d
Report Date: 02-Jun-2010 17:11

TestAmerica North Canton

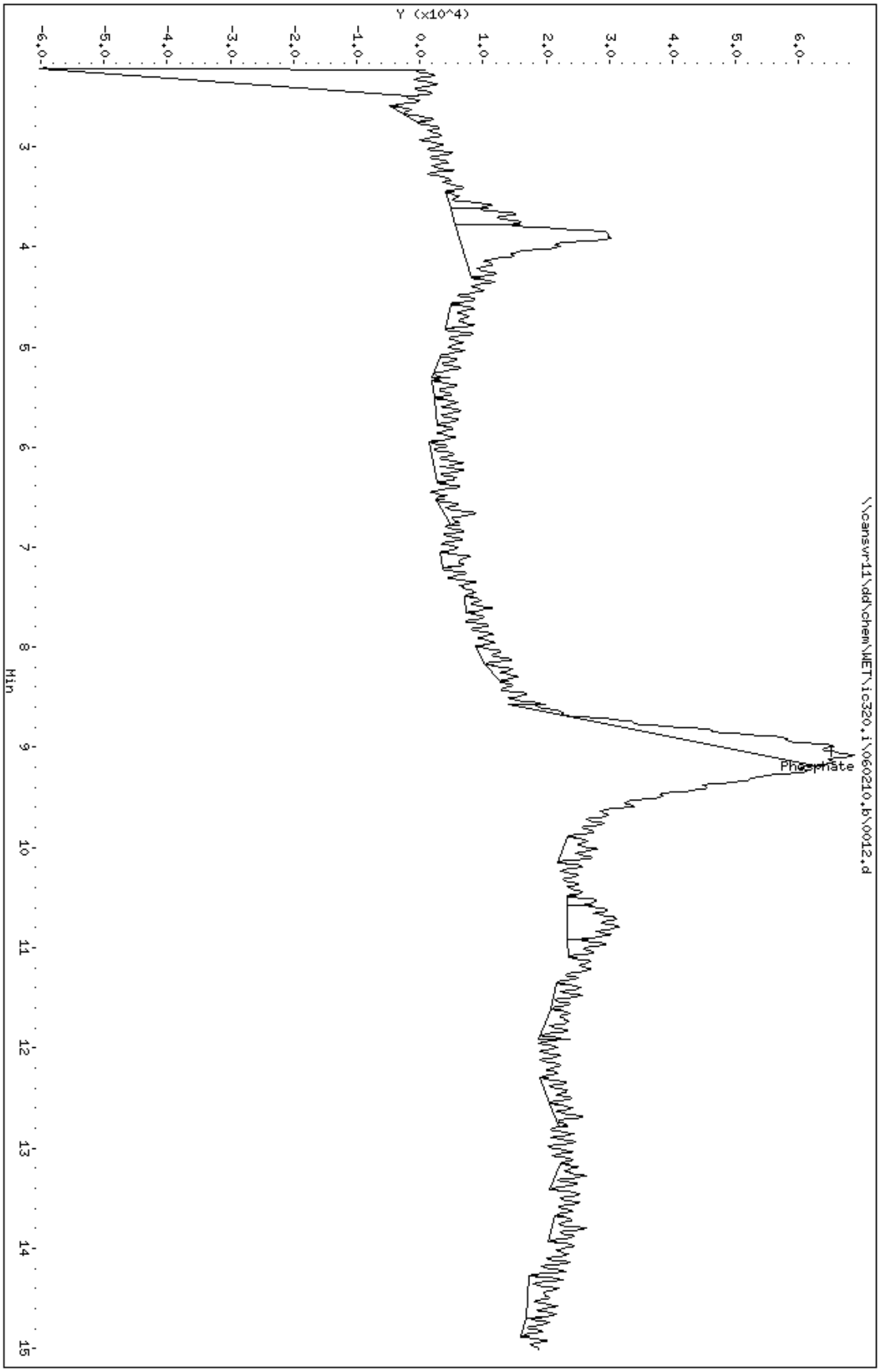
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0012.d
Lab Smp Id: ICB
Inj Date : 02-JUN-2010 16:31
Operator : 001754 Inst ID: ic320.i
Smp Info : ICB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:11 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.991	8.850	0.141	18216	0.14626	0.1462
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0012.d
Date : 02-JUN-2010 16:31
Client ID:
Sample Info: ICB
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0012.d
Phosphate
Y (x10^4)
Min

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0013.d
Report Date: 02-Jun-2010 17:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0013.d
Lab Smp Id: LCS
Inj Date : 02-JUN-2010 16:49
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:11 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

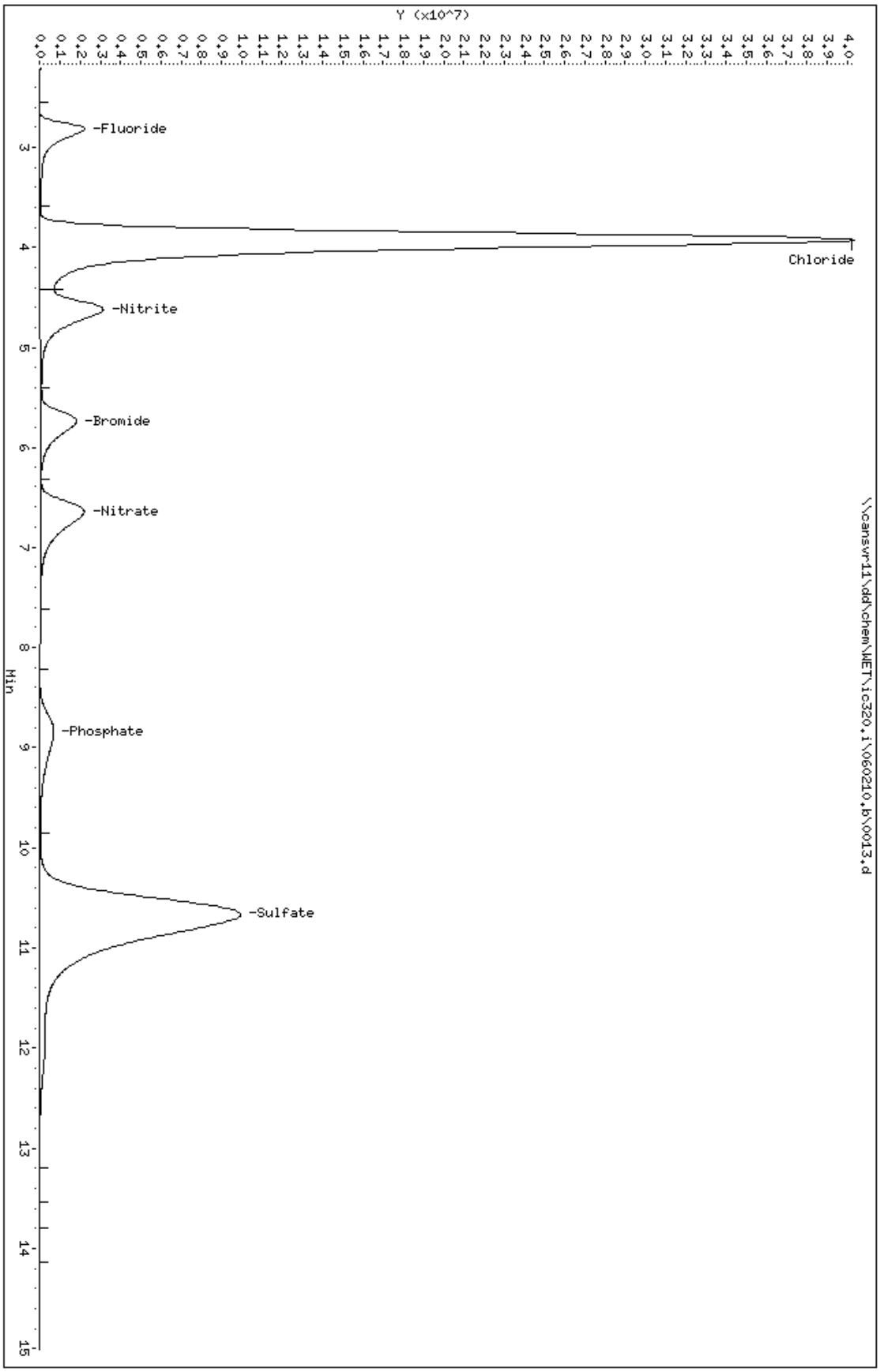
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.808	0.008	28407377	2.45923	2.459
2 Chloride	3.925	3.916	0.009	479148243	49.6650	49.66
3 Nitrite	4.616	4.608	0.008	54968677	2.41525	2.415
4 Bromide	5.733	5.716	0.017	32088122	9.74287	9.743
5 Nitrate	6.650	6.633	0.017	44422700	2.36837	2.368
6 Phosphate	8.850	8.850	0.000	691302	2.48853	2.488
7 Sulfate	10.666	10.666	0.000	313097583	48.0720	48.07

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0013.d
Date : 02-JUN-2010 16:49
Client ID:
Sample Info: LCS,3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\060210.b\0014.d
Report Date: 02-Jun-2010 17:34

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\060210.b\0014.d
Lab Smp Id: LCS DUP
Inj Date : 02-JUN-2010 17:06
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS DUP,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:11 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

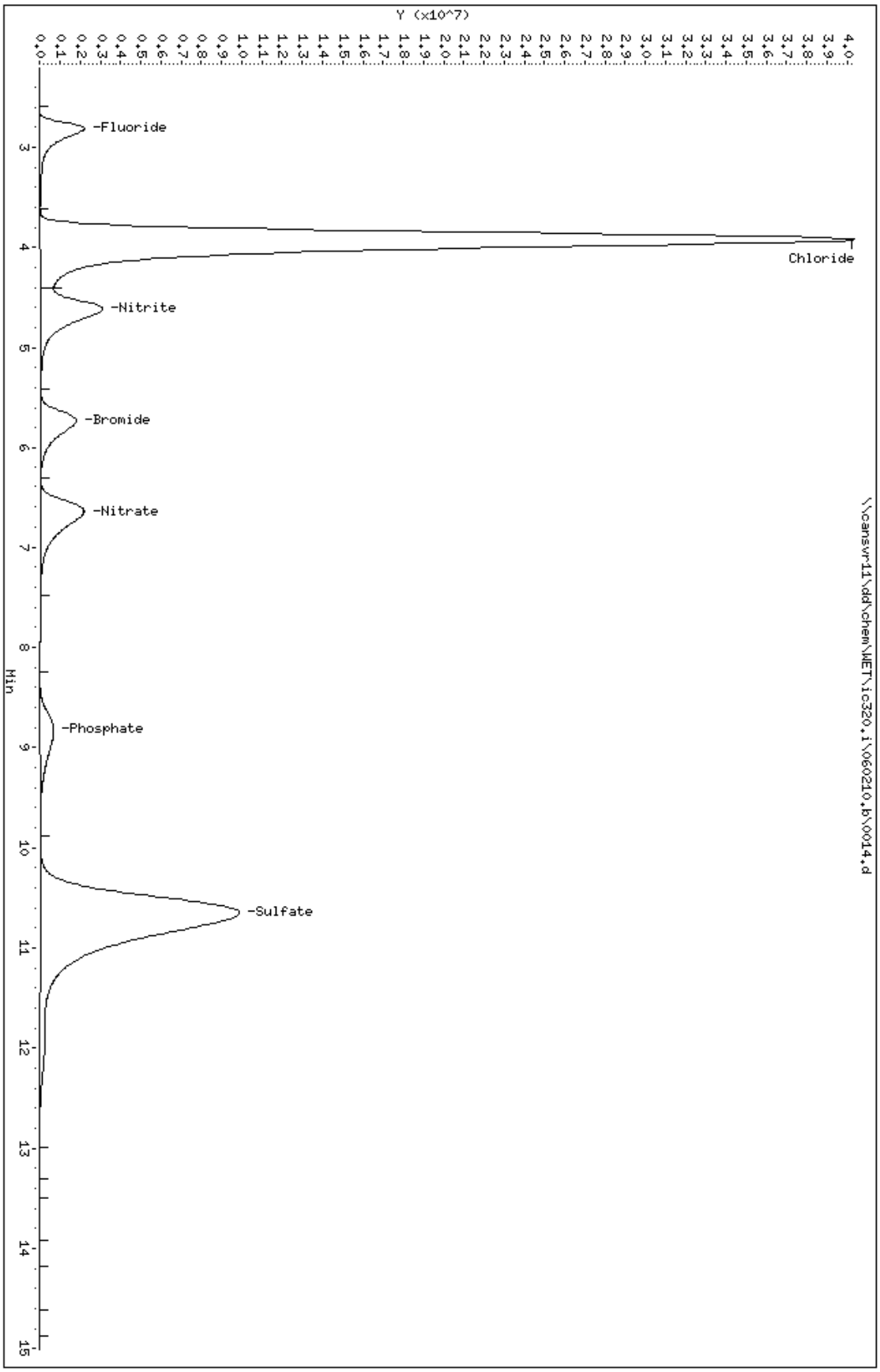
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.808	2.808	0.000	27951193	2.41974	2.420
2 Chloride	3.916	3.916	0.000	478238987	49.5707	49.57
3 Nitrite	4.608	4.608	0.000	53963051	2.37107	2.371
4 Bromide	5.725	5.716	0.009	31195931	9.47198	9.472
5 Nitrate	6.650	6.633	0.017	44017539	2.34677	2.347
6 Phosphate	8.825	8.850	-0.025	692737	2.49353	2.494
7 Sulfate	10.650	10.666	-0.016	309296126	47.4883	47.49

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0014.d
Date : 02-JUN-2010 17:06
Client ID:
Sample Info: LCS DUP,.3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0015.d
Report Date: 03-Jun-2010 15:16

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0015.d
Lab Smp Id: LCS
Inj Date : 02-JUN-2010 17:23
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

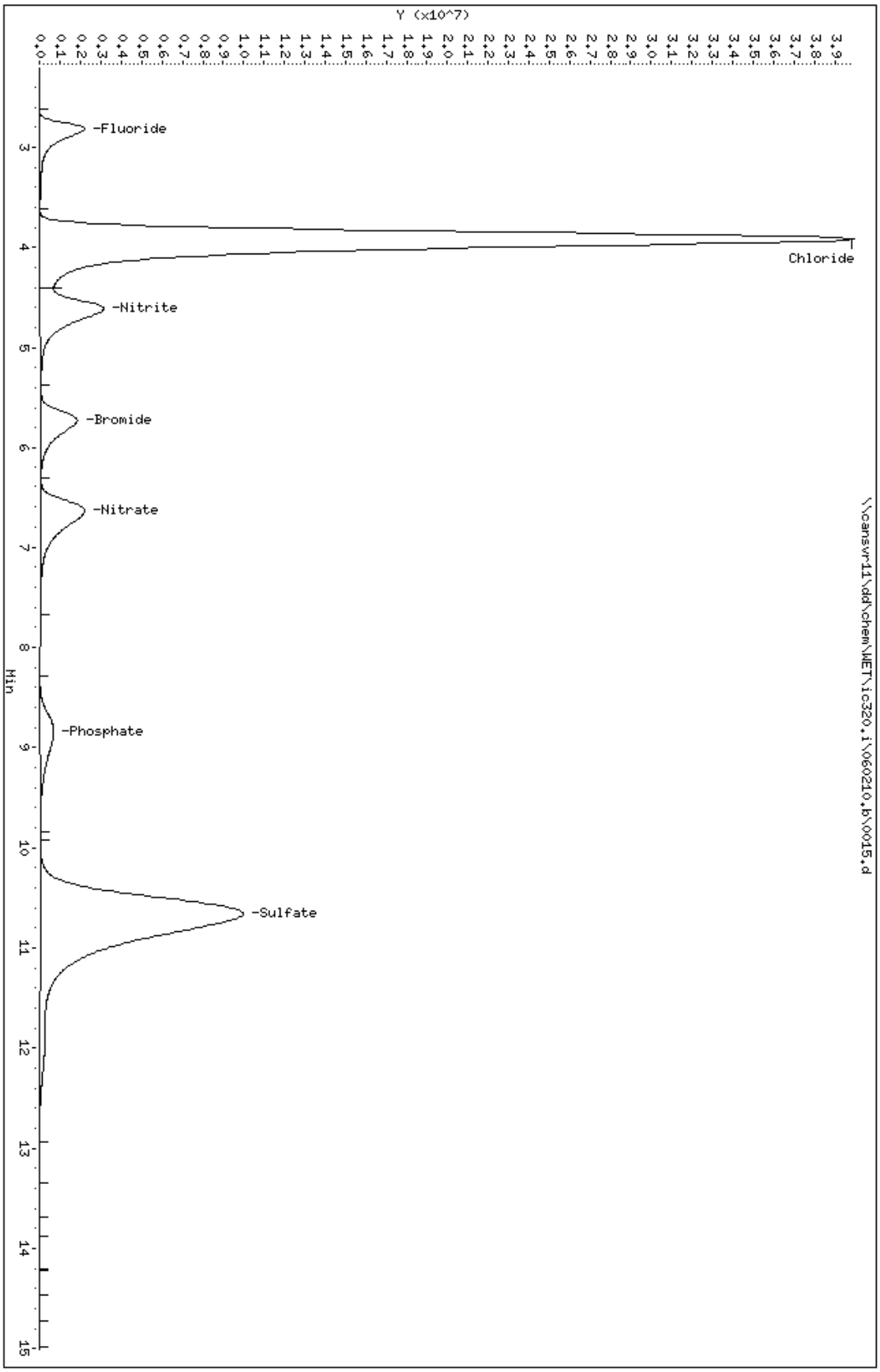
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.816	0.000	28387554	2.45751	2.458
2 Chloride	3.916	3.941	-0.025	480449450	49.7998	49.80
3 Nitrite	4.608	4.633	-0.025	54917528	2.41300	2.413
4 Bromide	5.725	5.750	-0.025	31995348	9.71470	9.715
5 Nitrate	6.641	6.675	-0.034	44691448	2.38270	2.383
6 Phosphate	8.841	8.800	0.041	675522	2.43362	2.434
7 Sulfate	10.658	10.658	0.000	306607049	47.0754	47.08(M)

QC Flag Legend

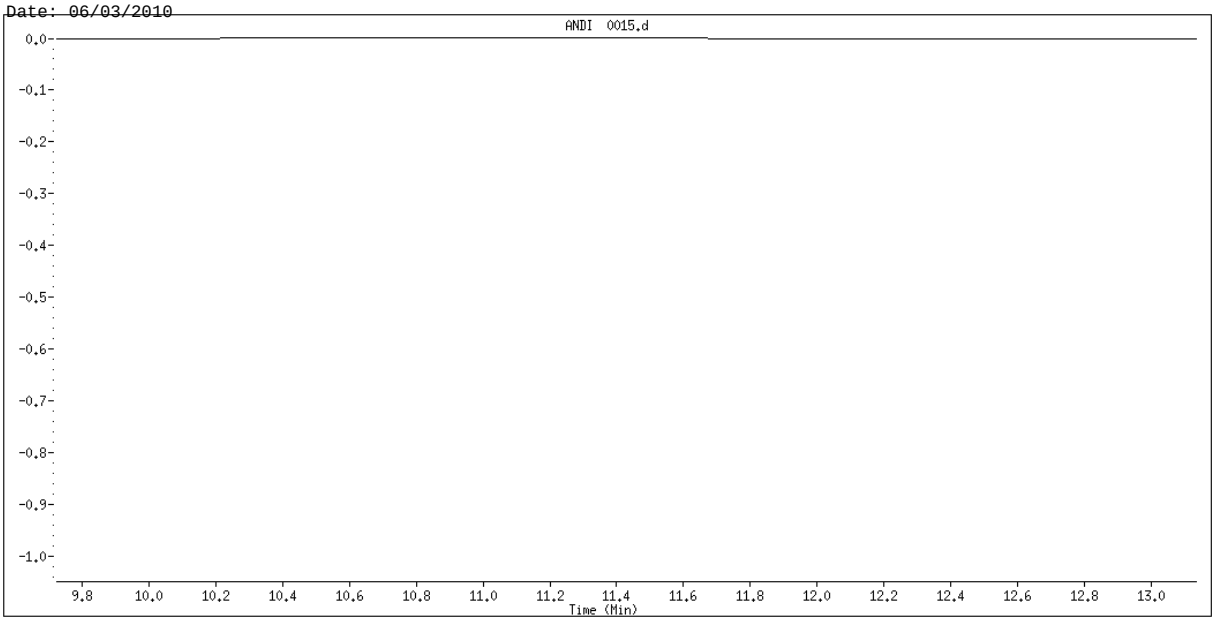
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0015.d
Date : 02-JUN-2010 17:23
Client ID:
Sample Info: LCS,3
Purge Volume: 1.0
Column phase: AS14

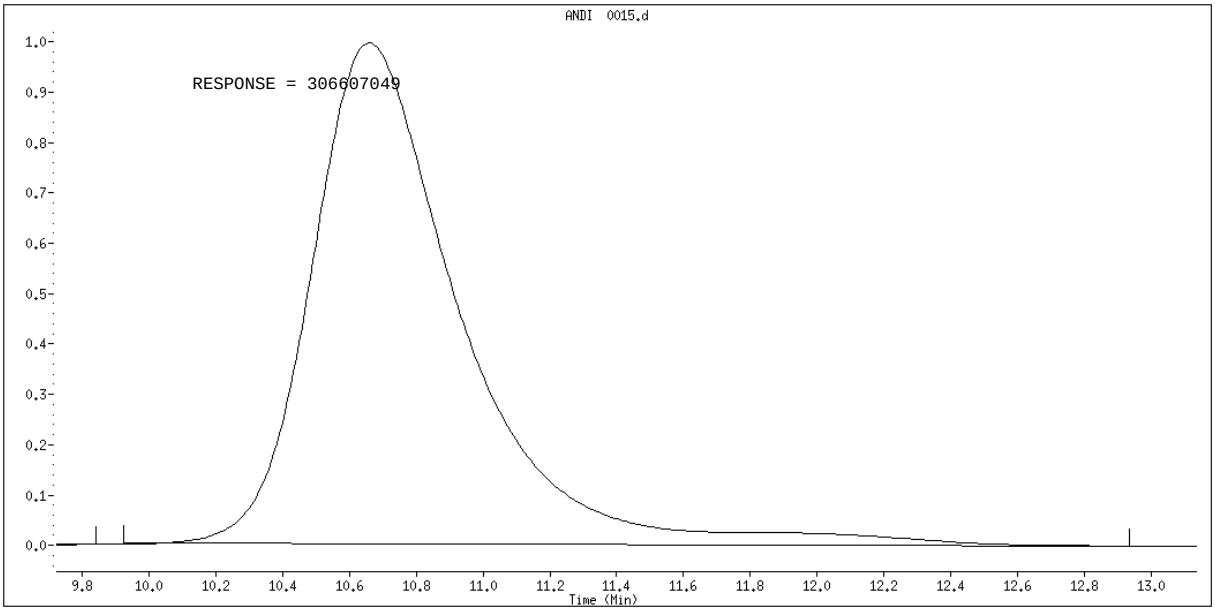
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0015.d
Inj. Date and Time: 02-JUN-2010 17:23
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0016.d
Report Date: 03-Jun-2010 15:16

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0016.d
Lab Smp Id: LCS DUP
Inj Date : 02-JUN-2010 17:41
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS DUP,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

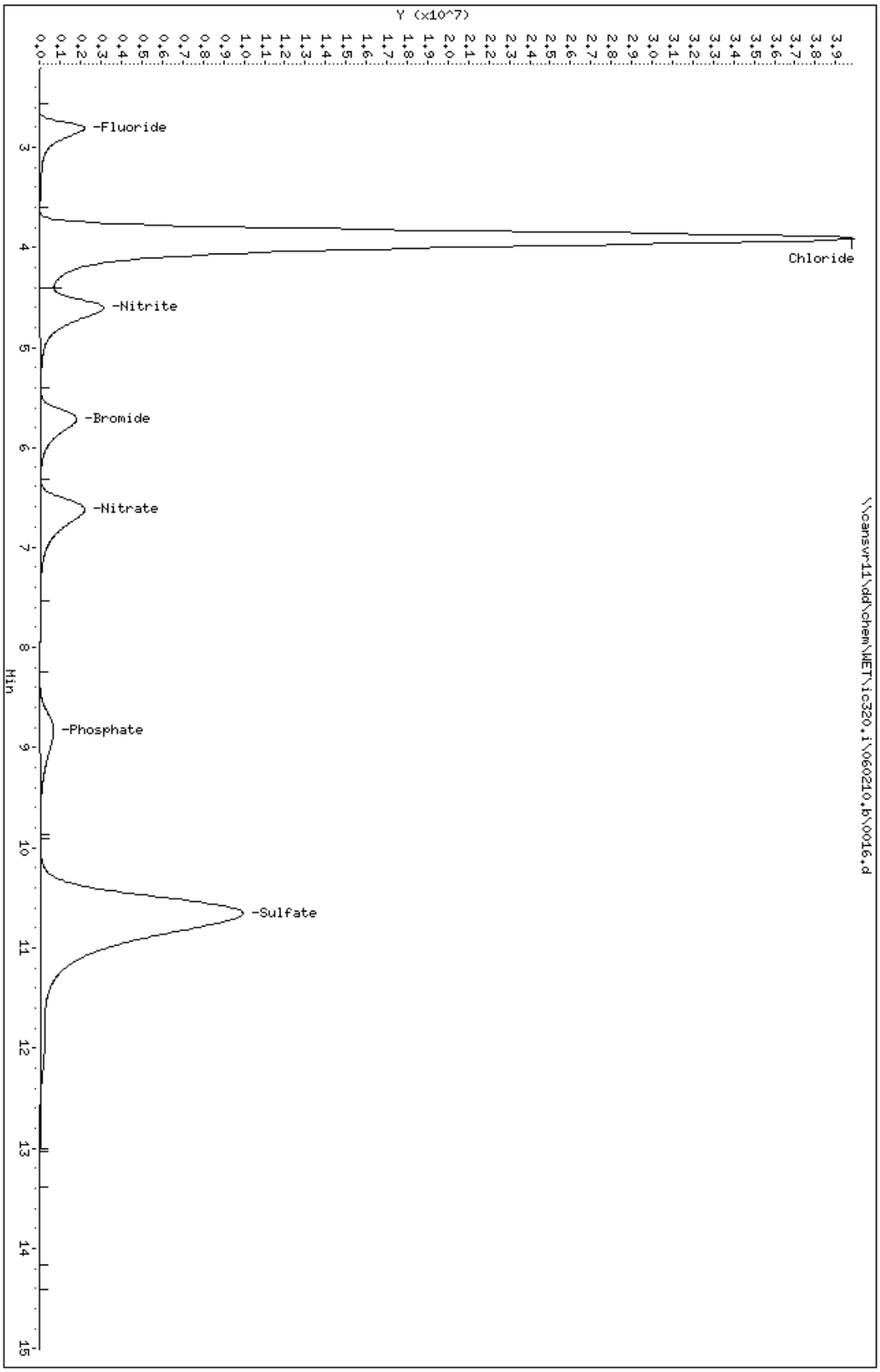
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.808	2.816	-0.008	28384540	2.45725	2.457
2 Chloride	3.908	3.941	-0.033	479888029	49.7417	49.74
3 Nitrite	4.600	4.633	-0.033	55154699	2.42343	2.423
4 Bromide	5.708	5.750	-0.042	31704106	9.62628	9.626
5 Nitrate	6.625	6.675	-0.050	44353934	2.36471	2.365
6 Phosphate	8.833	8.800	0.033	675615	2.43394	2.434
7 Sulfate	10.658	10.658	0.000	304859848	46.8072	46.81(M)

QC Flag Legend

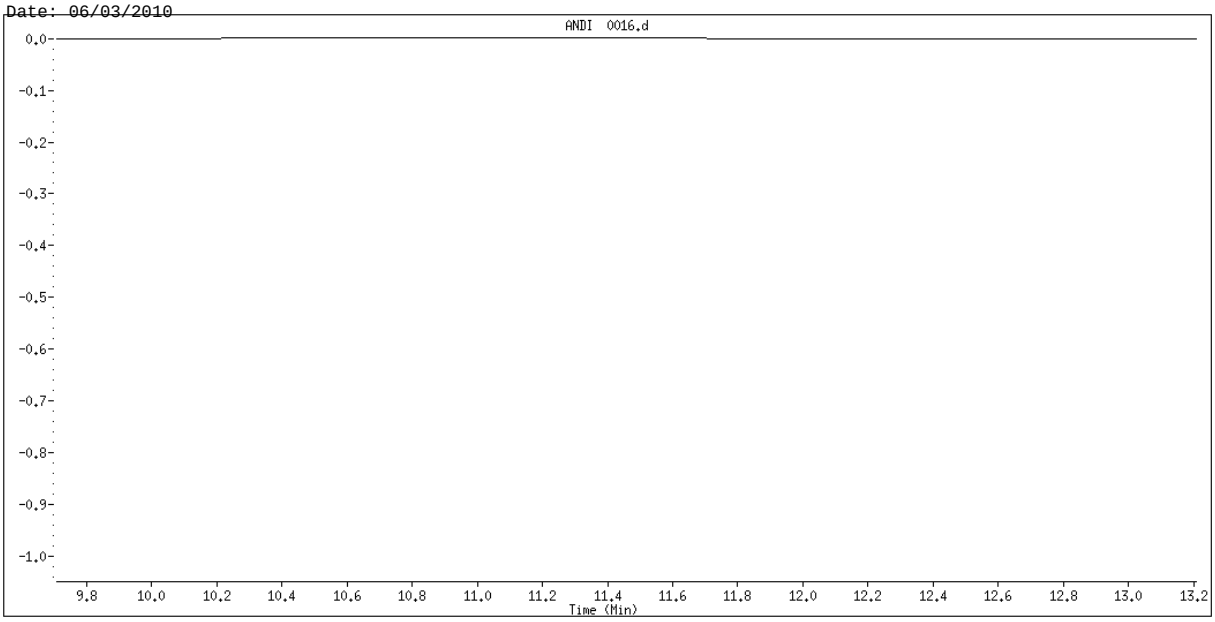
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0016.d
Date : 02-JUN-2010 17:41
Client ID:
Sample Info: LCS DUP,.3
Purge Volume: 1.0
Column Phase: AS14

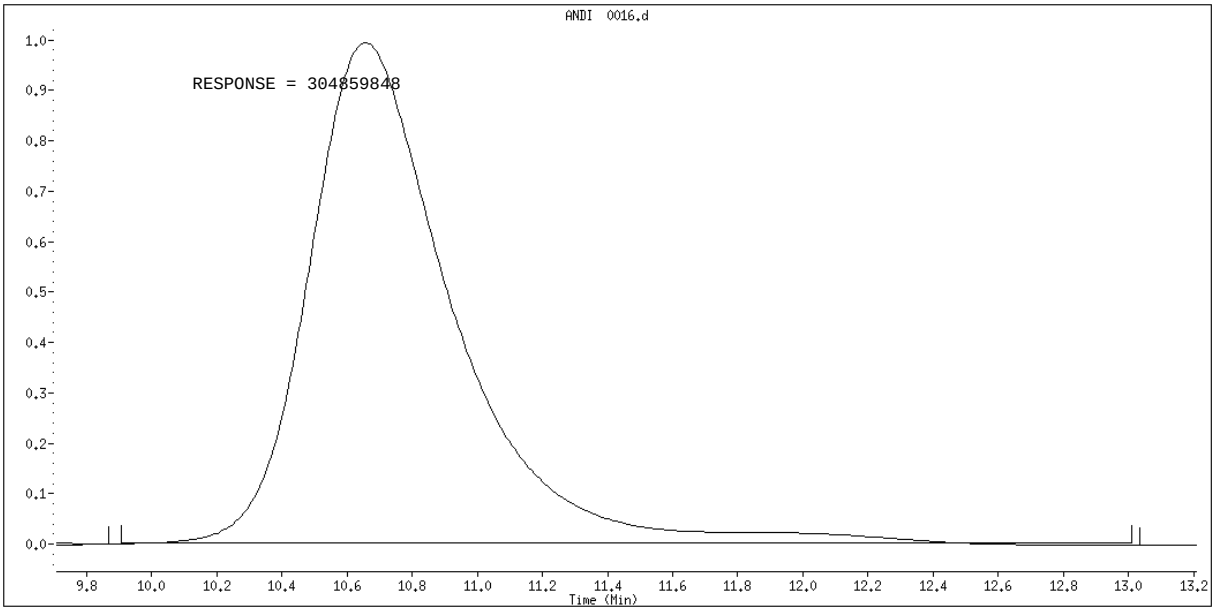
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0016.d
Inj. Date and Time: 02-JUN-2010 17:41
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0017.d
Report Date: 03-Jun-2010 12:28

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0017.d
Lab Smp Id: L179V ORG
Inj Date : 02-JUN-2010 17:58
Operator : 001754 Inst ID: ic320.i
Smp Info : L179V ORG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:24 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

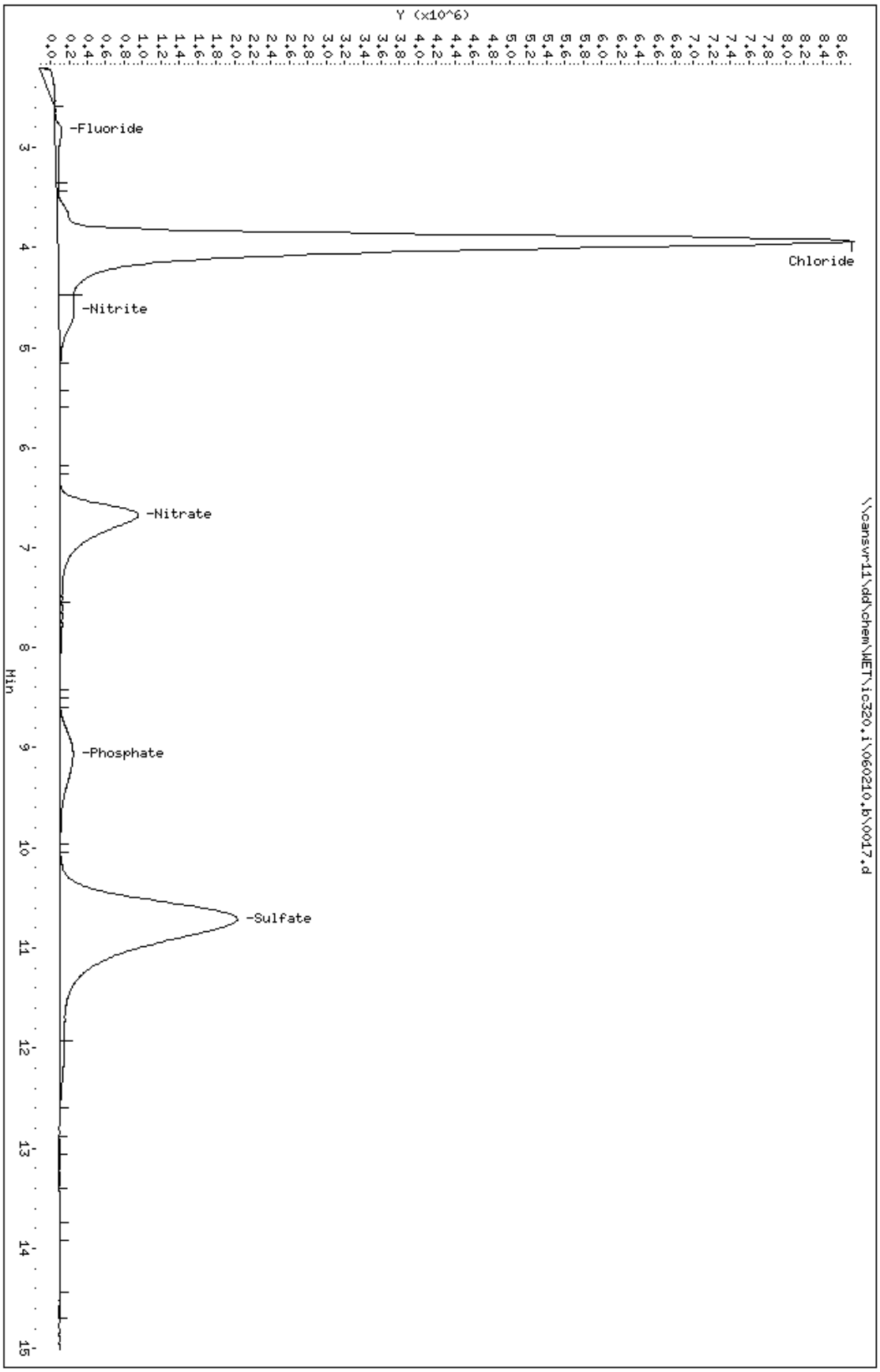
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.825	2.891	-0.066	1480328	0.12815	0.1282(M)
2 Chloride	3.933	3.916	0.017	102437773	10.6179	10.62(M)
3 Nitrite	4.616	4.683	-0.067	3701581	0.16264	0.1626(M)
4 Bromide	Compound Not Detected.					
5 Nitrate	6.683	6.583	0.100	18495423	0.98607	0.9861
6 Phosphate	9.066	9.008	0.058	146102	0.59129	0.5913
7 Sulfate	10.708	10.691	0.017	60825742	9.33899	9.339

QC Flag Legend

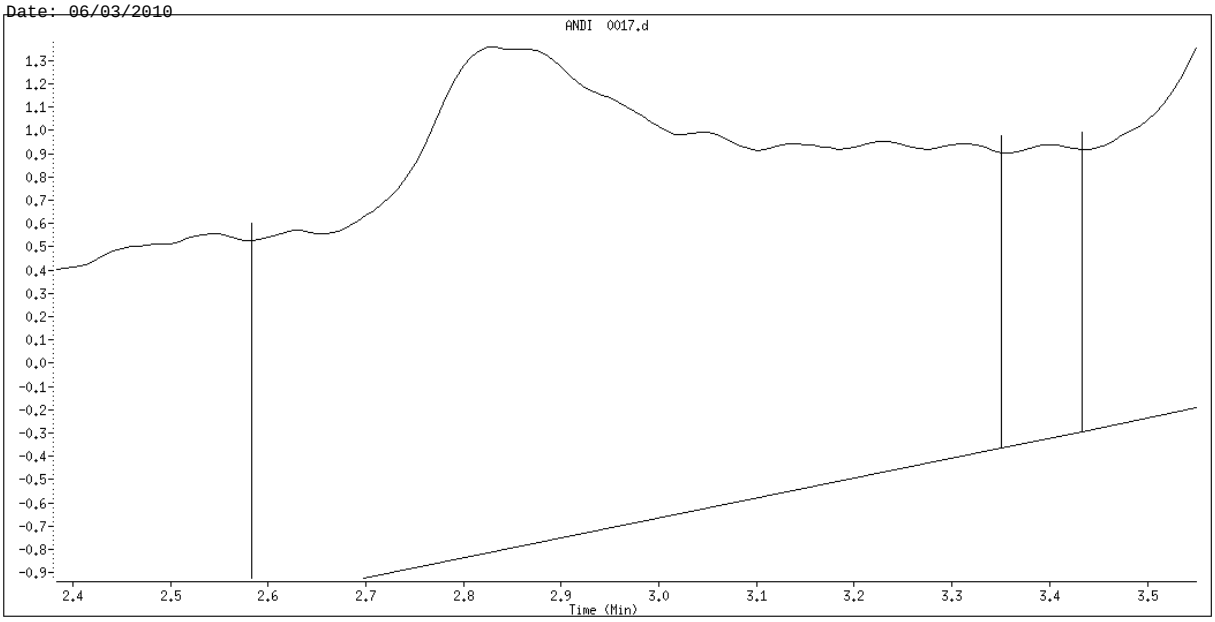
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0017.d
Date : 02-JUN-2010 17:58
Client ID:
Sample Info: L179V ORG
Purge Volume: 1.0
Column phase: AS14

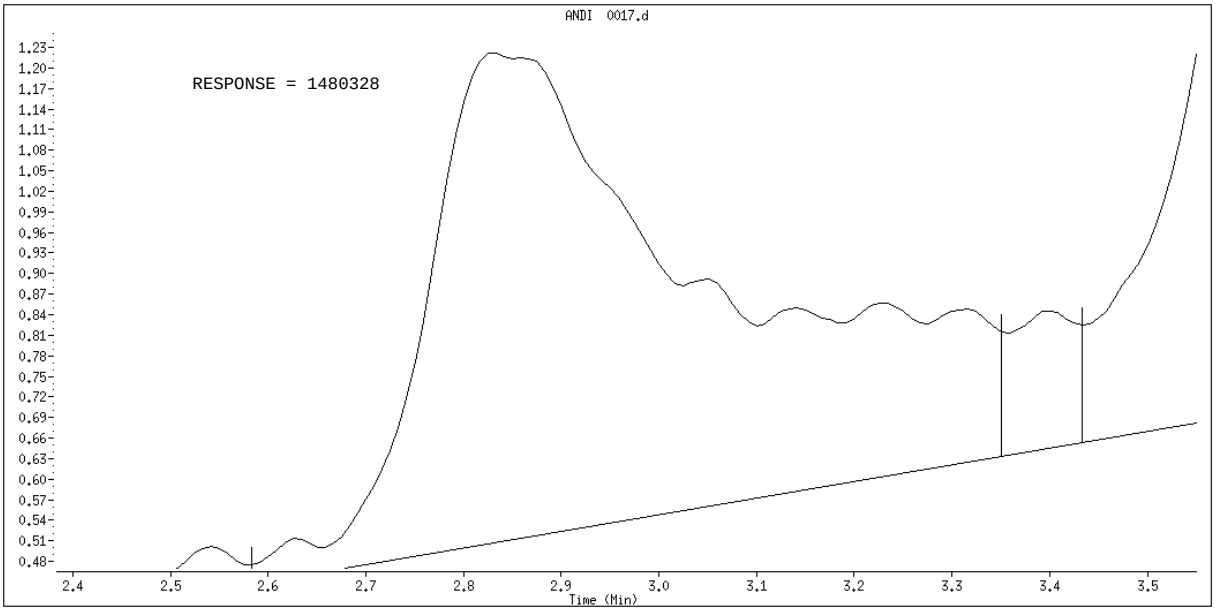
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0017.d
Inj. Date and Time: 02-JUN-2010 17:58
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



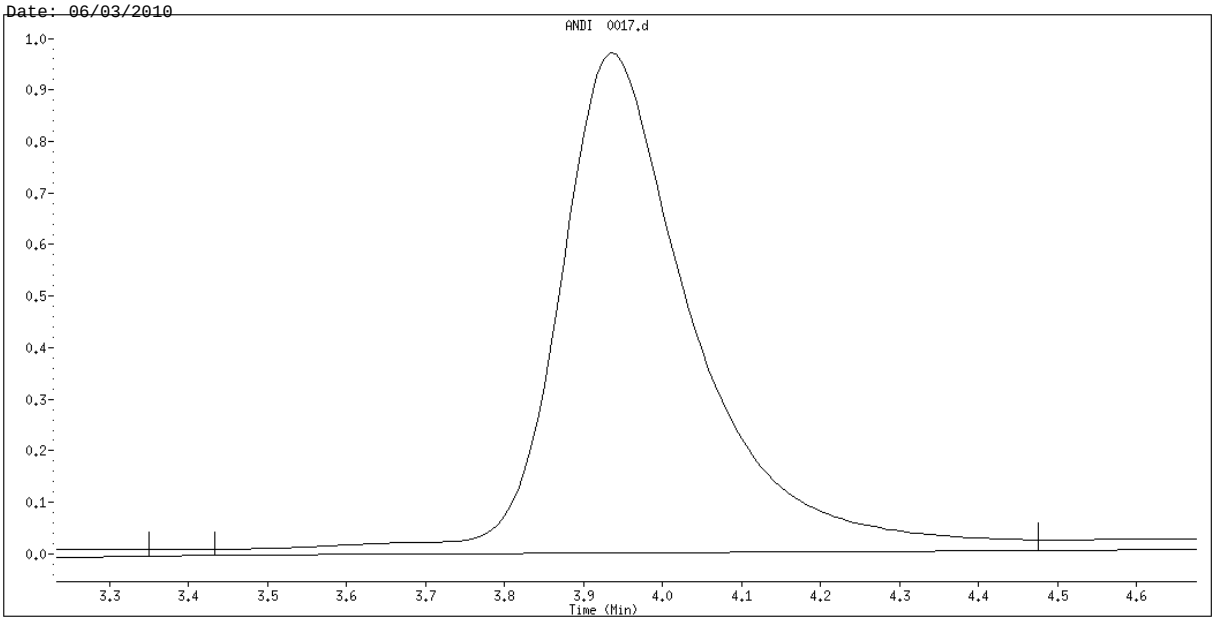
Original Integration



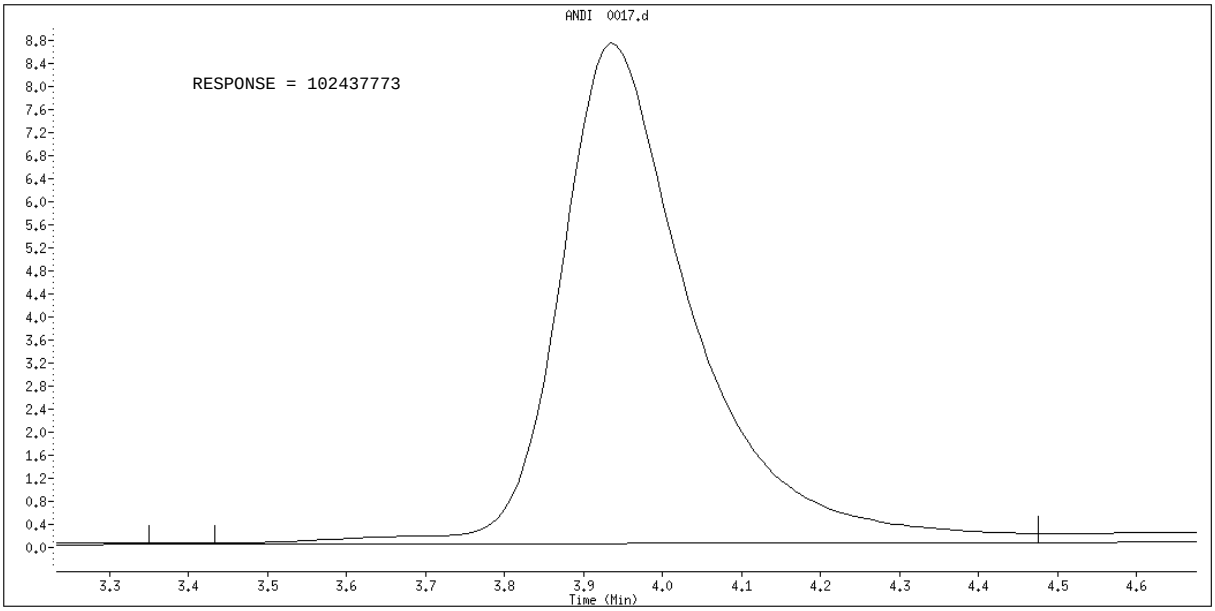
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0017.d
Inj. Date and Time: 02-JUN-2010 17:58
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



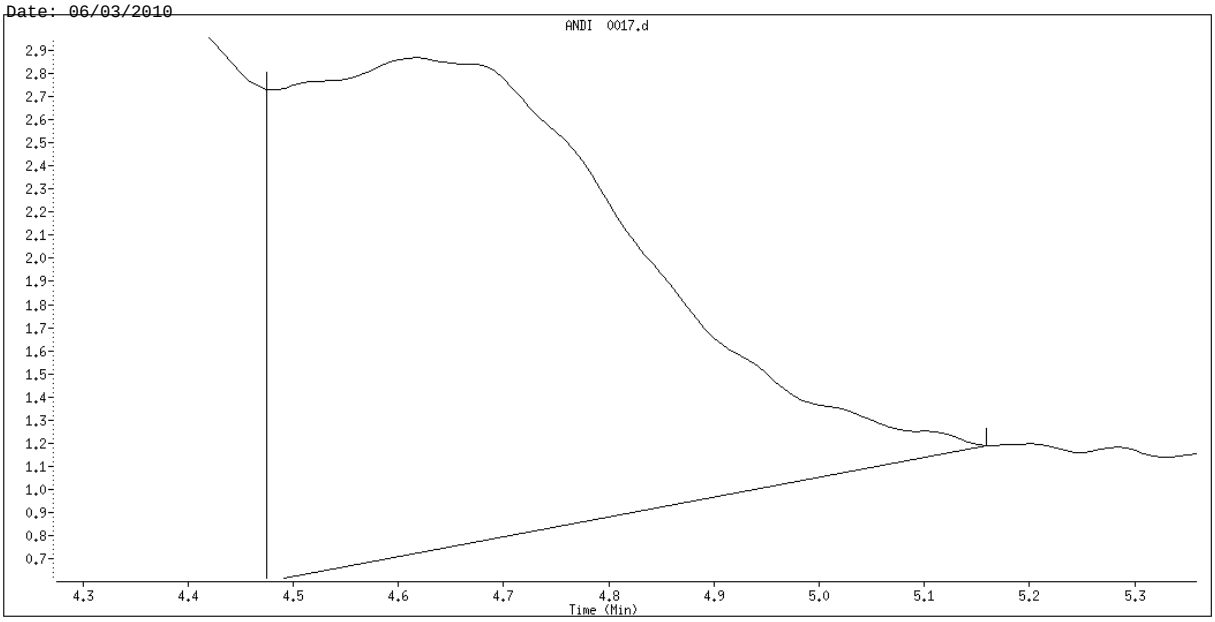
Original Integration



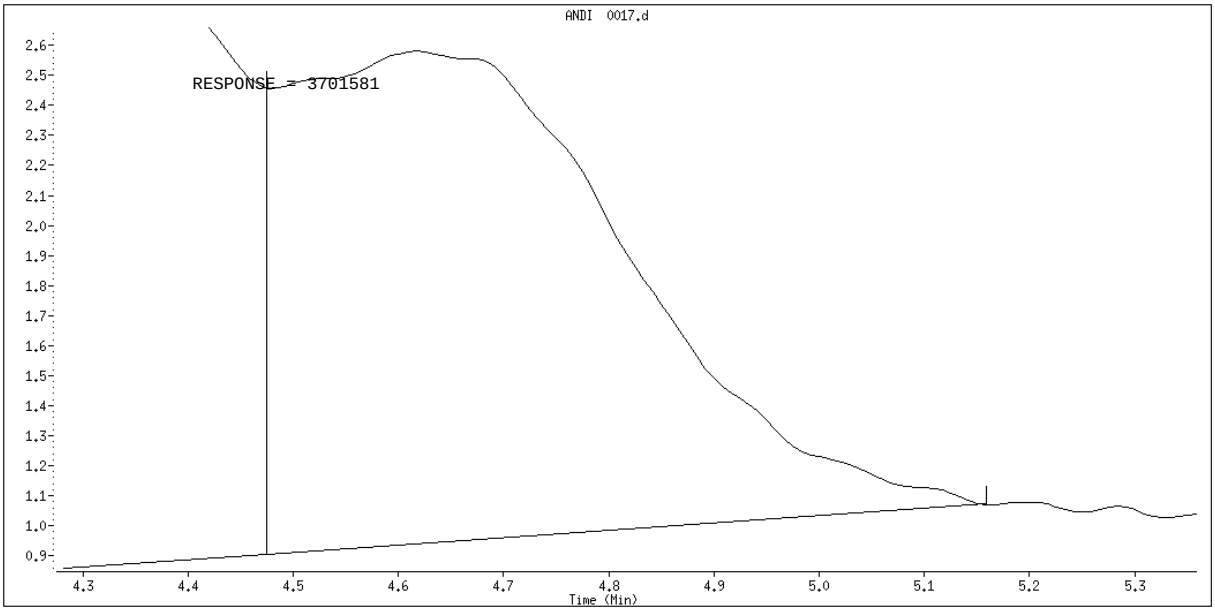
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0017.d
Inj. Date and Time: 02-JUN-2010 17:58
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0018.d
Report Date: 03-Jun-2010 15:18

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0018.d
Lab Smp Id: L179V MS
Inj Date : 02-JUN-2010 18:16
Operator : 001754 Inst ID: ic320.i
Smp Info : L179V MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

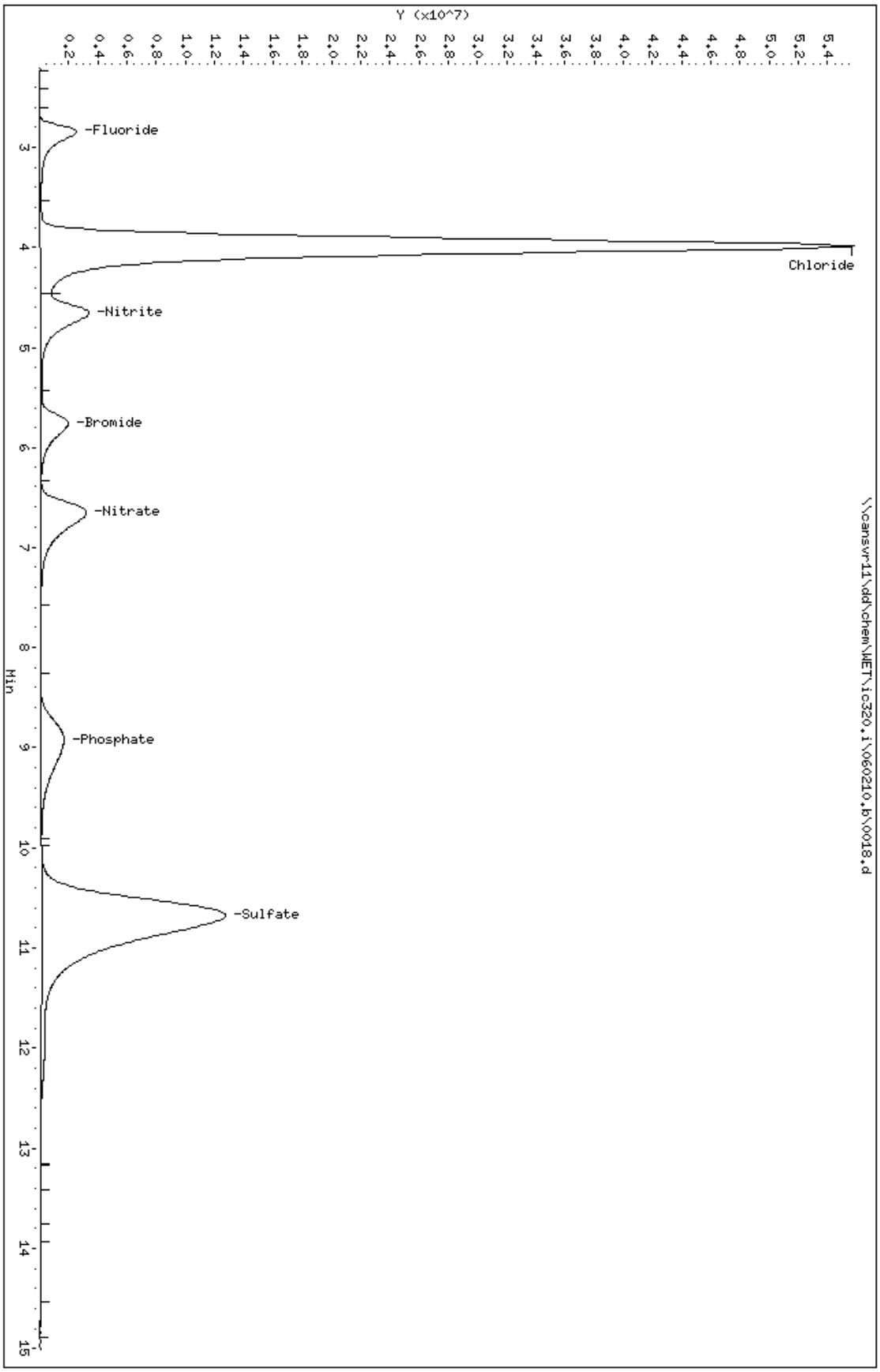
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.841	2.808	0.033	34230919	2.96337	2.963(R)
2 Chloride	3.983	3.916	0.067	631295170	65.4354	65.44(R)
3 Nitrite	4.650	4.608	0.042	58462340	2.56876	2.569
4 Bromide	5.758	5.716	0.042	33411763	10.1448	10.14
5 Nitrate	6.658	6.633	0.025	63769833	3.39986	3.400(R)
6 Phosphate	8.925	8.850	0.075	1582366	5.58935	5.589(R)
7 Sulfate	10.675	10.666	0.009	384005581	58.9590	58.96(RM)

QC Flag Legend

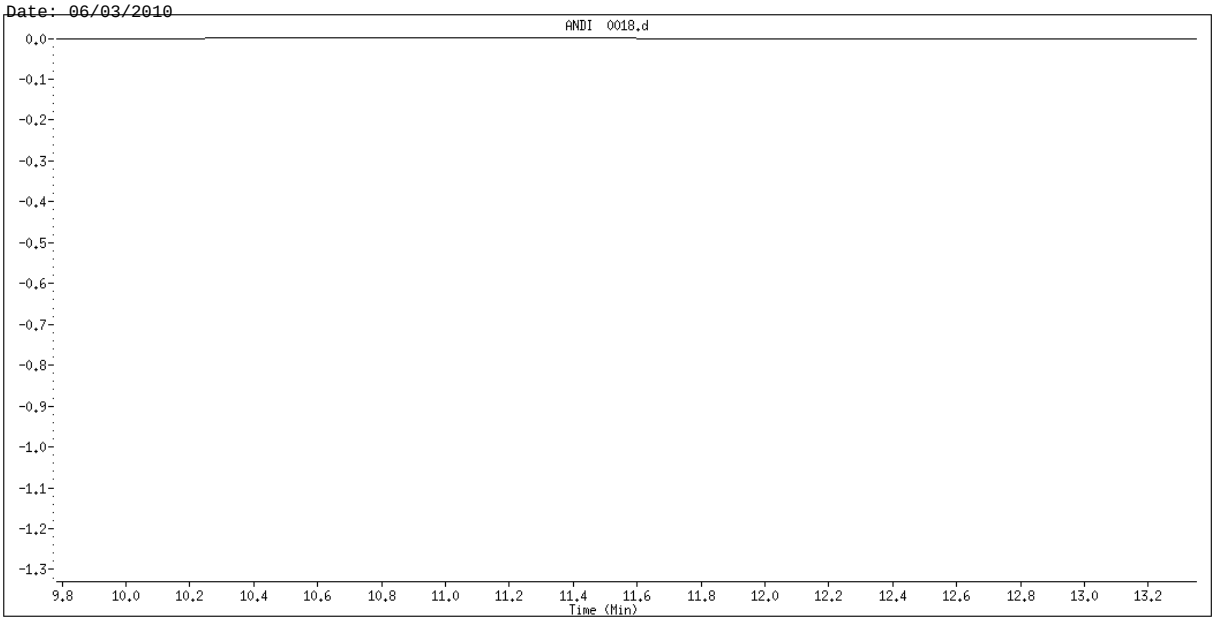
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0018.d
Date : 02-JUN-2010 18:16
Client ID:
Sample Info: L179V MS,,3
Purge Volume: 1.0
Column Phase: AS14

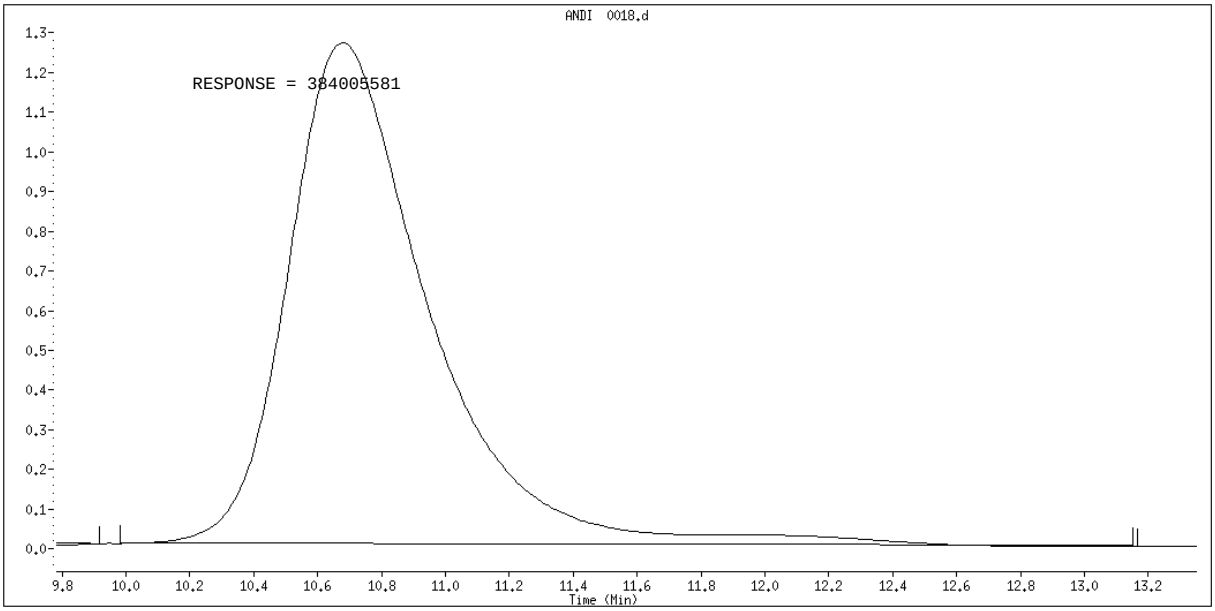
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0018.d
Inj. Date and Time: 02-JUN-2010 18:16
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0019.d
Report Date: 03-Jun-2010 15:18

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0019.d
Lab Smp Id: L179VMSD
Inj Date : 02-JUN-2010 18:33
Operator : 001754 Inst ID: ic320.i
Smp Info : L179VMSD,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

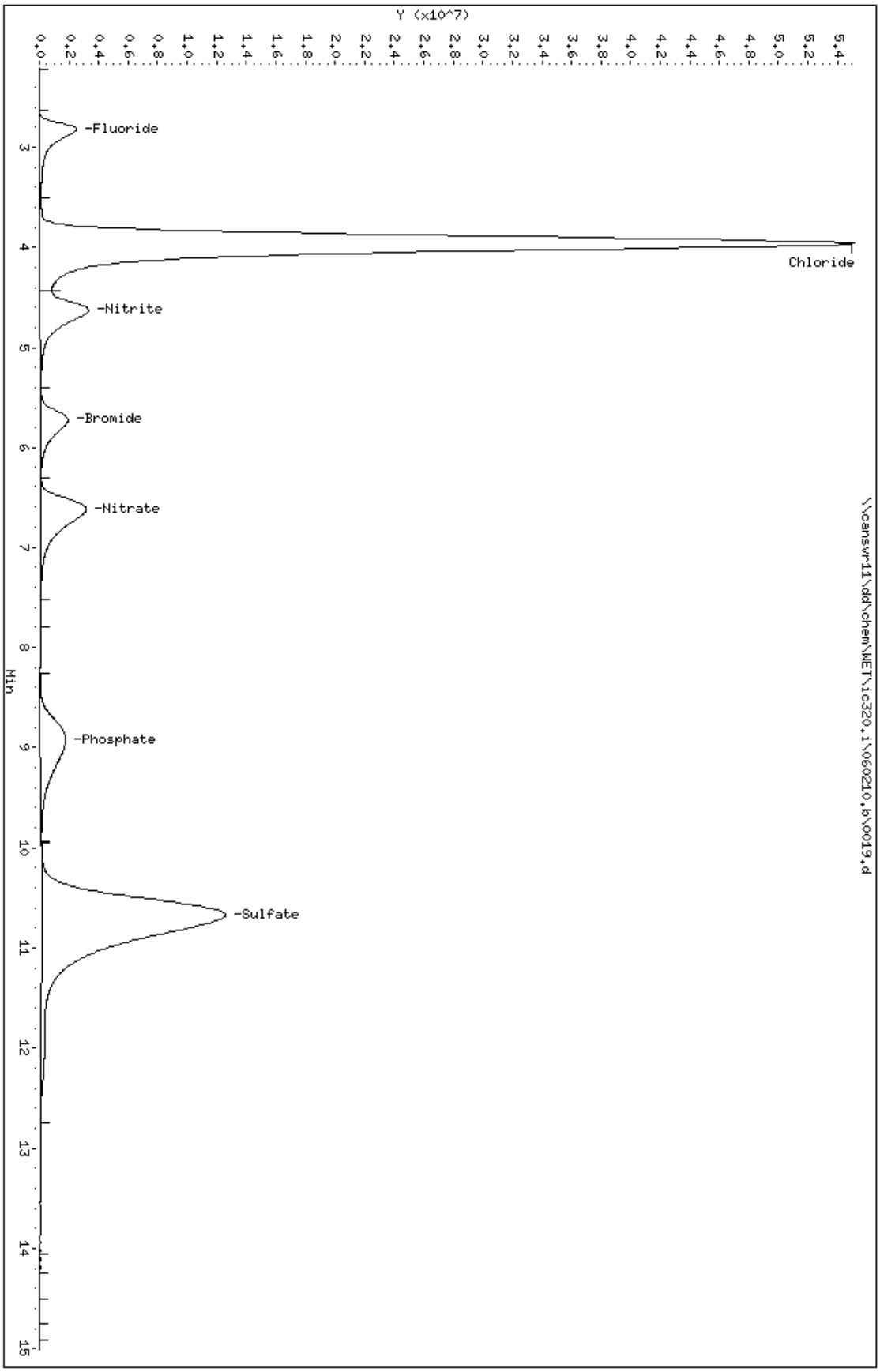
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.816	2.808	0.008	34105778	2.95254	2.952(R)
2 Chloride	3.958	3.916	0.042	622932459	64.5686	64.57(R)
3 Nitrite	4.625	4.608	0.017	57772154	2.53843	2.538
4 Bromide	5.716	5.716	0.000	32976913	10.0127	10.01
5 Nitrate	6.625	6.633	-0.008	64045936	3.41458	3.414(R)
6 Phosphate	8.925	8.850	0.075	1687915	5.95665	5.957(R)
7 Sulfate	10.675	10.666	0.009	380648911	58.4436	58.44(RM)

QC Flag Legend

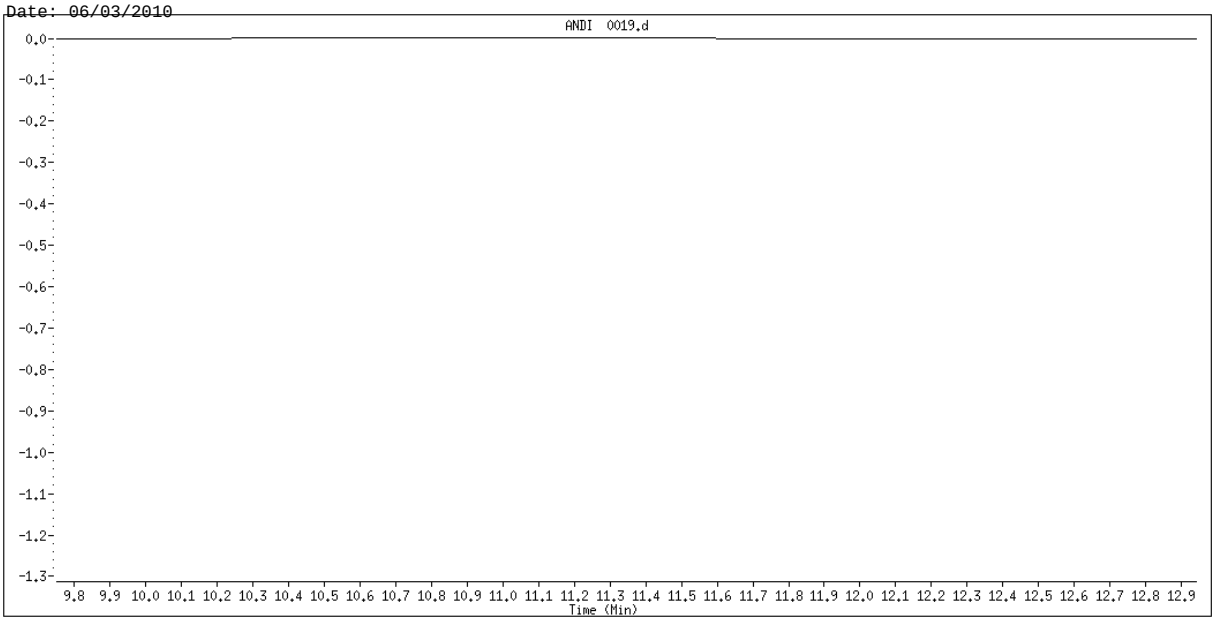
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0019.d
Date : 02-JUN-2010 18:33
Client ID:
Sample Info: L179WHSD,,3
Purge Volume: 1.0
Column Phase: AS14

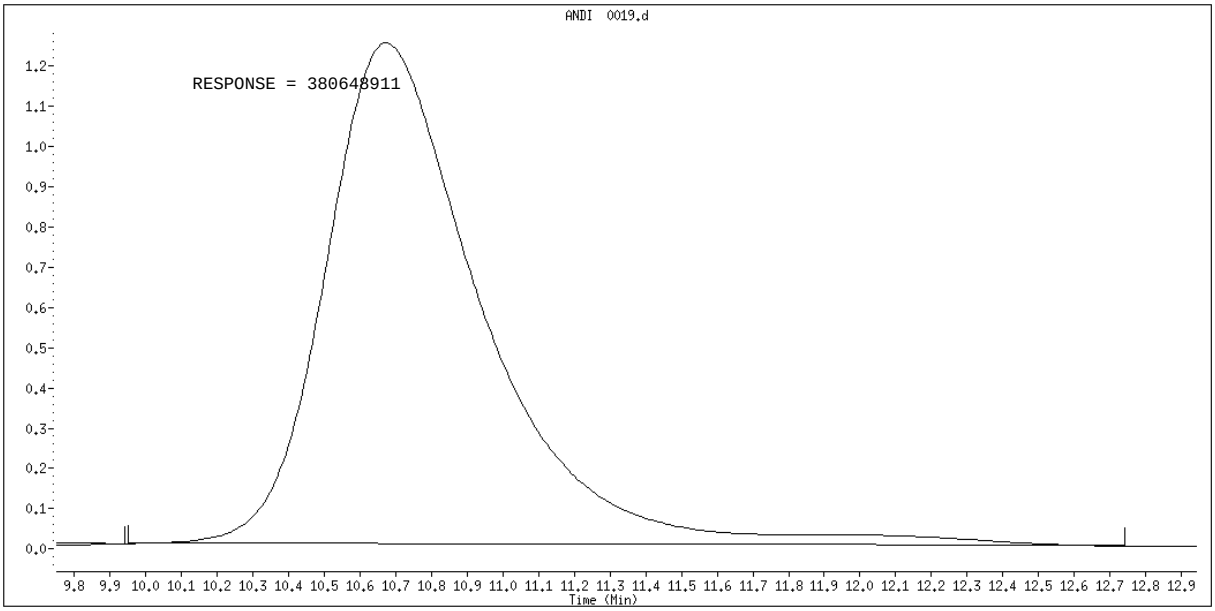
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0019.d
Inj. Date and Time: 02-JUN-2010 18:33
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0020.d
Report Date: 03-Jun-2010 15:19

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0020.d
Lab Smp Id: L1796
Inj Date : 02-JUN-2010 18:50
Operator : 001754 Inst ID: ic320.i
Smp Info : L1796
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

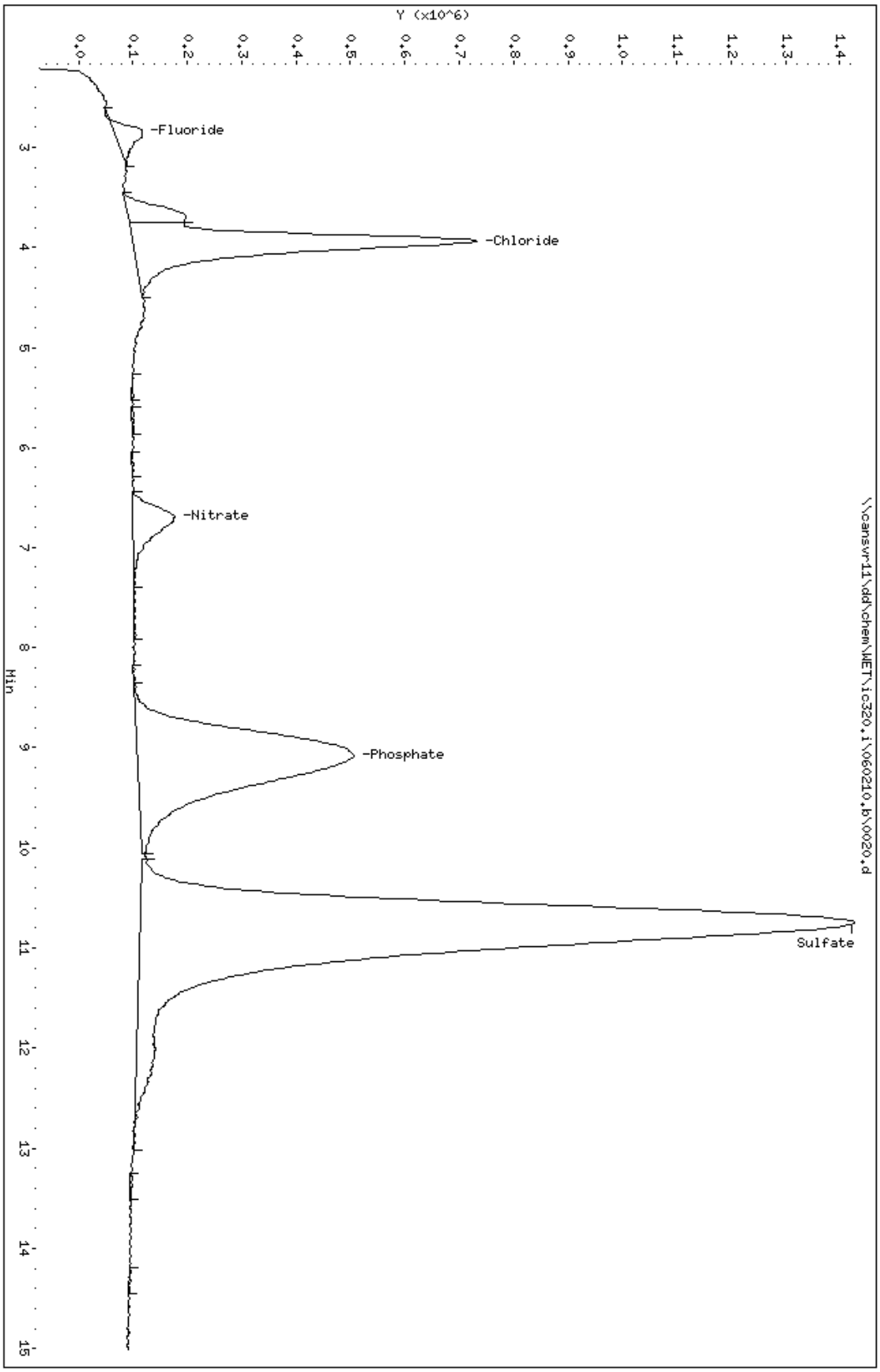
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

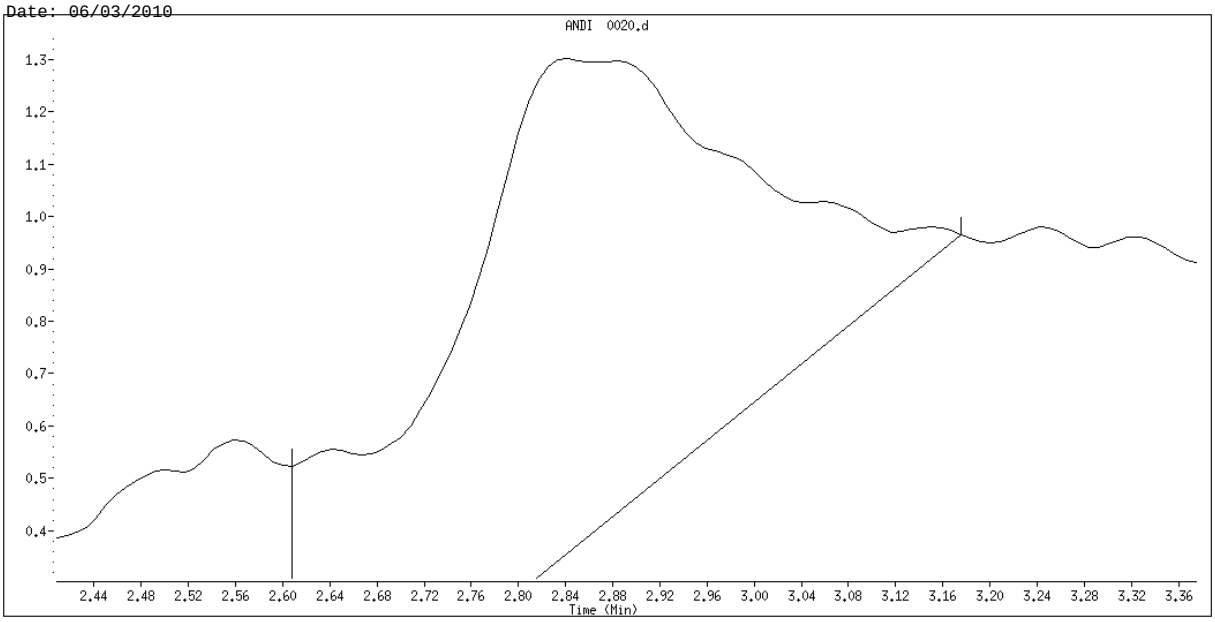
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.841	2.808	0.033	663942	0.05748	0.05748(M)
2 Chloride	3.933	3.916	0.017	8340520	0.86452	0.8645(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.691	6.633	0.058	1580391	0.08426	0.08426(a)
6 Phosphate	9.083	8.850	0.233	398537	1.46974	1.470
7 Sulfate	10.750	10.666	0.084	42255757	6.48781	6.488(M)

QC Flag Legend

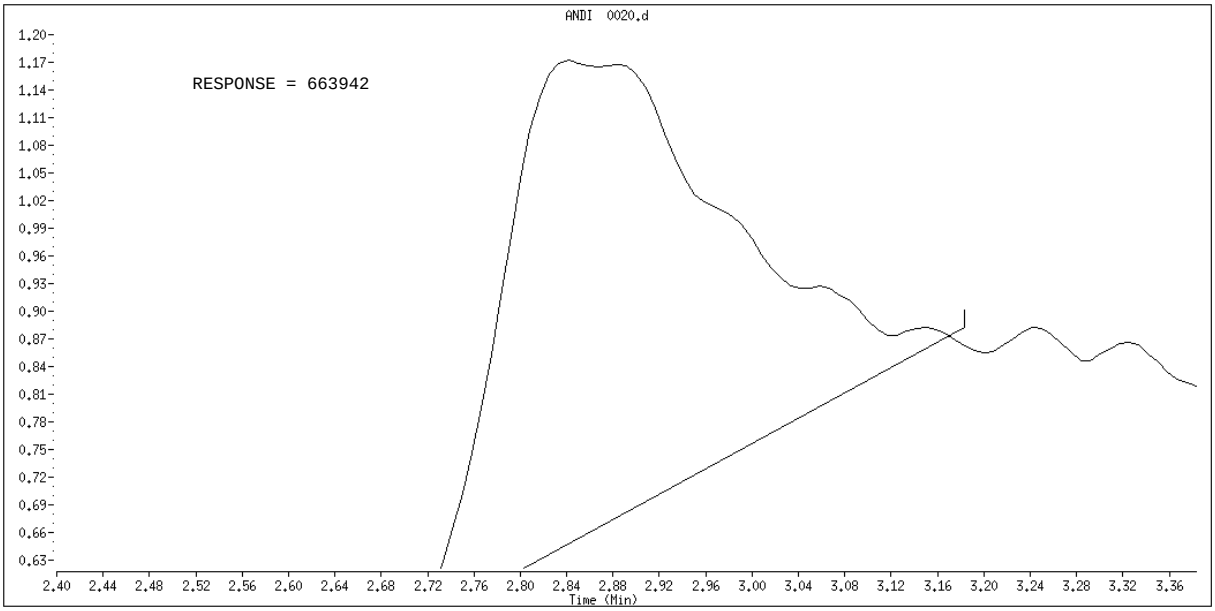
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0020.d
Date : 02-JUN-2010 18:50
Client ID:
Sample Info: L1796
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0020.d
Y (x10^6)
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-Fluoride
-Chloride
-Nitrate
-Phosphate
Sulfate
3
4
5
6
7
8
9
10
11
12
13
14
15
Min

Data File Name: 0020.d
Inj. Date and Time: 02-JUN-2010 18:50
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



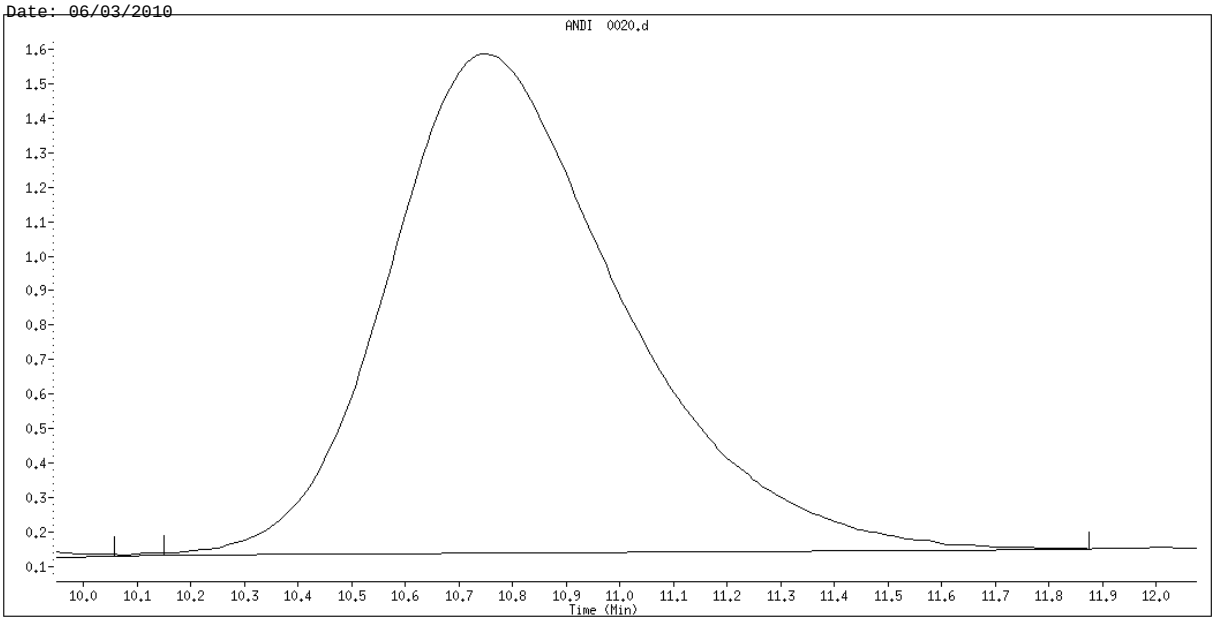
Original Integration



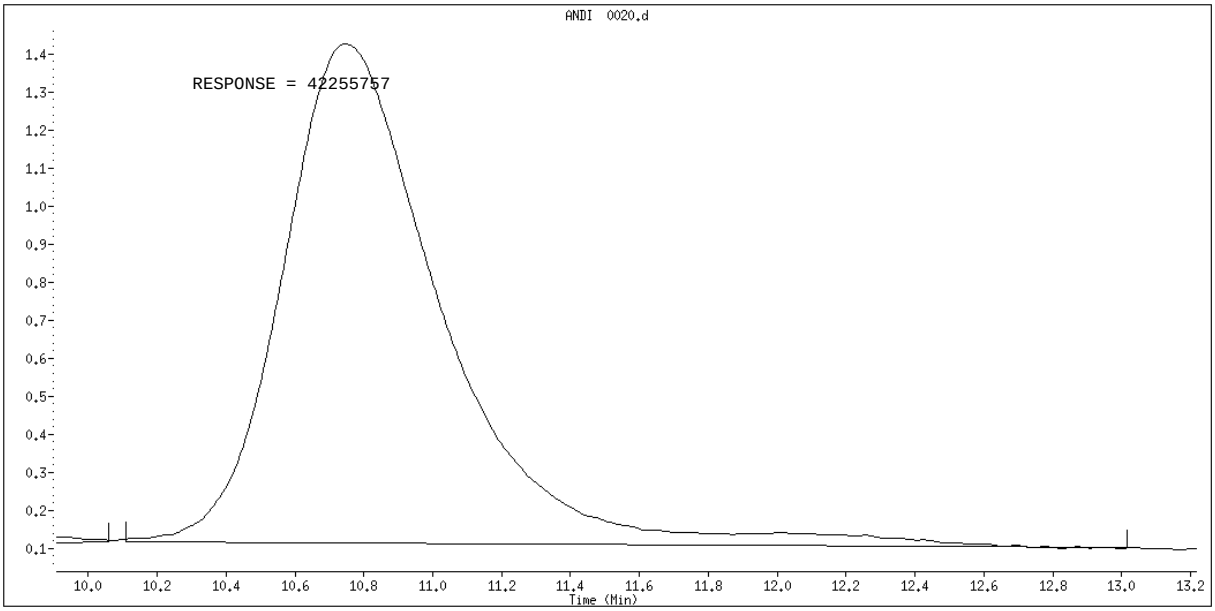
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0020.d
Inj. Date and Time: 02-JUN-2010 18:50
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0021.d
Report Date: 03-Jun-2010 12:29

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0021.d
Lab Smp Id: L1798
Inj Date : 02-JUN-2010 19:08
Operator : 001754 Inst ID: ic320.i
Smp Info : L1798
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:24 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

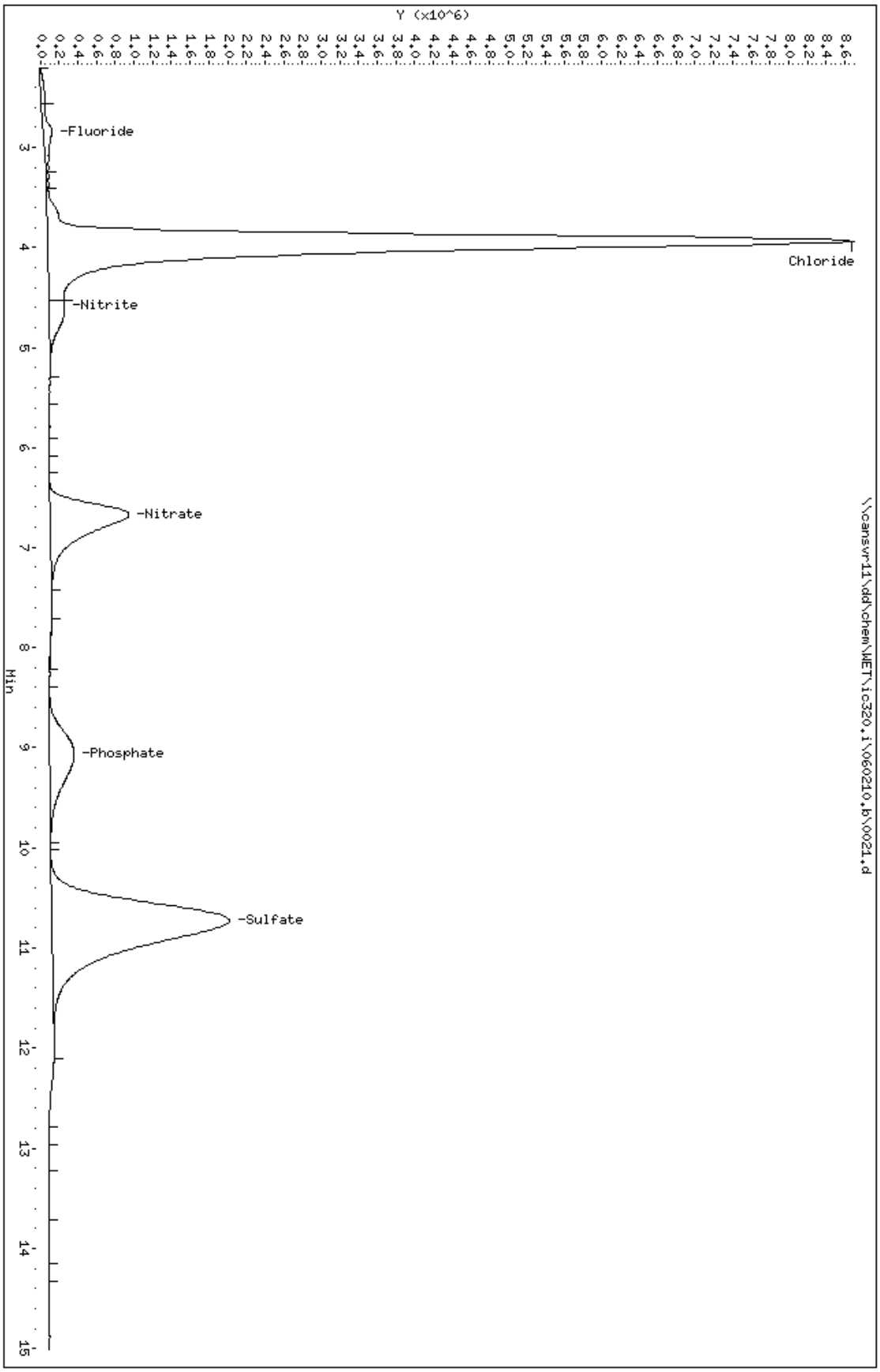
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.850	2.891	-0.041	2219496	0.19214	0.1921(M)
2 Chloride	3.933	3.916	0.017	102851039	10.6608	10.66(M)
3 Nitrite	4.658	4.683	-0.025	3372694	0.14819	0.1482(M)
4 Bromide	Compound Not Detected.					
5 Nitrate	6.675	6.583	0.092	17317008	0.92325	0.9232
6 Phosphate	9.058	9.008	0.050	261365	0.99239	0.9924
7 Sulfate	10.733	10.691	0.042	57972646	8.90093	8.901

QC Flag Legend

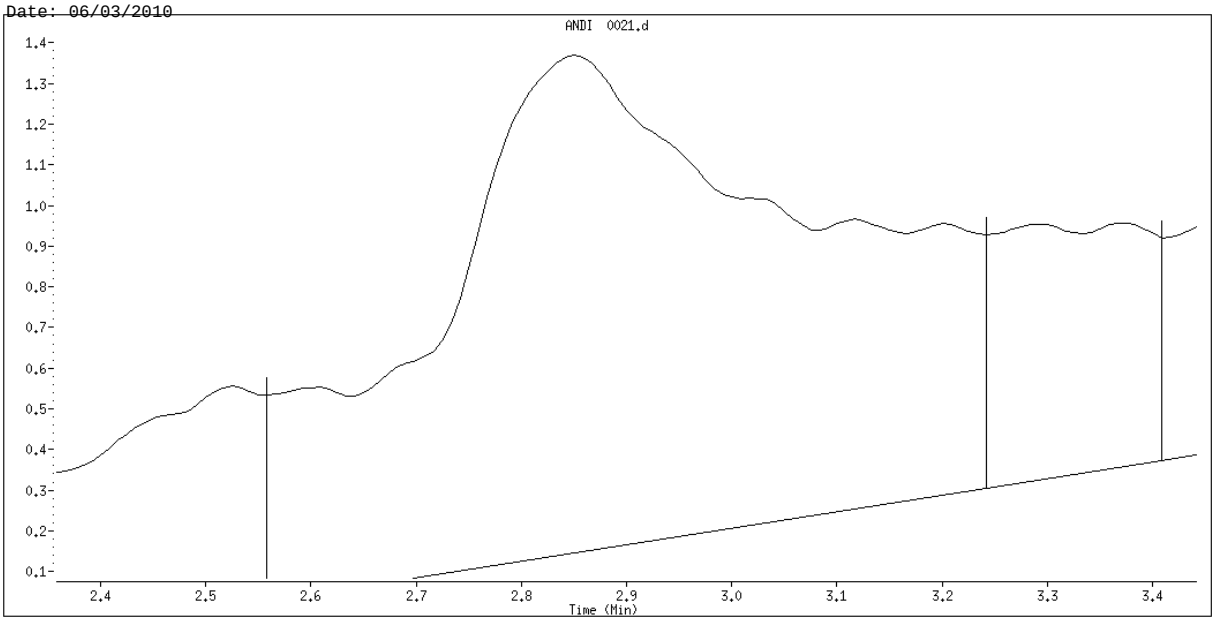
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0021.d
Date : 02-JUN-2010 19:08
Client ID:
Sample Info: L1798
Purge Volume: 1.0
Column phase: AS14

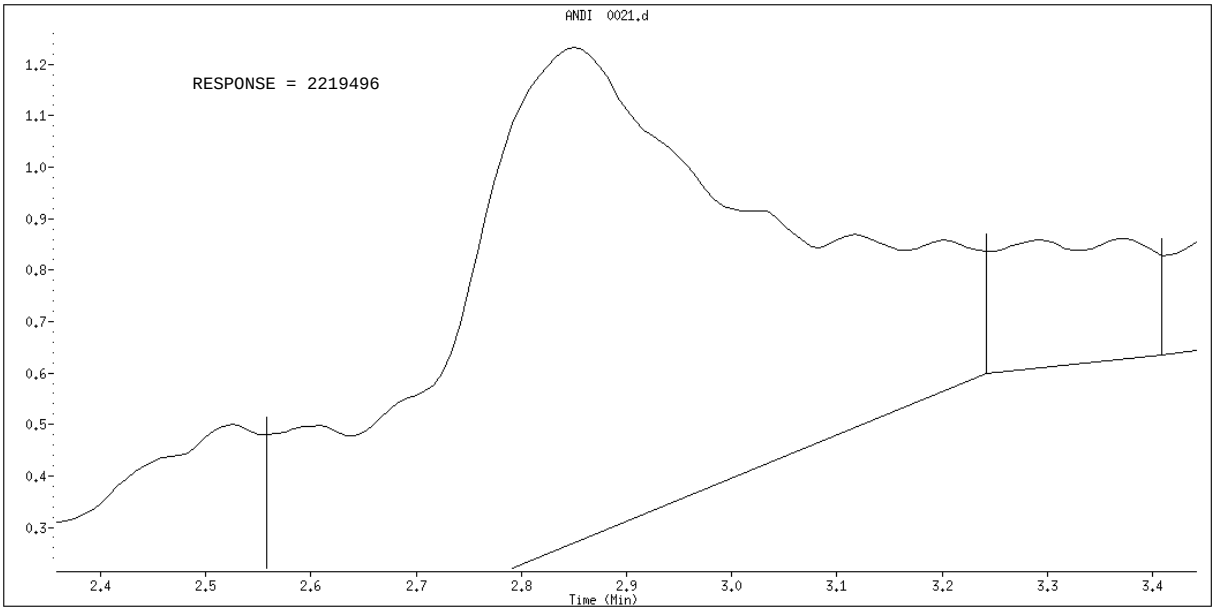
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0021.d
Inj. Date and Time: 02-JUN-2010 19:08
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



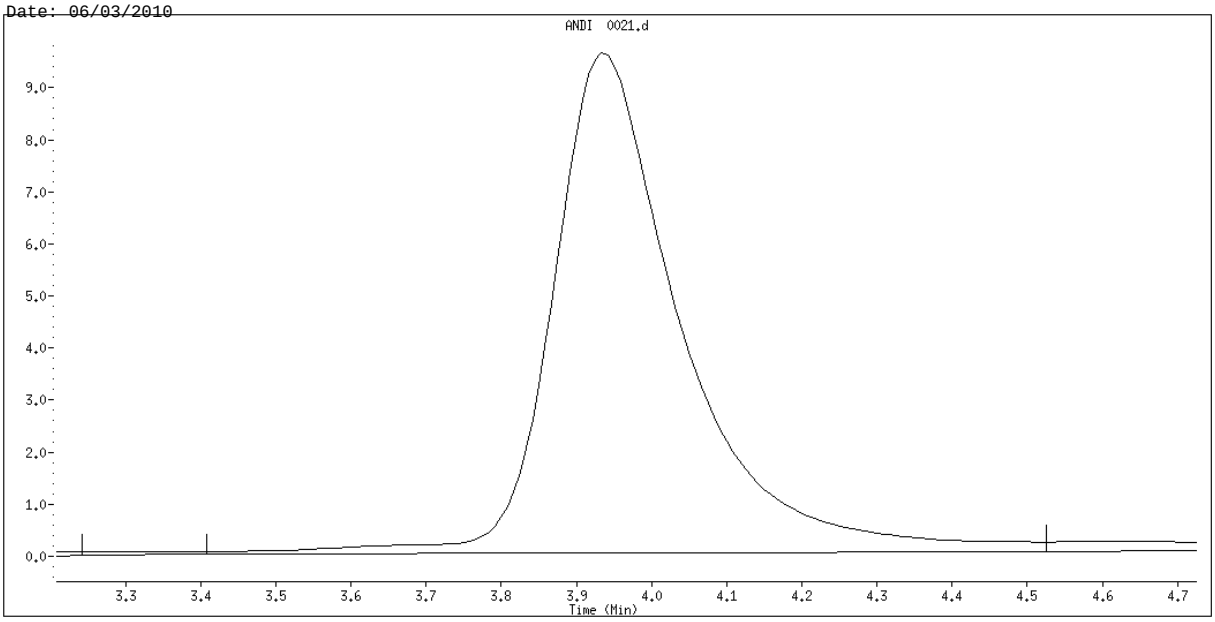
Original Integration



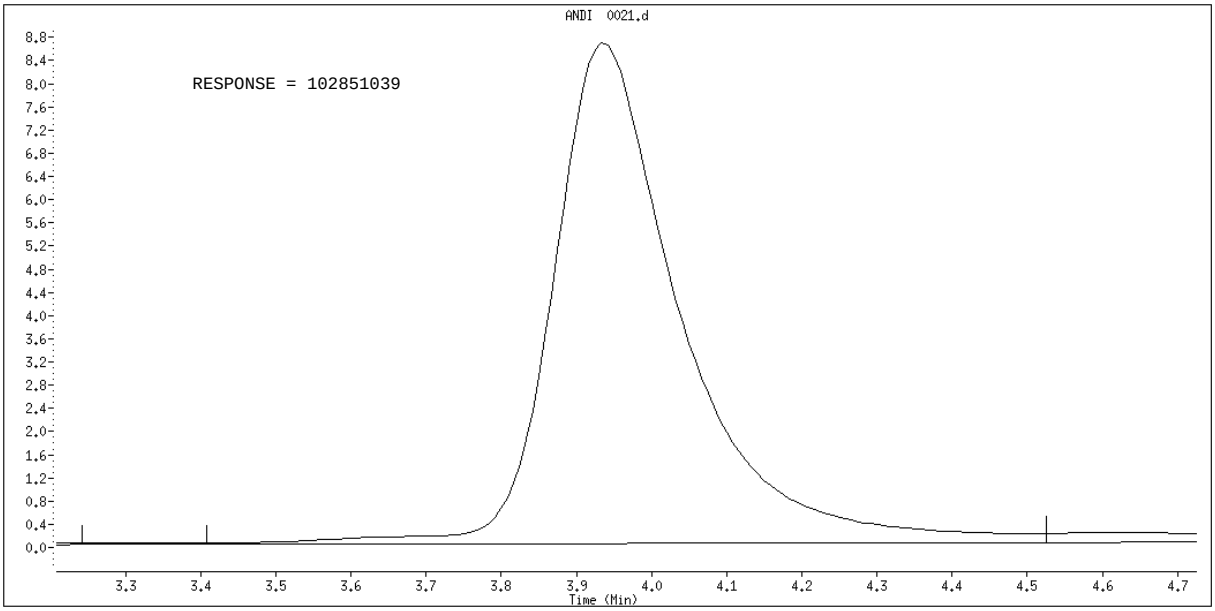
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0021.d
Inj. Date and Time: 02-JUN-2010 19:08
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



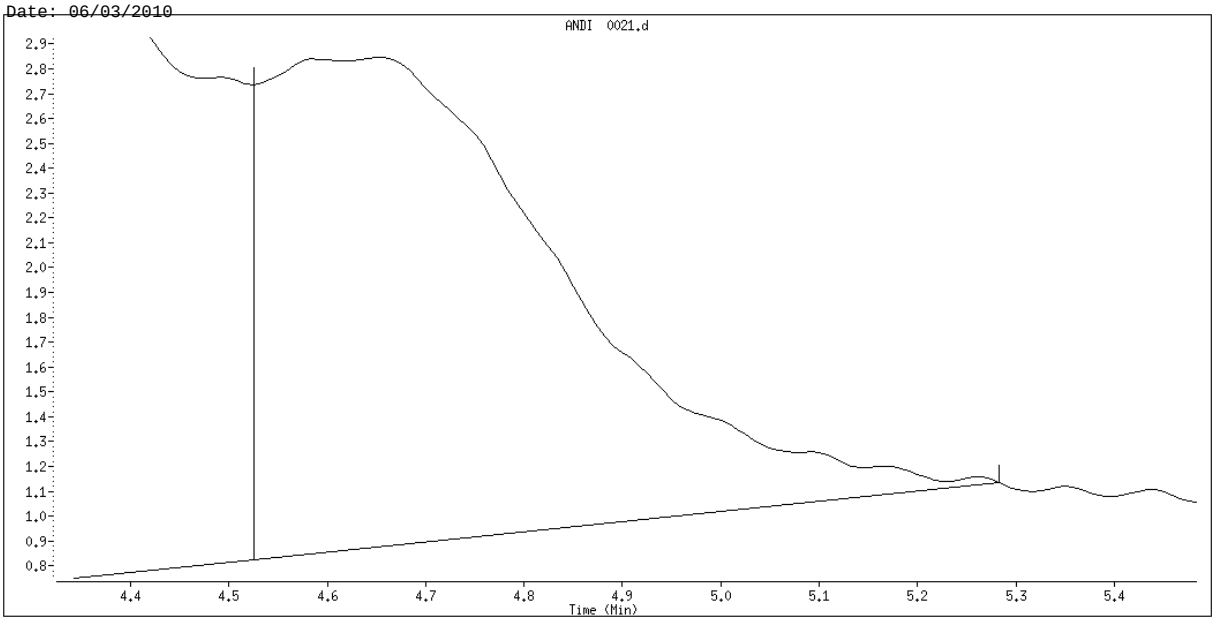
Original Integration



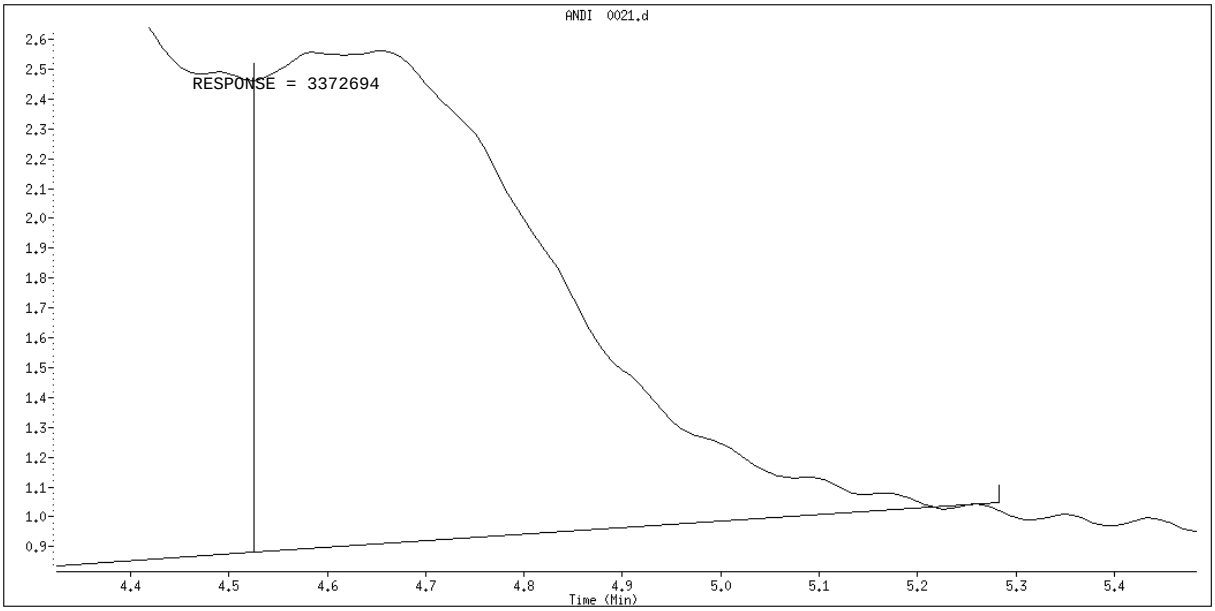
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0021.d
Inj. Date and Time: 02-JUN-2010 19:08
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0022.d
Report Date: 03-Jun-2010 12:29

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0022.d
Lab Smp Id: L18AA
Inj Date : 02-JUN-2010 19:25
Operator : 001754 Inst ID: ic320.i
Smp Info : L18AA
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:24 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

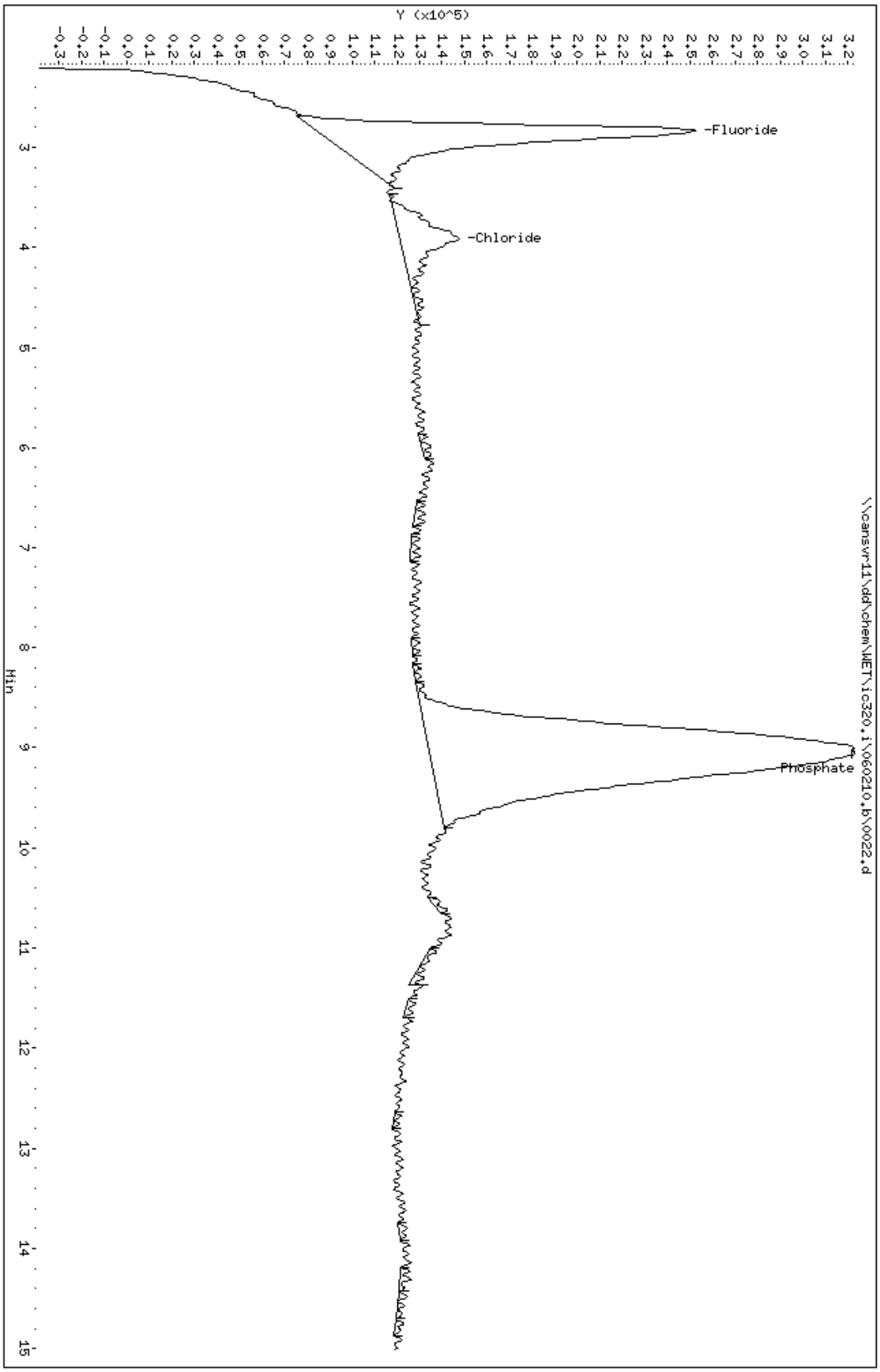
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

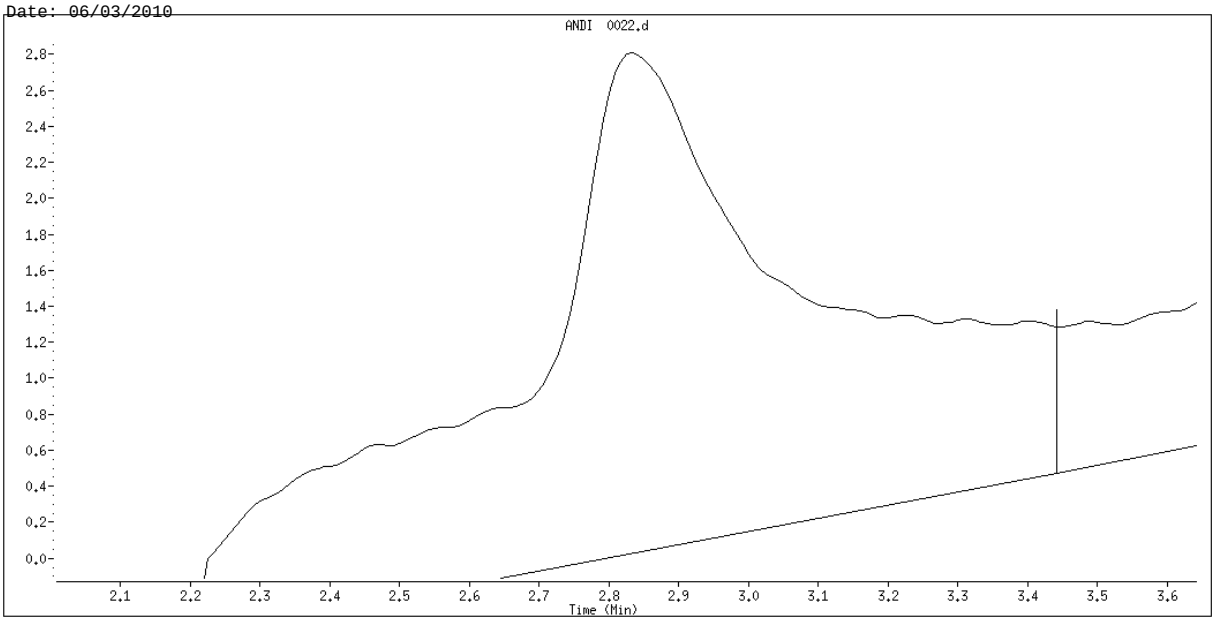
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.833	2.891	-0.058	2316844	0.20057	0.2006(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.008	9.008	0.000	188768	0.73976	0.7398
7 Sulfate	Compound Not Detected.					

QC Flag Legend

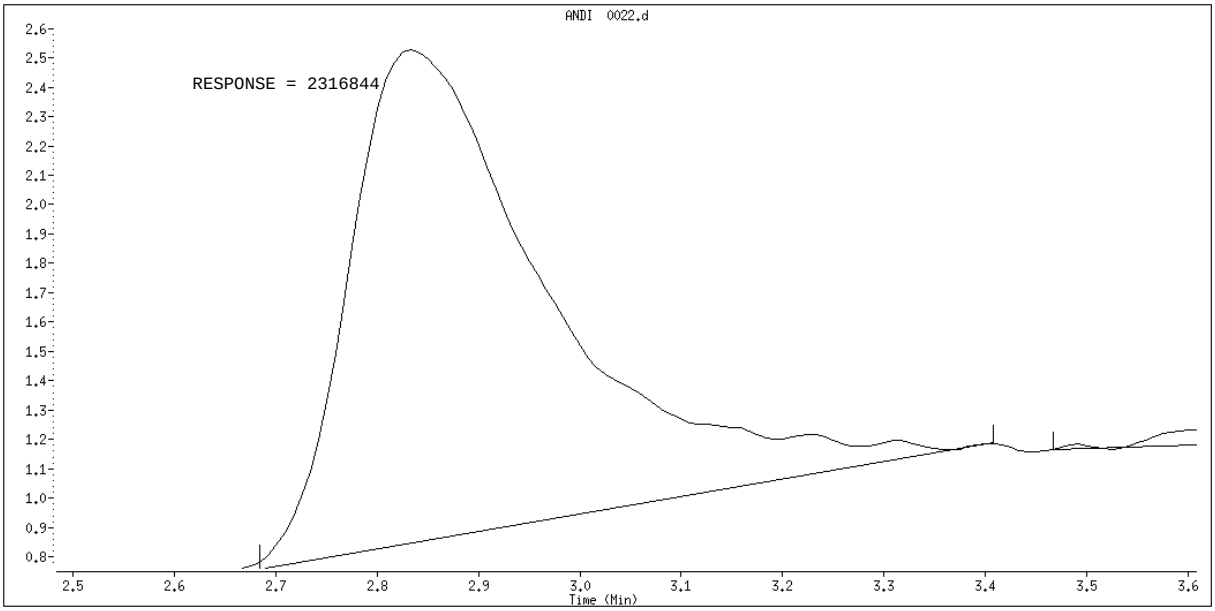
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0022.d
Date : 02-JUN-2010 19:25
Client ID:
Sample Info: L18AA
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0022.d
Y (x10^5)
-Fluoride
-Chloride
Phosphate
Min

Data File Name: 0022.d
Inj. Date and Time: 02-JUN-2010 19:25
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



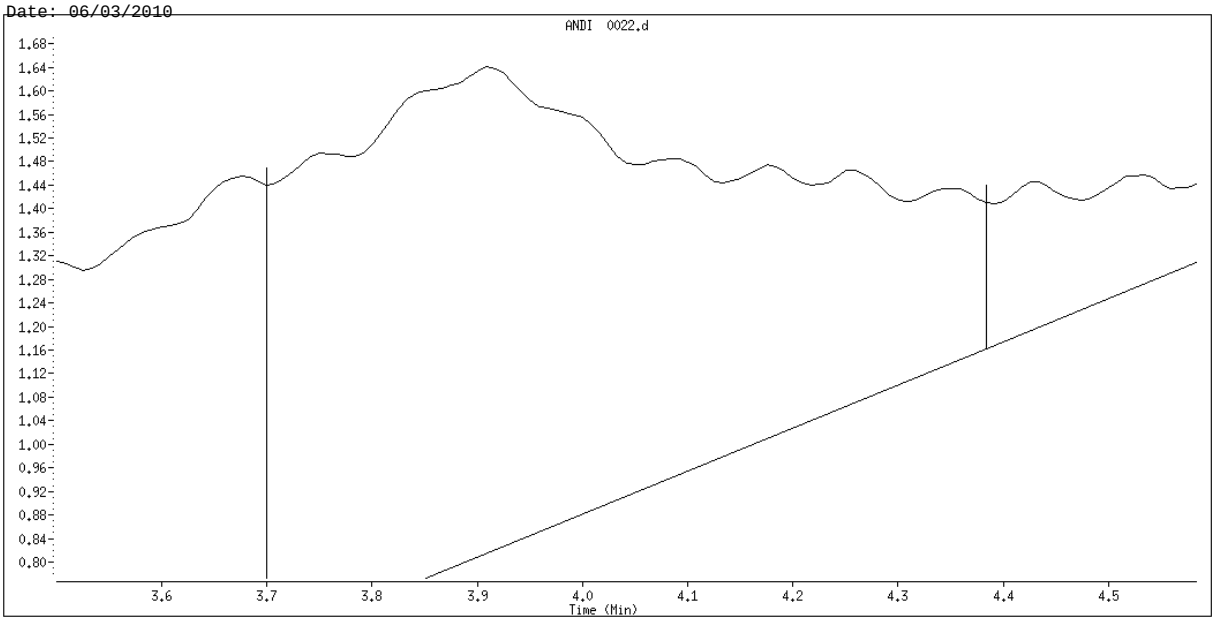
Original Integration



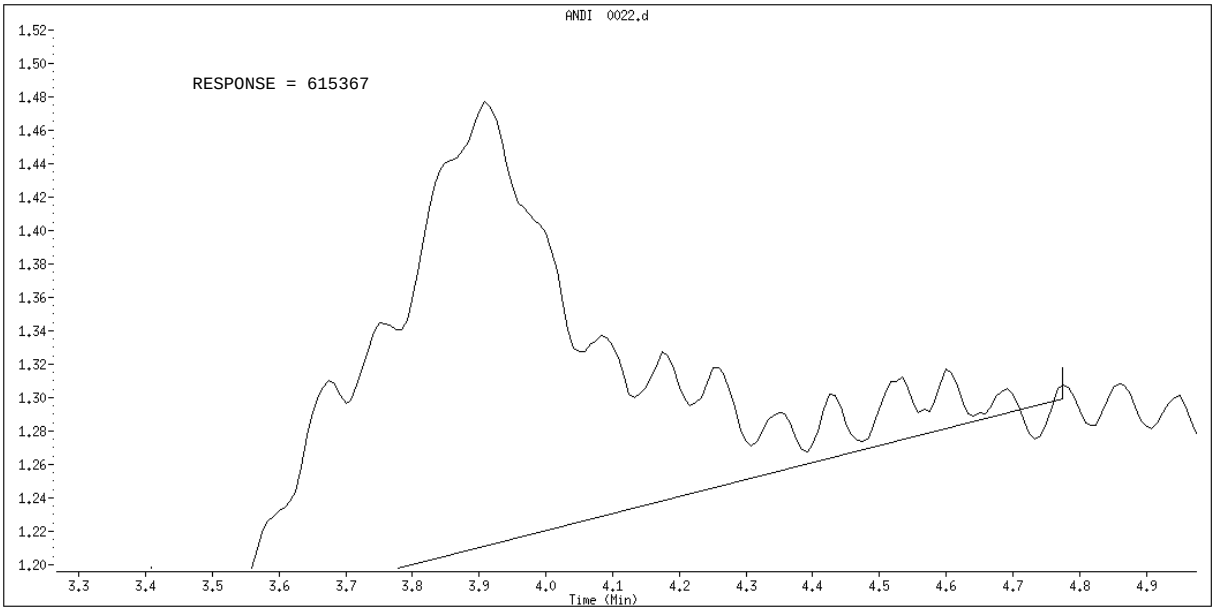
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0022.d
Inj. Date and Time: 02-JUN-2010 19:25
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\060210.b\0023.d
Report Date: 03-Jun-2010 12:23

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\060210.b\0023.d
Lab Smp Id: L1W5F
Inj Date : 02-JUN-2010 19:43
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W5F,10
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 02-Jun-2010 17:11 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

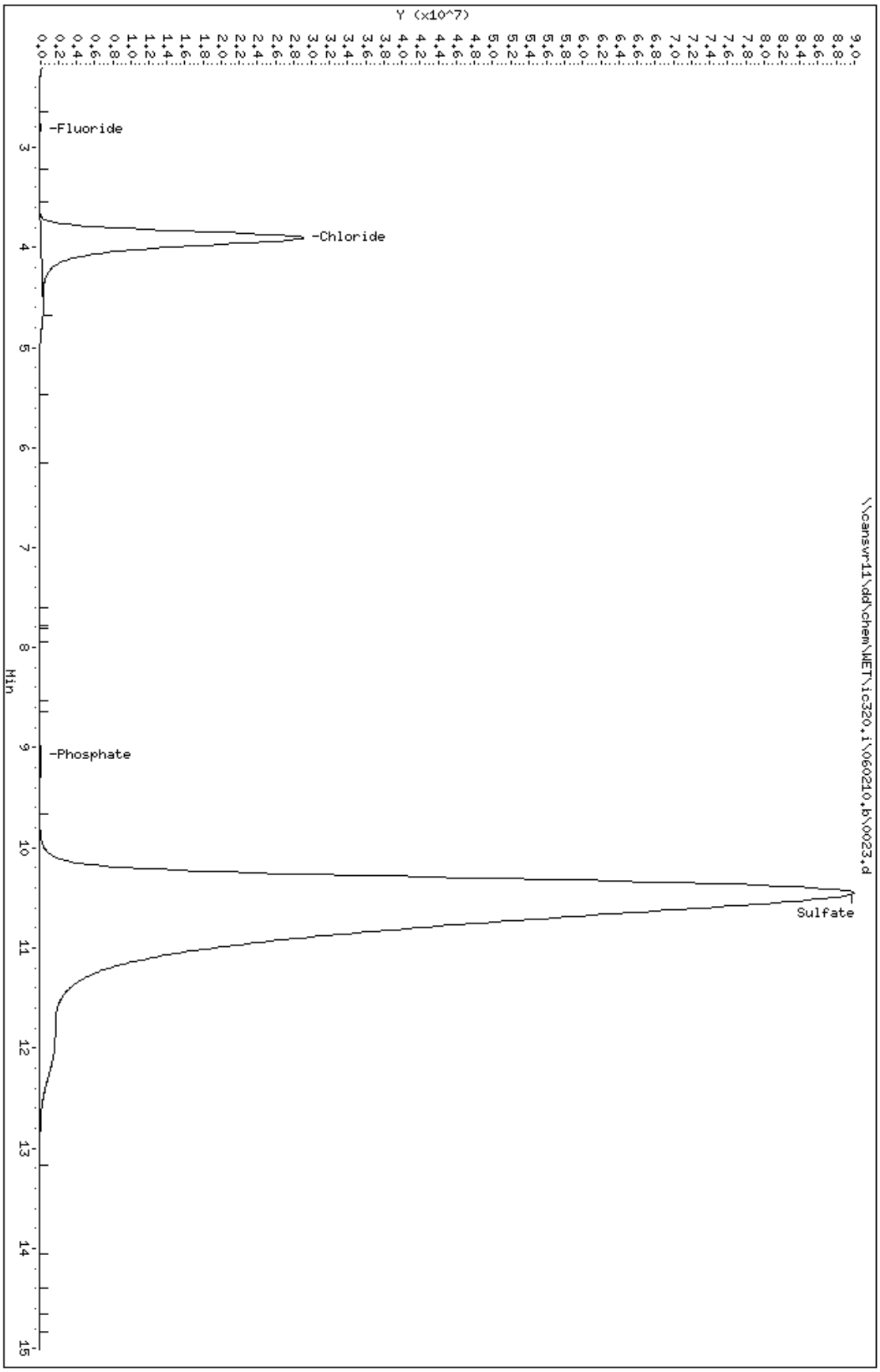
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.808	0.008	630093	0.05455	0.5455
2 Chloride	3.900	3.916	-0.016	337109020	34.9422	349.4
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.075	8.850	0.225	80939	0.36453	3.645
7 Sulfate	10.458	10.666	-0.208	2985840703	458.436	4584(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0023.d
Date : 02-JUN-2010 19:43
Client ID:
Sample Info: L1WSF,10
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0024.d
Report Date: 03-Jun-2010 12:30

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0024.d
Lab Smp Id: L1W5H
Inj Date : 02-JUN-2010 20:00
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W5H,10
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:24 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

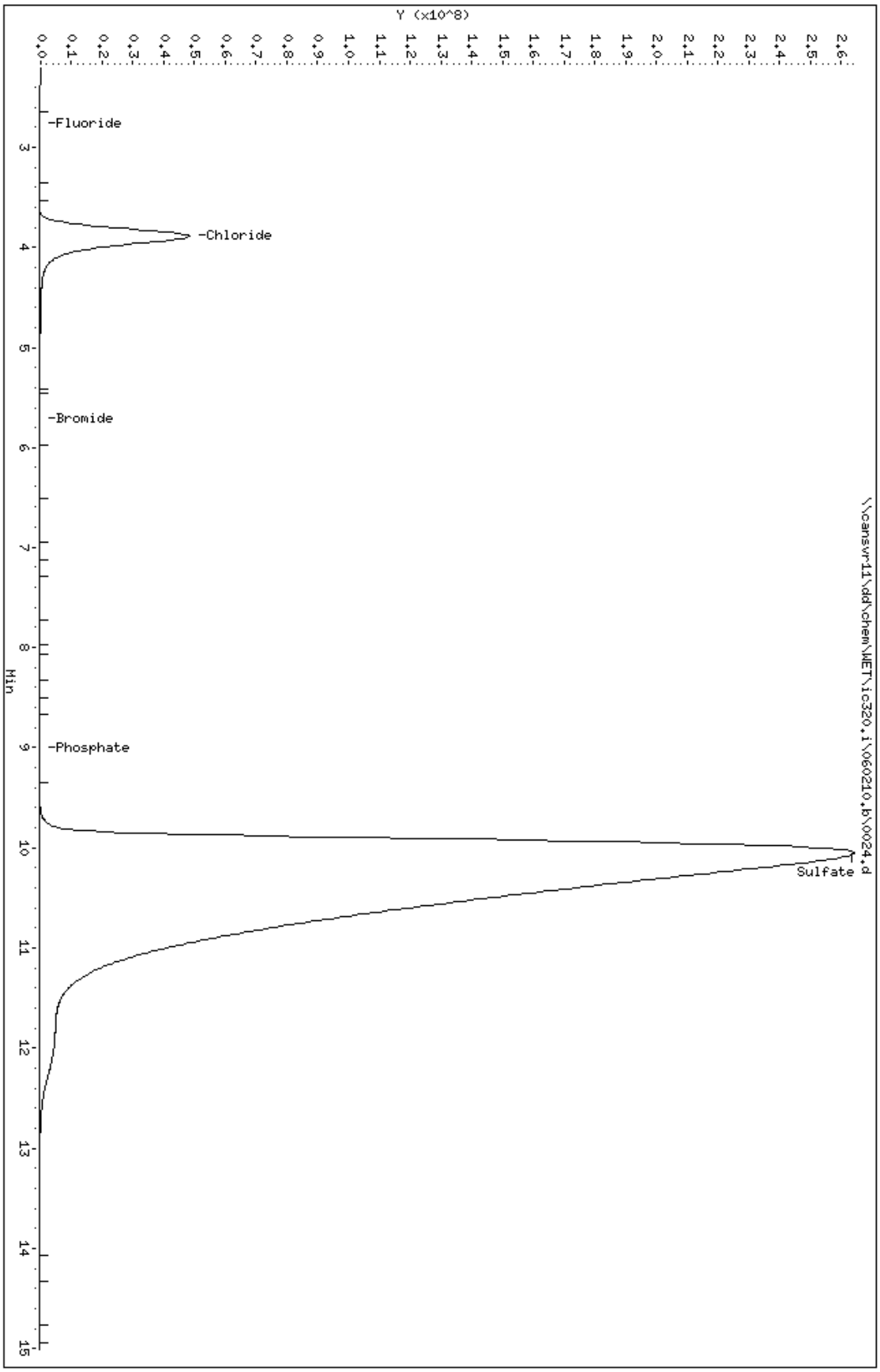
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

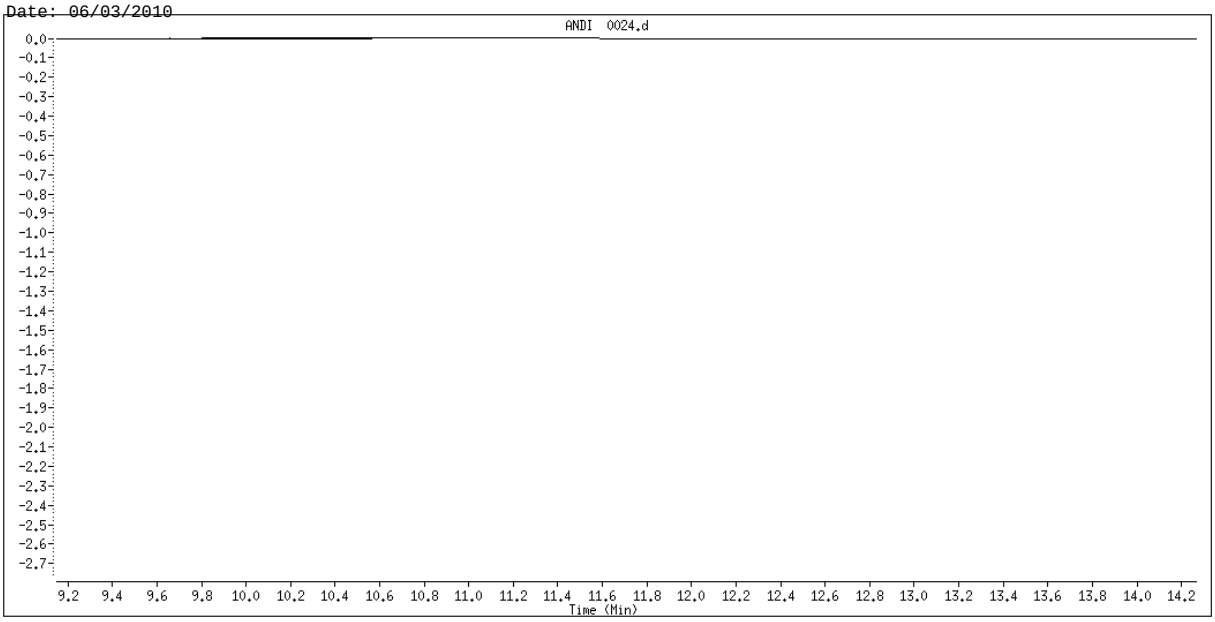
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.766	2.891	-0.125	728957	0.06311	0.6310
2 Chloride	3.883	3.916	-0.033	625932187	64.8795	648.8
3 Nitrite	Compound Not Detected.					
4 Bromide	5.708	5.716	-0.008	432486	0.13132	1.313(a)
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.016	9.008	0.008	30546	0.18916	1.892
7 Sulfate	10.050	10.691	-0.641	11362132719	1744.50	17440(AM)

QC Flag Legend

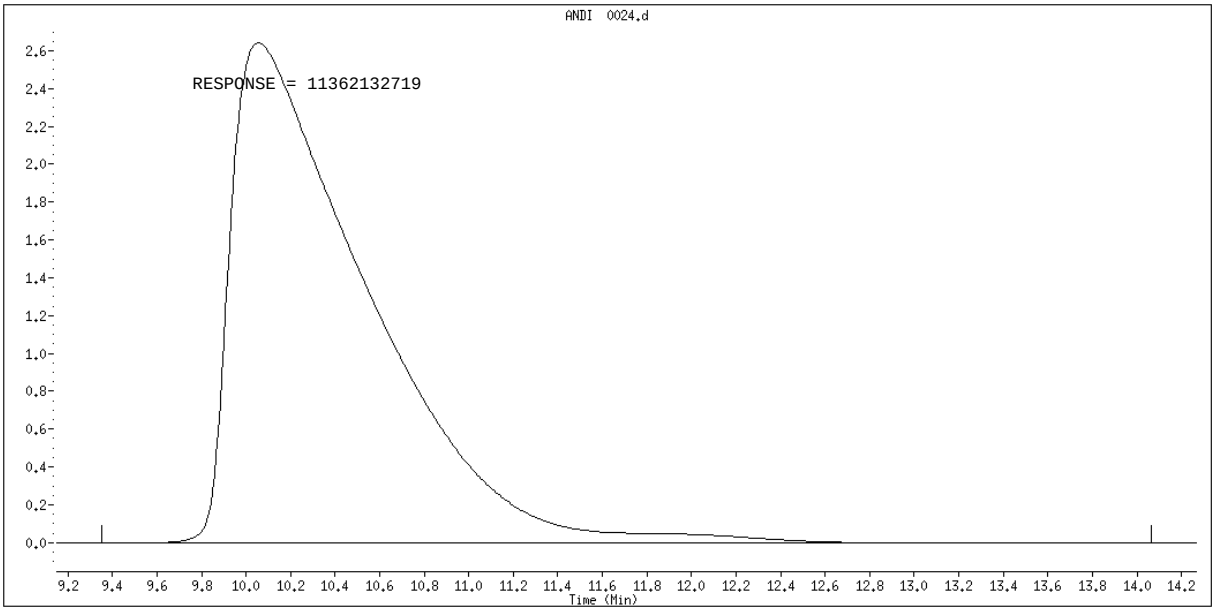
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0024.d
Date : 02-JUN-2010 20:00
Client ID:
Sample Info: L1WSH,10
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0024.d
Y (x10^8)
-Fluoride
-Chloride
-Bromide
-Phosphate
Sulfate
Min

Data File Name: 0024.d
Inj. Date and Time: 02-JUN-2010 20:00
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0025.d
Report Date: 03-Jun-2010 15:19

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 02-JUN-2010 20:17
Lab File ID: 0025.d Init. Cal. Date(s): 02-JUN-2010 02-JUN-2010
Analysis Type: WATER Init. Cal. Times: 13:37 15:56
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	11551330	11538104	11538104	0.010	0.11450	10.00000	Averaged
2 Chloride	9647610	9839327	9839327	0.010	-1.98720	10.00000	Averaged
3 Nitrite	22758984	21948947	21948947	0.010	3.55920	10.00000	Averaged
4 Bromide	3293497	3235197	3235197	0.010	1.77016	10.00000	Averaged
5 Nitrate	18756625	18266495	18266495	0.010	2.61310	10.00000	Averaged
6 Phosphate	2.50000	2.66080	296322	0.010	-6.43208	10.00000	Linear
7 Sulfate	6513100	6323868	6323868	0.010	2.90540	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0025.d
Report Date: 03-Jun-2010 15:19

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0025.d
Lab Smp Id: CCV
Inj Date : 02-JUN-2010 20:17
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

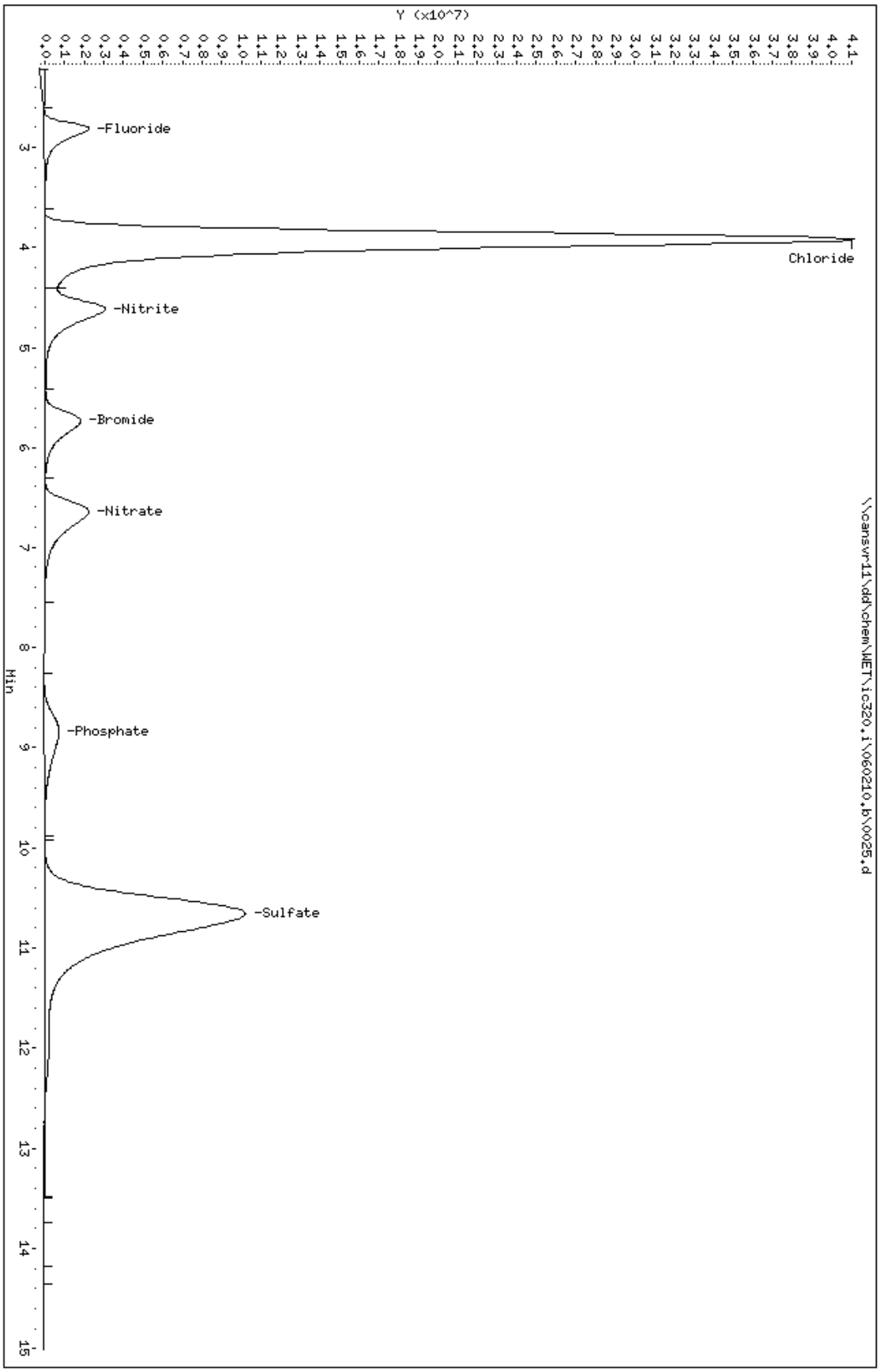
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

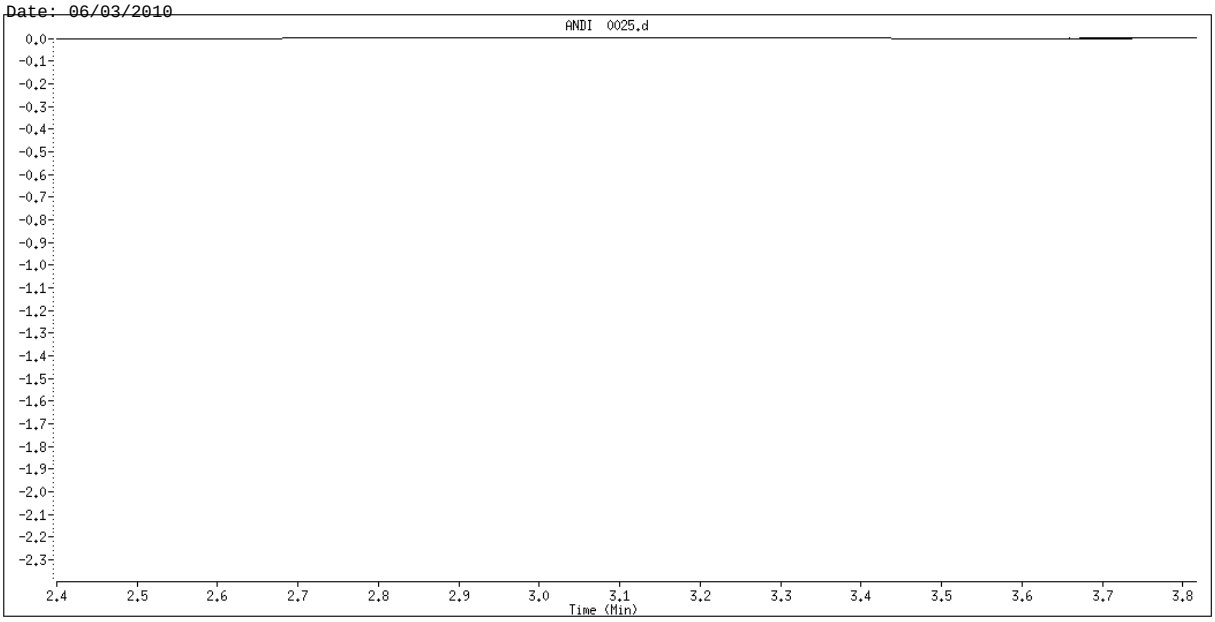
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.816	2.816	0.000	28845261	2.50000	2.497(M)
2 Chloride	3.916	3.916	0.000	491966342	50.0000	50.99(M)
3 Nitrite	4.616	4.616	0.000	54872368	2.50000	2.411(M)
4 Bromide	5.725	5.725	0.000	32351967	10.0000	9.823(M)
5 Nitrate	6.650	6.650	0.000	45666238	2.50000	2.435(M)
6 Phosphate	8.841	8.841	0.000	740806	2.50000	2.661
7 Sulfate	10.658	10.658	0.000	316193409	50.0000	48.55(M)

QC Flag Legend

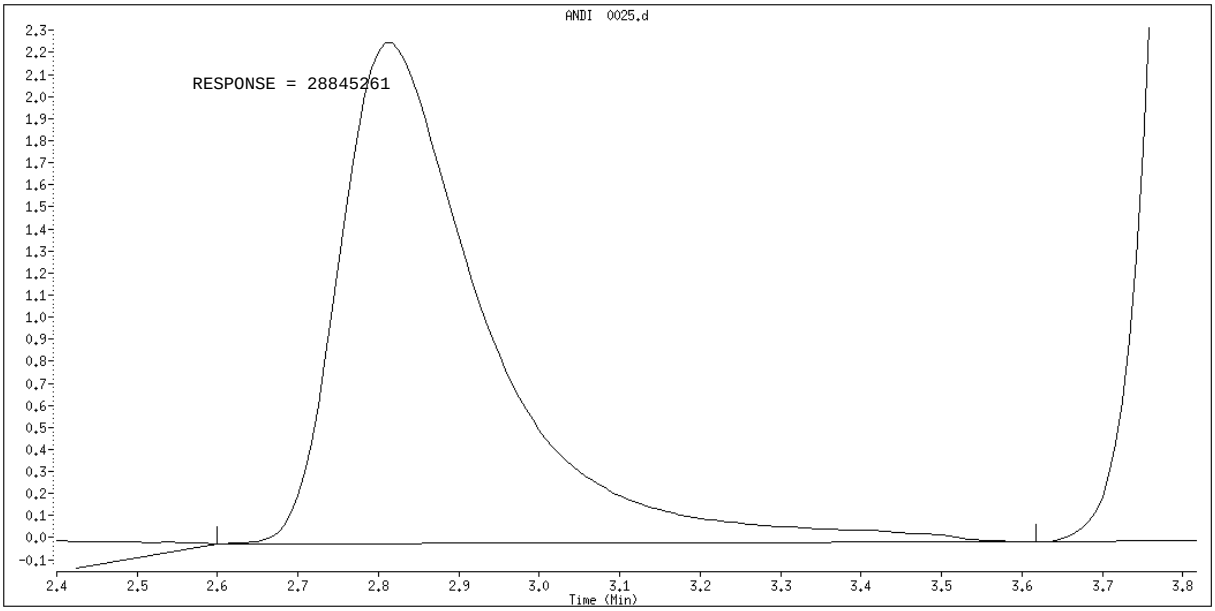
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0025.d
Date : 02-JUN-2010 20:17
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0025.d
Y (x10^7)
-Fluoride
Chloride
-Nitrite
-Bromide
-Nitrate
-Phosphate
-Sulfate
Min

Data File Name: 0025.d
Inj. Date and Time: 02-JUN-2010 20:17
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



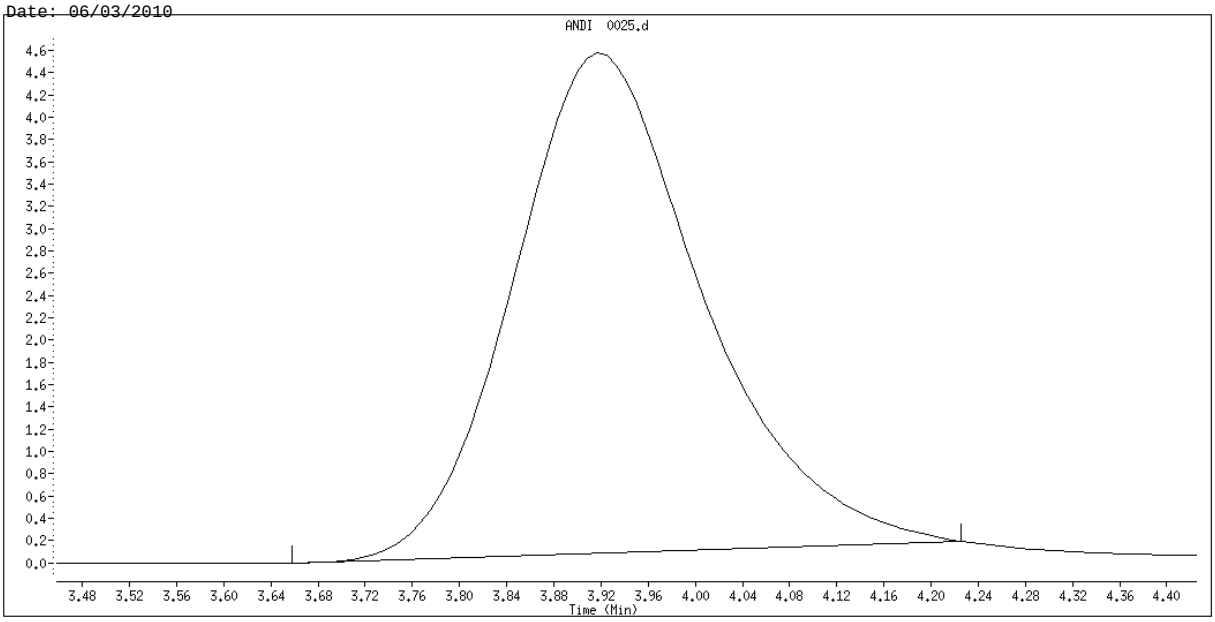
Original Integration



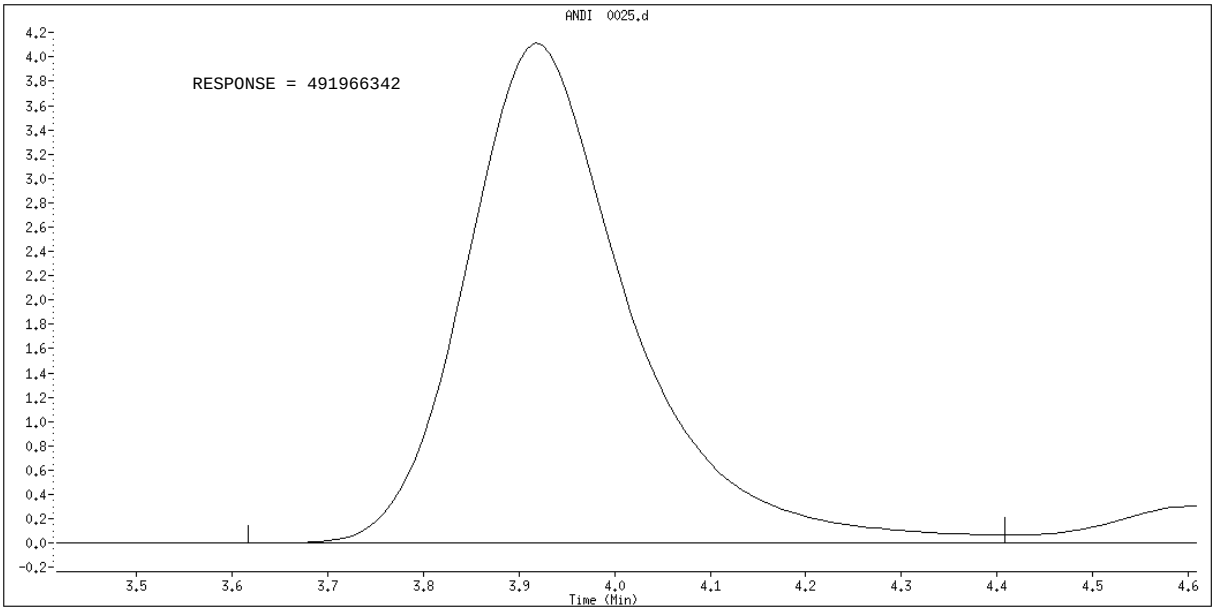
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0025.d
Inj. Date and Time: 02-JUN-2010 20:17
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



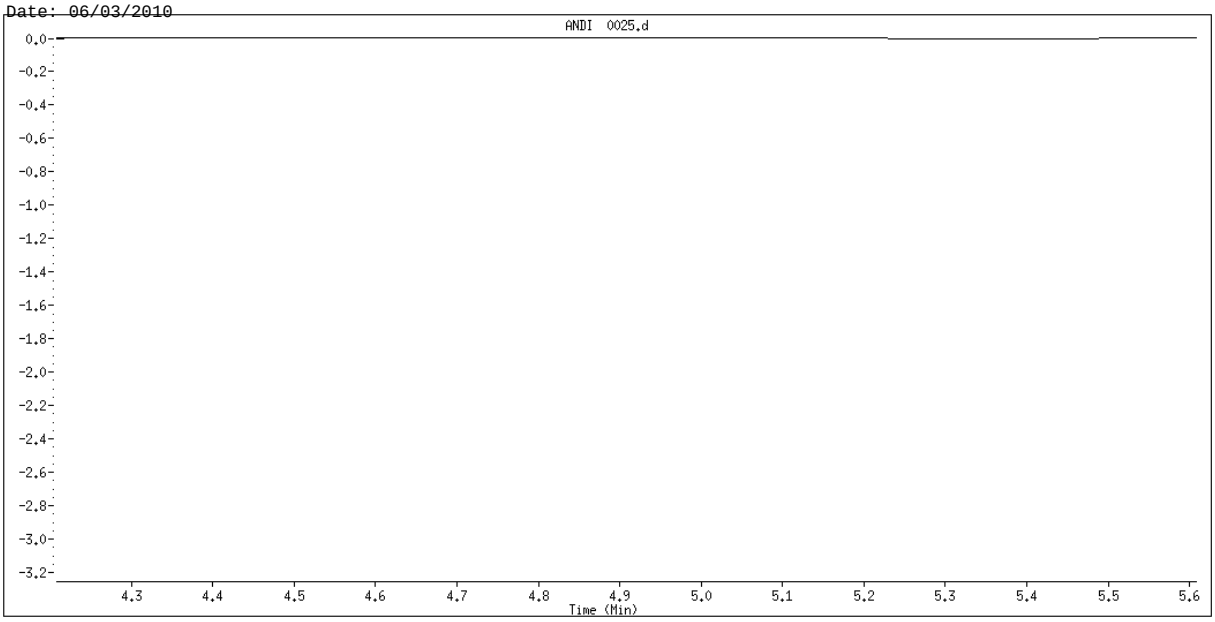
Original Integration



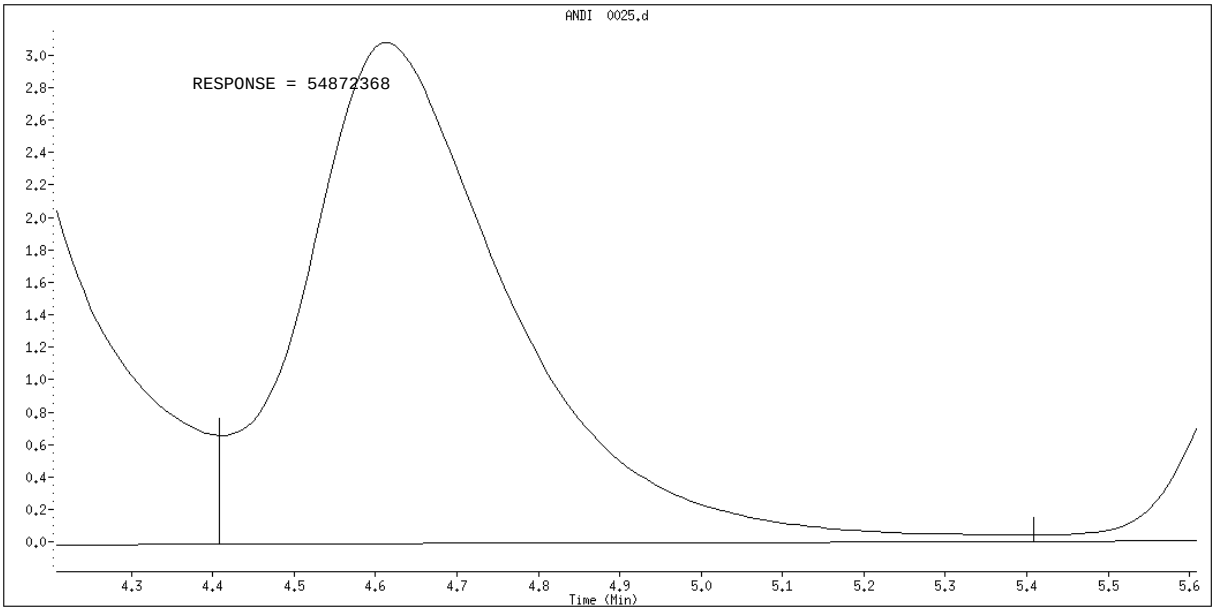
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0025.d
Inj. Date and Time: 02-JUN-2010 20:17
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



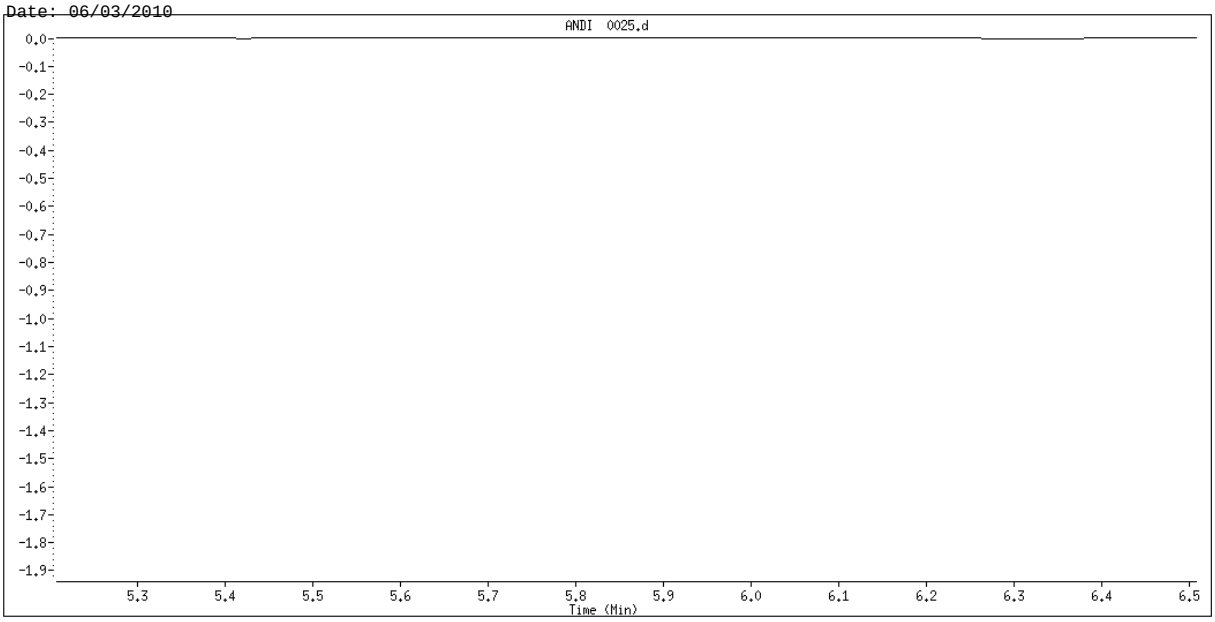
Original Integration



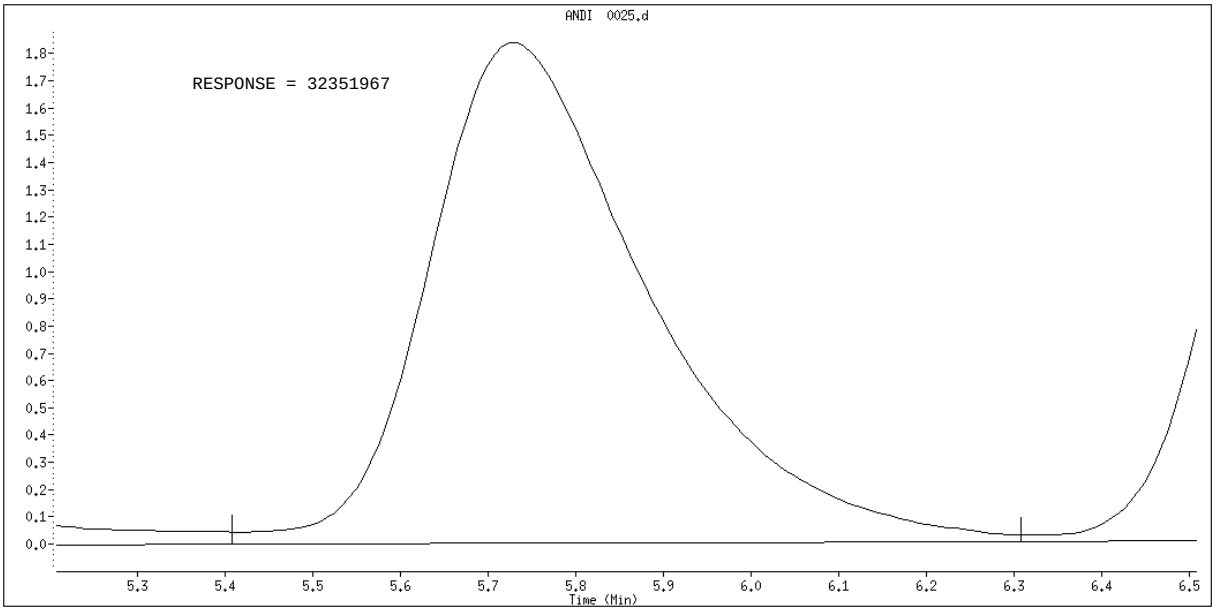
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0025.d
Inj. Date and Time: 02-JUN-2010 20:17
Instrument ID: ic320.i
Client ID:
Compound Name: Bromide
CAS #: Q85
Report Date: 06/03/2010



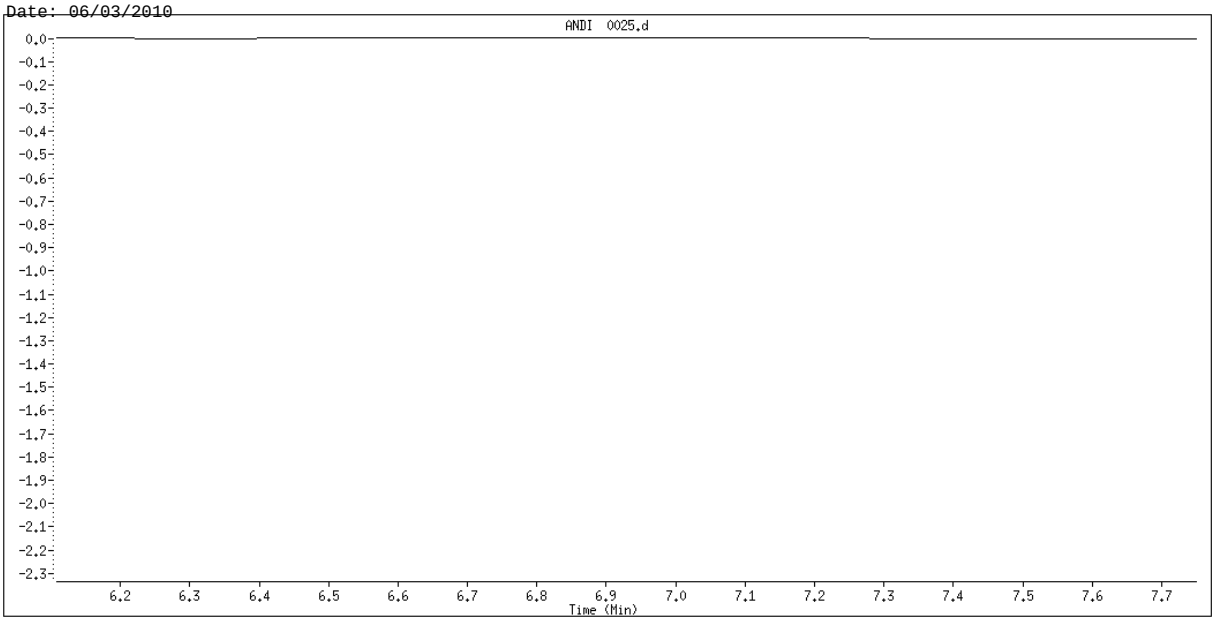
Original Integration



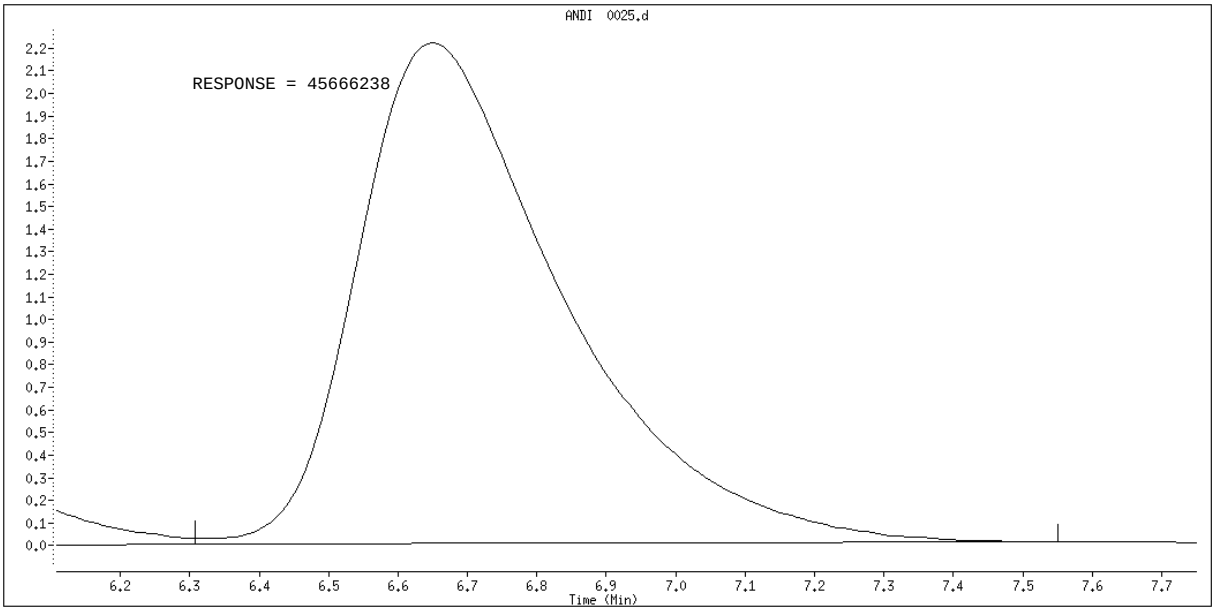
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0025.d
Inj. Date and Time: 02-JUN-2010 20:17
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrate
CAS #: Q479
Report Date: 06/03/2010



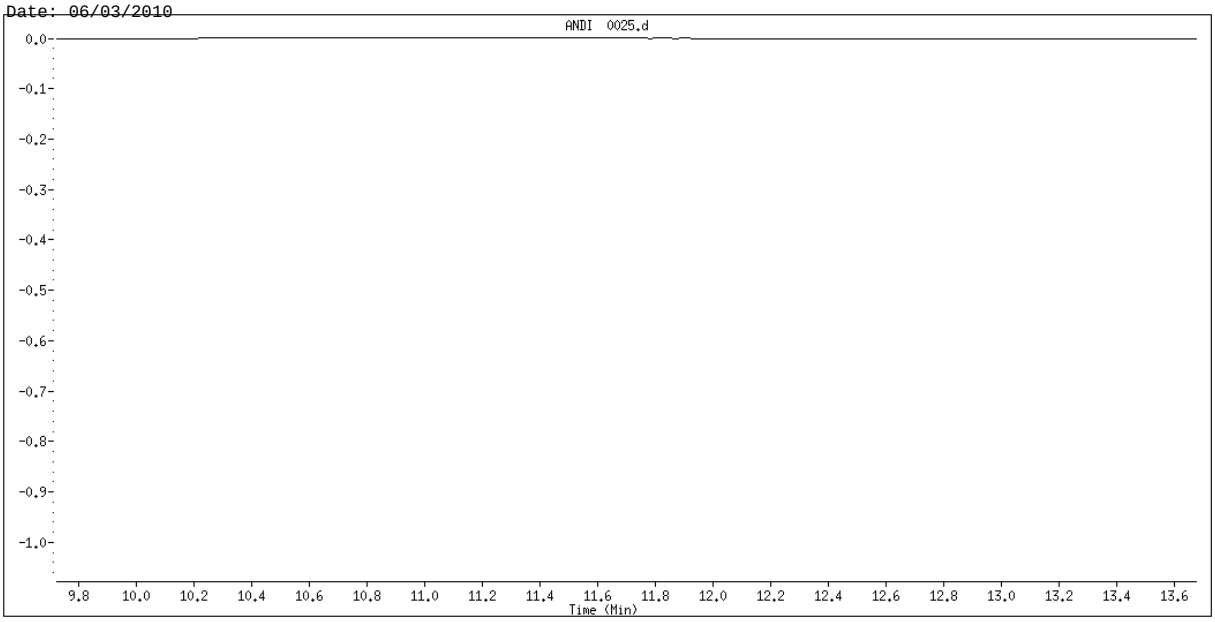
Original Integration



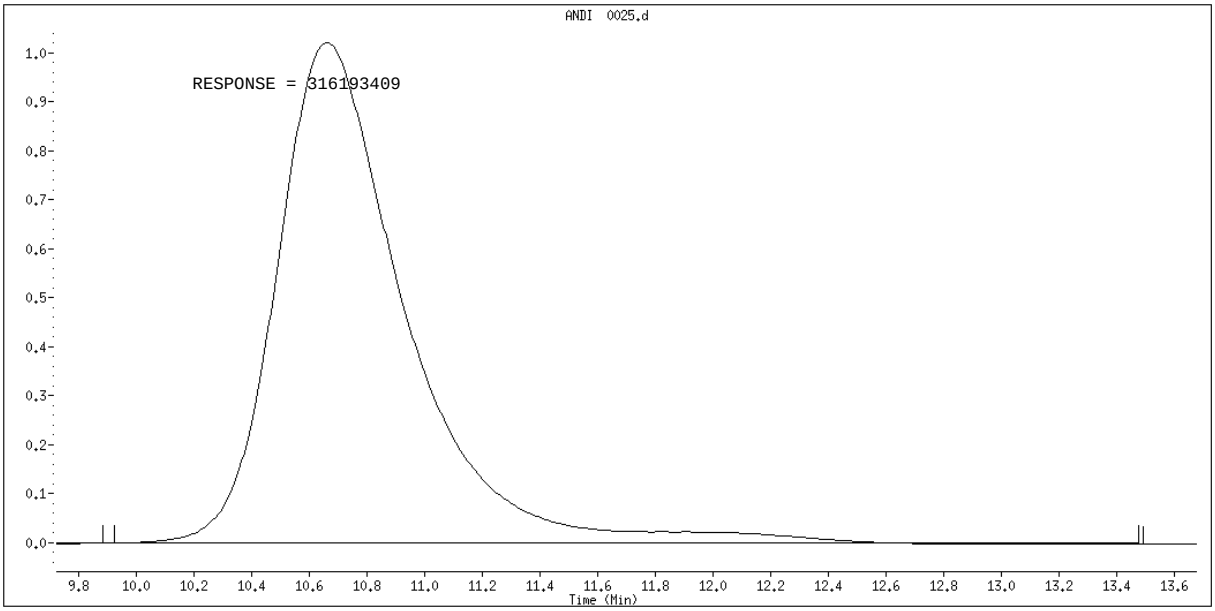
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0025.d
Inj. Date and Time: 02-JUN-2010 20:17
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\060210.b\0026.d
Report Date: 03-Jun-2010 12:23

TestAmerica North Canton

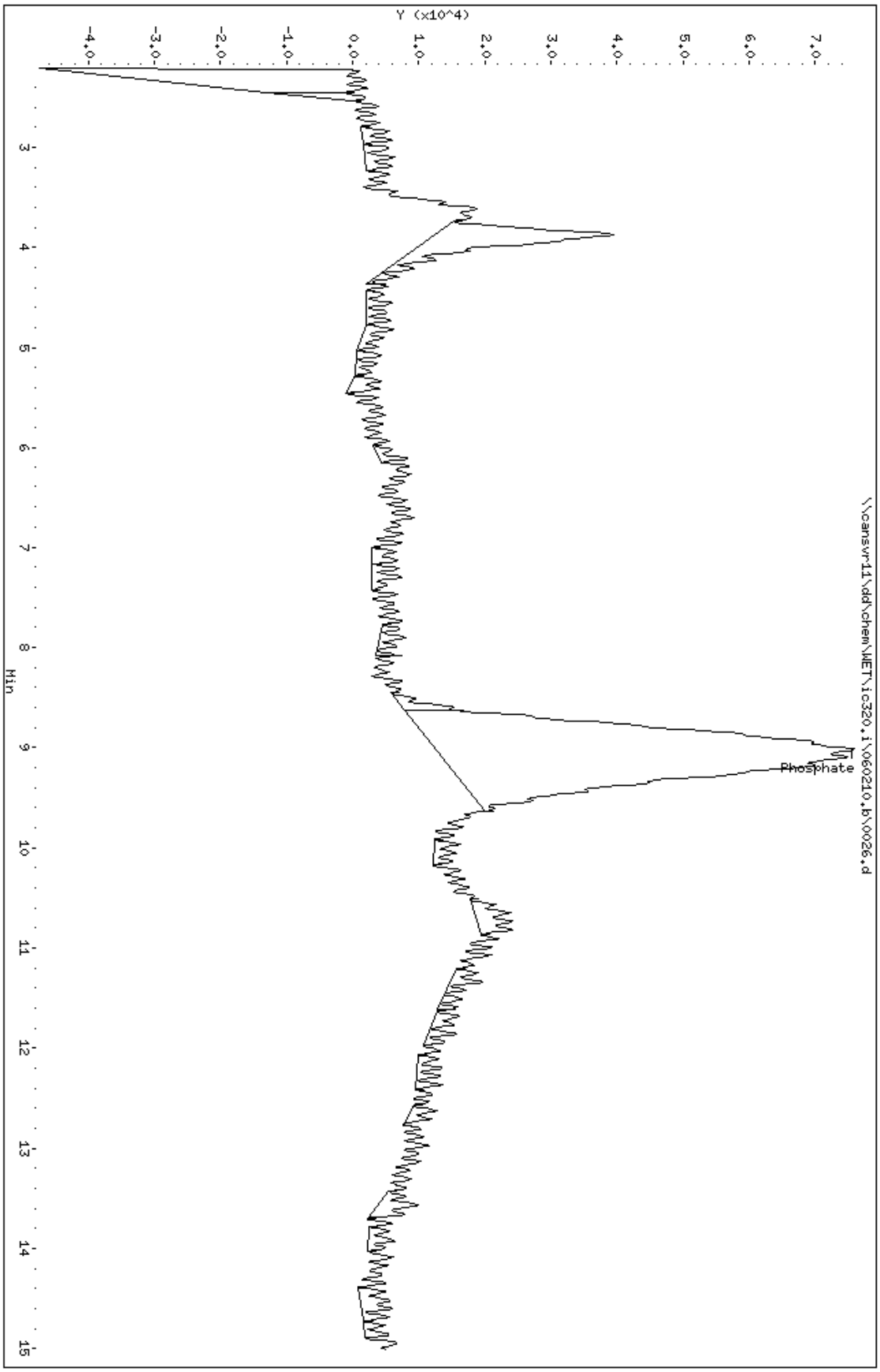
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\060210.b\0026.d
Lab Smp Id: CCB
Inj Date : 02-JUN-2010 20:35
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:23 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.016	8.841	0.175	63358	0.30335	0.3033
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0026.d
Date : 02-JUN-2010 20:35
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0026.d
Phosphate
Y (x10^4)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
3
4
5
6
7
8
9
10
11
12
13
14
15
Min

Data File: \\cansvr11\chem\WET\ic320.i\060210.b\0027.d
Report Date: 03-Jun-2010 12:23

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\060210.b\0027.d
Lab Smp Id: L1W6A
Inj Date : 02-JUN-2010 20:52
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W6A,10
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:23 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

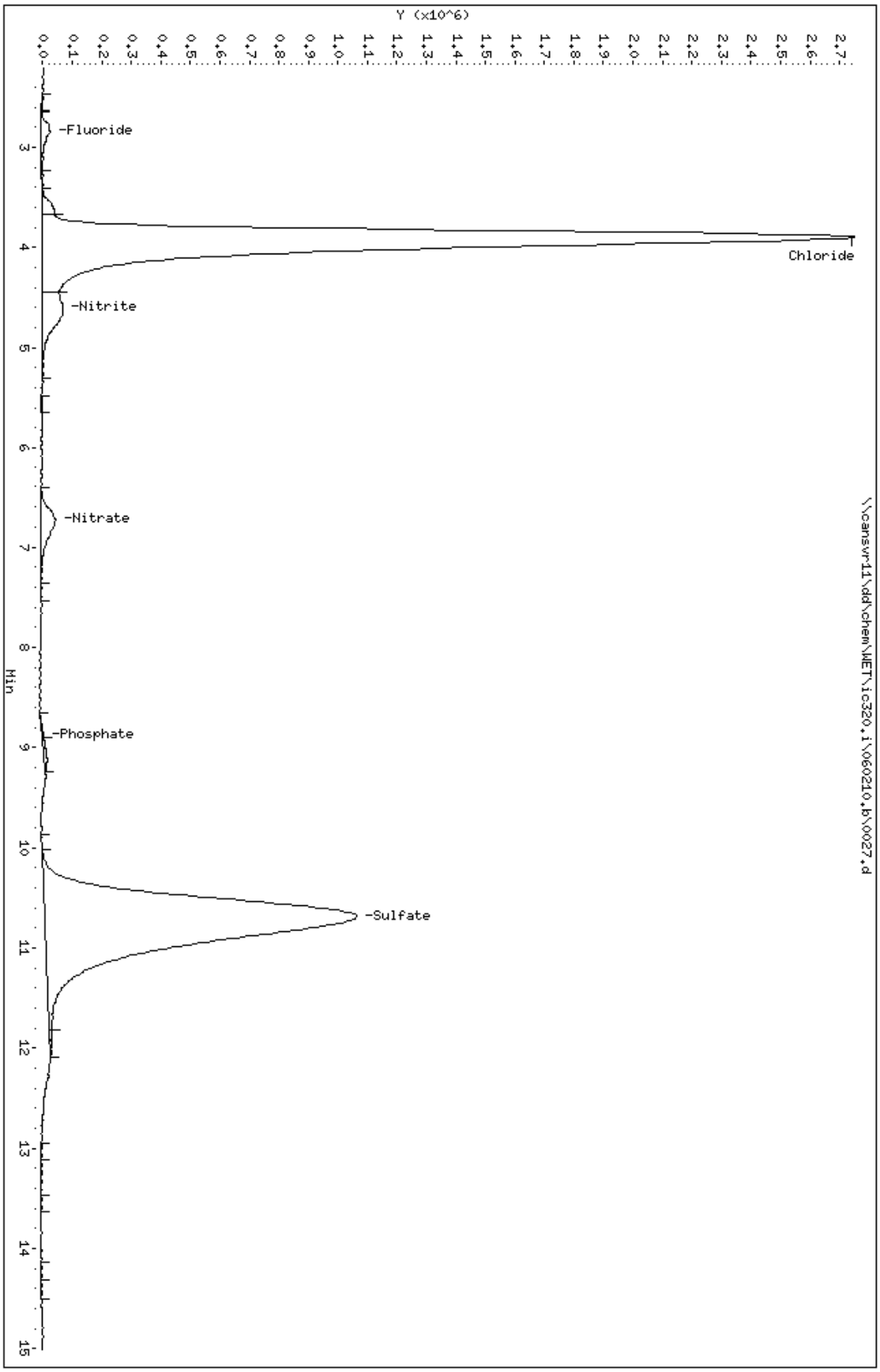
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.816	0.025	412762	0.03573	0.3573(a)
2 Chloride	3.891	3.916	-0.025	35664139	3.69668	36.97
3 Nitrite	4.591	4.616	-0.025	1596434	0.07015	0.7014
4 Bromide	Compound Not Detected.					
5 Nitrate	6.725	6.650	0.075	1029074	0.05486	0.5486(a)
6 Phosphate	8.875	8.841	0.034	6067	0.10398	1.040
7 Sulfate	10.683	10.658	0.025	32979843	5.06362	50.64

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0027.d
Date : 02-JUN-2010 20:52
Client ID:
Sample Info: L1W6A,10
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\060210.b\0028.d
Report Date: 03-Jun-2010 12:23

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\060210.b\0028.d
Lab Smp Id: L1W6D
Inj Date : 02-JUN-2010 21:10
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W6D,10
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:23 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

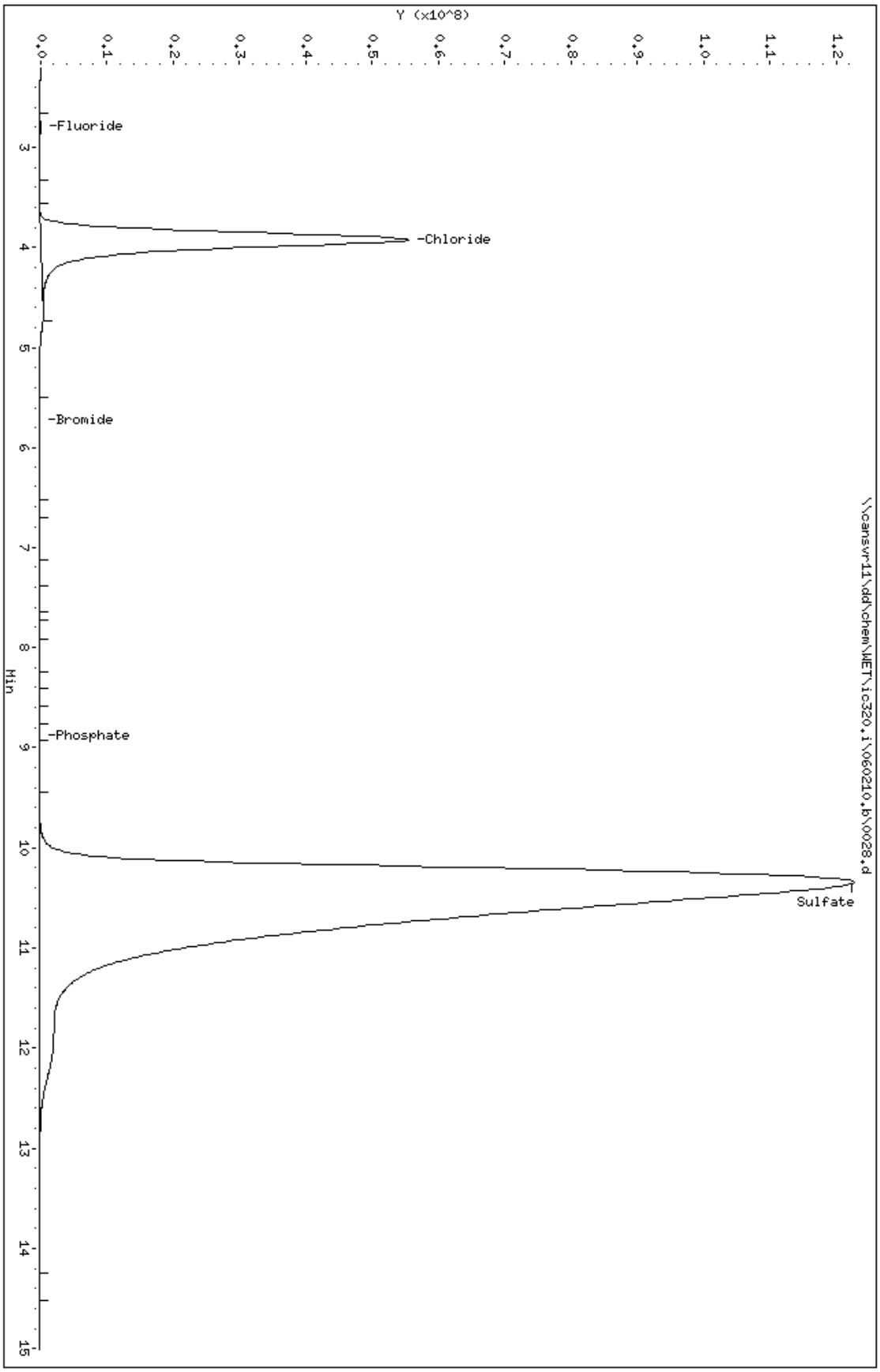
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.800	2.816	-0.016	1003086	0.08684	0.8684
2 Chloride	3.925	3.916	0.009	645358718	66.8931	668.9
3 Nitrite	Compound Not Detected.					
4 Bromide	5.725	5.725	0.000	645845	0.19610	1.961(a)
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.891	8.841	0.050	8431	0.11221	1.122
7 Sulfate	10.341	10.658	-0.317	4302847385	660.645	6606(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: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0028.d
Date : 02-JUN-2010 21:10
Client ID:
Sample Info: L1W6D,10
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\060210.b\0029.d
Report Date: 03-Jun-2010 12:23

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\060210.b\0029.d
Lab Smp Id: L1W6F
Inj Date : 02-JUN-2010 21:27
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W6F,10
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:23 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 10.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	10.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

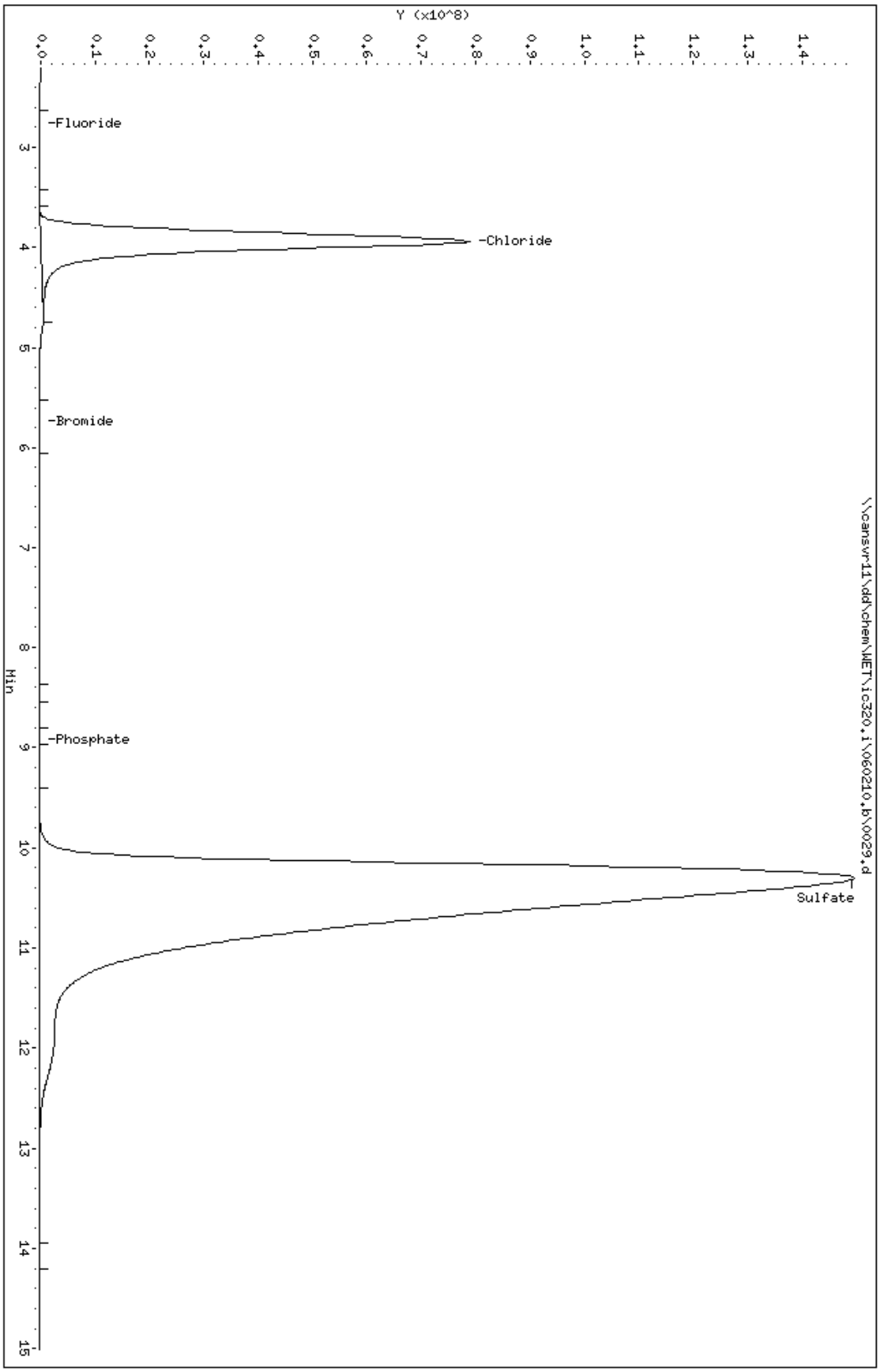
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.766	2.816	-0.050	533724	0.04620	0.4620(a)
2 Chloride	3.941	3.916	0.025	962709277	99.7873	997.9
3 Nitrite	Compound Not Detected.					
4 Bromide	5.741	5.725	0.016	490237	0.14885	1.488(a)
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.933	8.841	0.092	5366	0.10154	1.015
7 Sulfate	10.308	10.658	-0.350	5414425759	831.313	8313(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: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0029.d
Date : 02-JUN-2010 21:27
Client ID:
Sample Info: L1W6F,10
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0030.d
Report Date: 03-Jun-2010 12:31

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0030.d
Lab Smp Id: L1W7G
Inj Date : 02-JUN-2010 21:44
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W7G
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:24 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

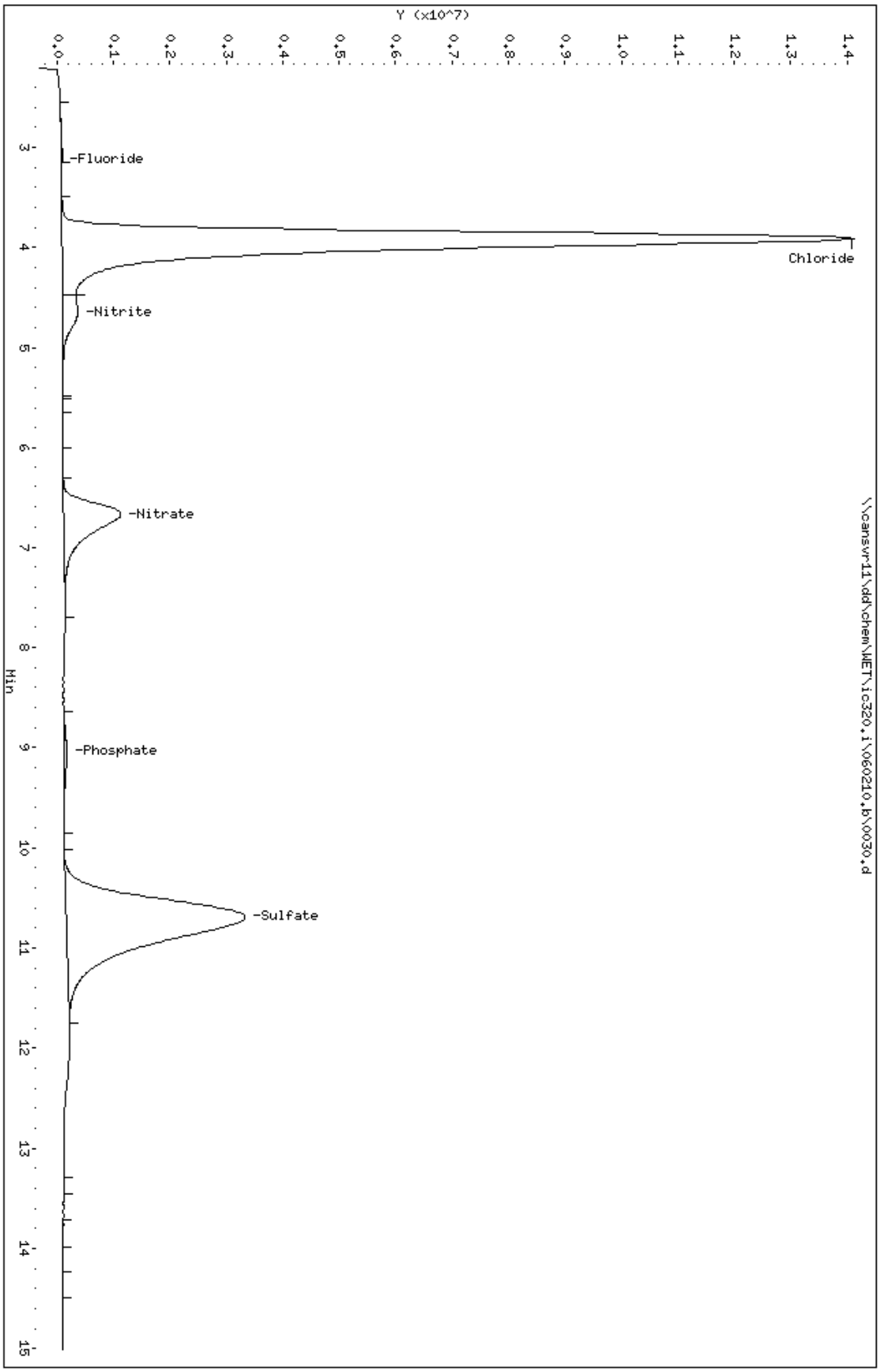
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

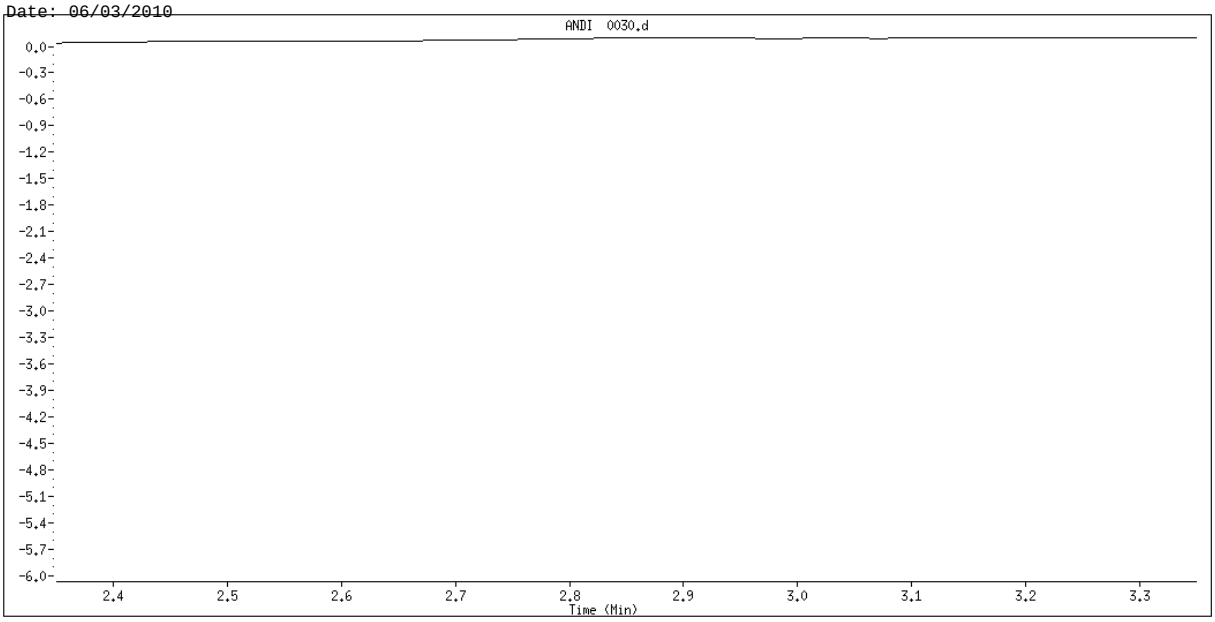
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
2 Chloride	3.908	3.916	-0.008	170821297	17.7061	17.71
3 Nitrite	4.650	4.616	0.034	6259568	0.27504	0.2750
4 Bromide	Compound Not Detected.					
5 Nitrate	6.675	6.650	0.025	21175309	1.12895	1.129
6 Phosphate	9.041	8.841	0.200	54906	0.27393	0.2739
7 Sulfate	10.691	10.658	0.033	95708888	14.6948	14.69

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0030.d
Date : 02-JUN-2010 21:44
Client ID:
Sample Info: L1W7G
Purge Volume: 1.0
Column Phase: AS14

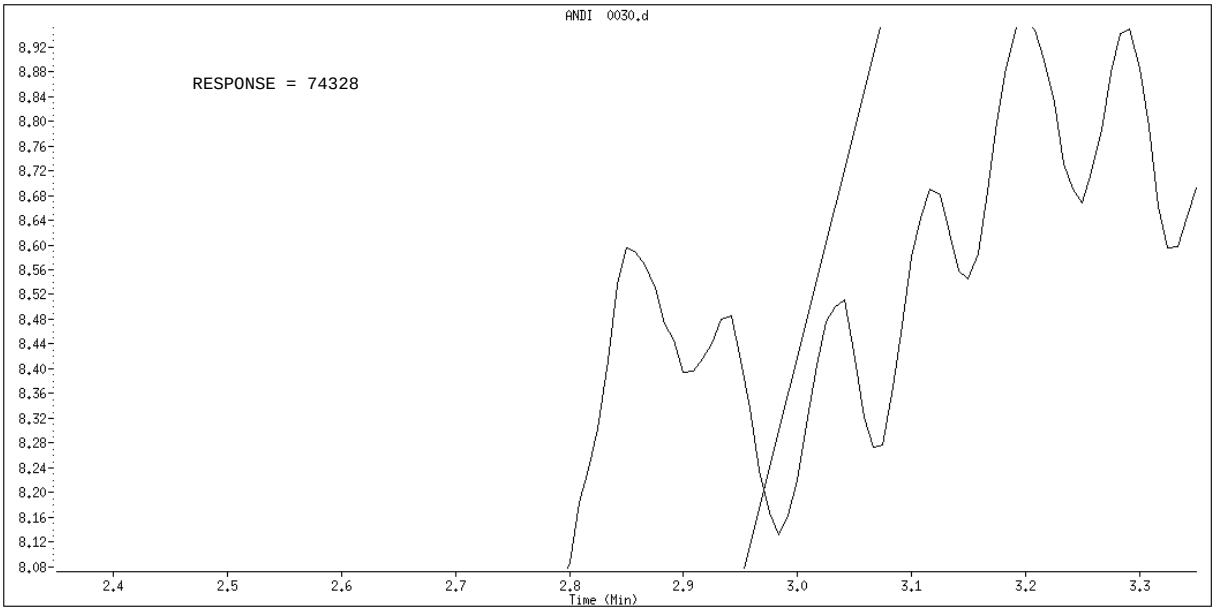
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0030.d
Inj. Date and Time: 02-JUN-2010 21:44
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0031.d
Report Date: 03-Jun-2010 12:32

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0031.d
Lab Smp Id: L1W7V
Inj Date : 02-JUN-2010 22:02
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W7V
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:24 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

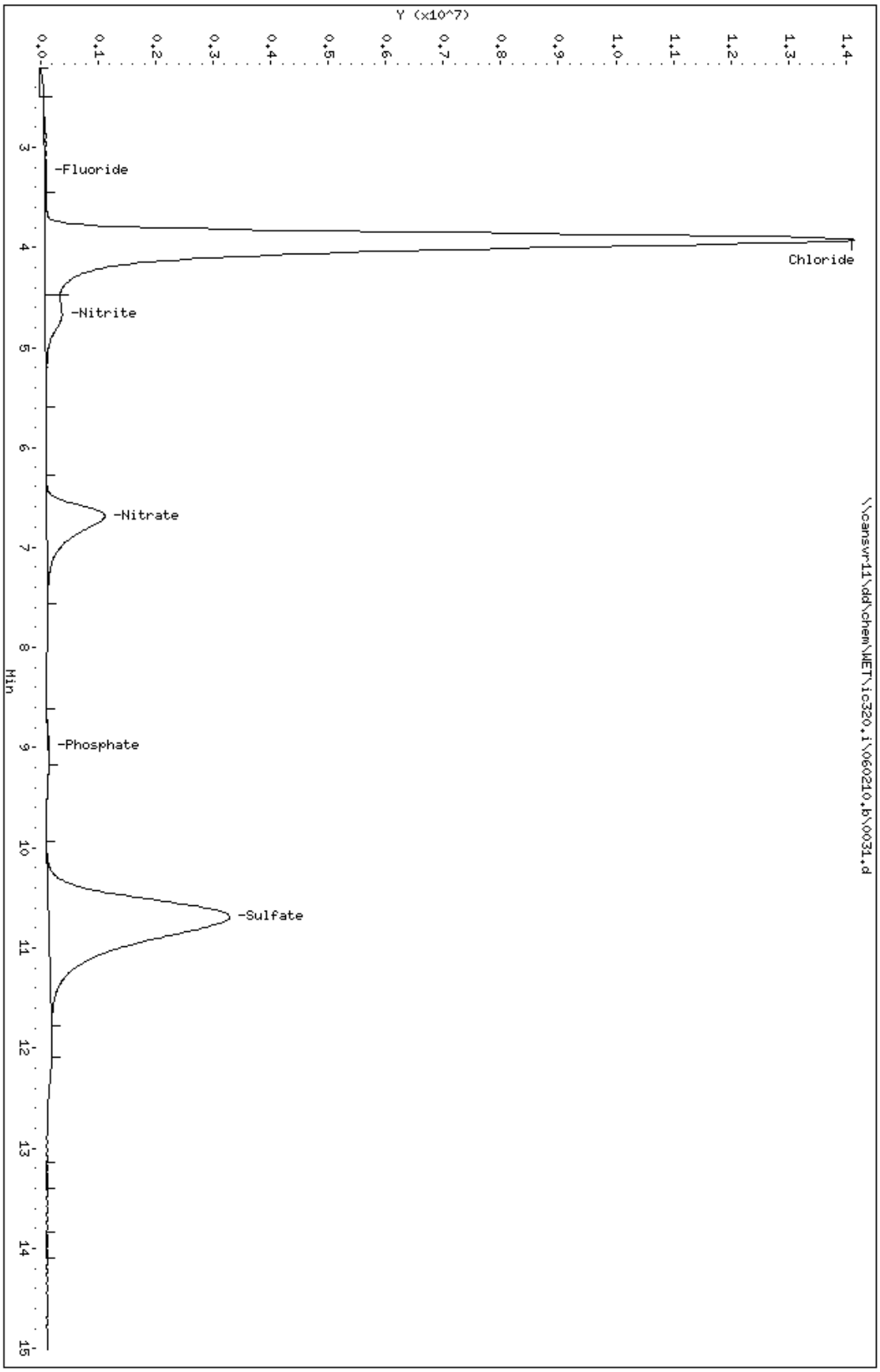
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	3.233	2.816	0.417	1033832	0.08950	0.08950(M)
2 Chloride	3.925	3.916	0.009	172692697	17.9001	17.90(M)
3 Nitrite	4.666	4.616	0.050	6825983	0.29992	0.2999(M)
4 Bromide	Compound Not Detected.					
5 Nitrate	6.691	6.650	0.041	20920824	1.11538	1.115
6 Phosphate	8.983	8.841	0.142	20679	0.15483	0.1548
7 Sulfate	10.691	10.658	0.033	95502336	14.6631	14.66

QC Flag Legend

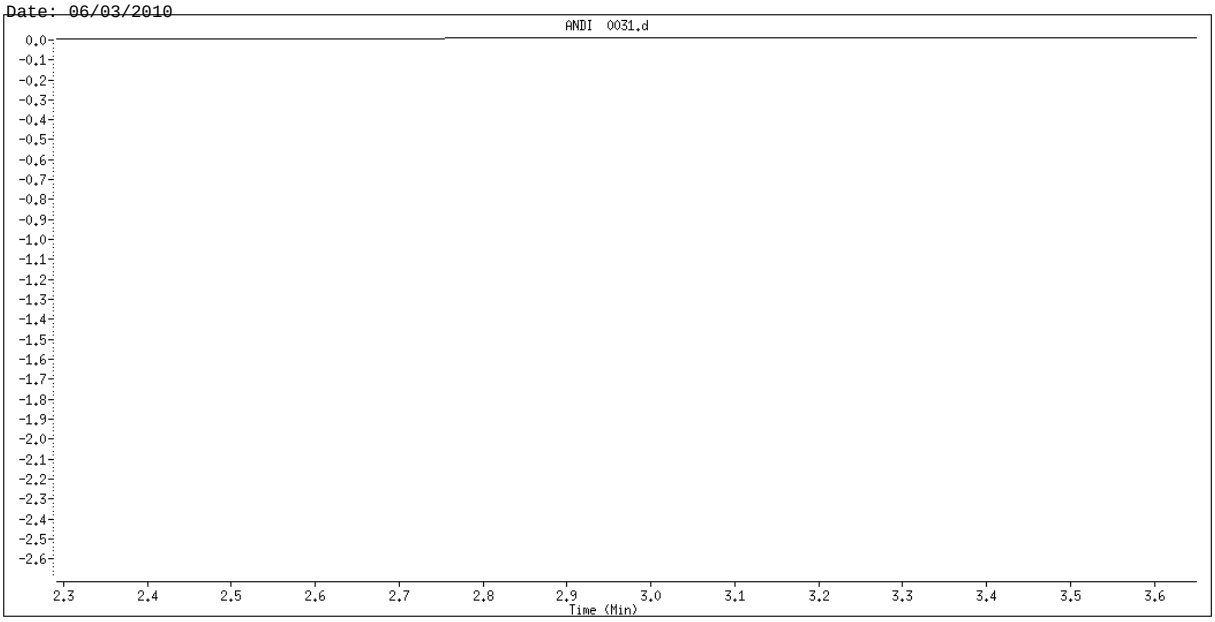
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0031.d
Date : 02-JUN-2010 22:02
Client ID:
Sample Info: L1W7V
Purge Volume: 1.0
Column Phase: AS14

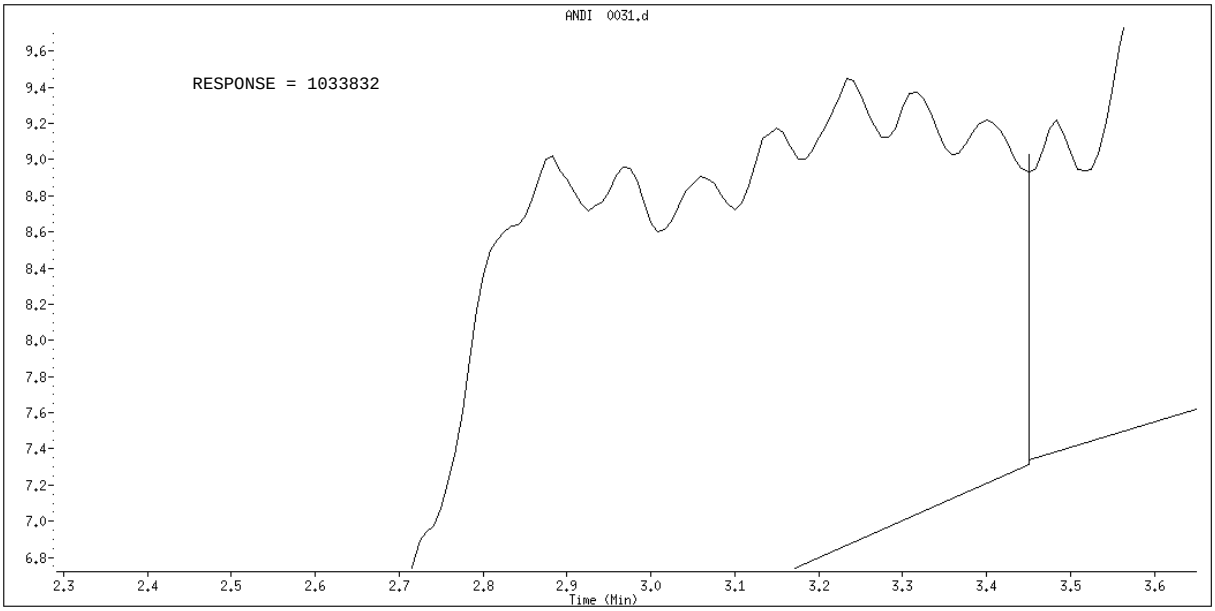
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0031.d
Inj. Date and Time: 02-JUN-2010 22:02
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



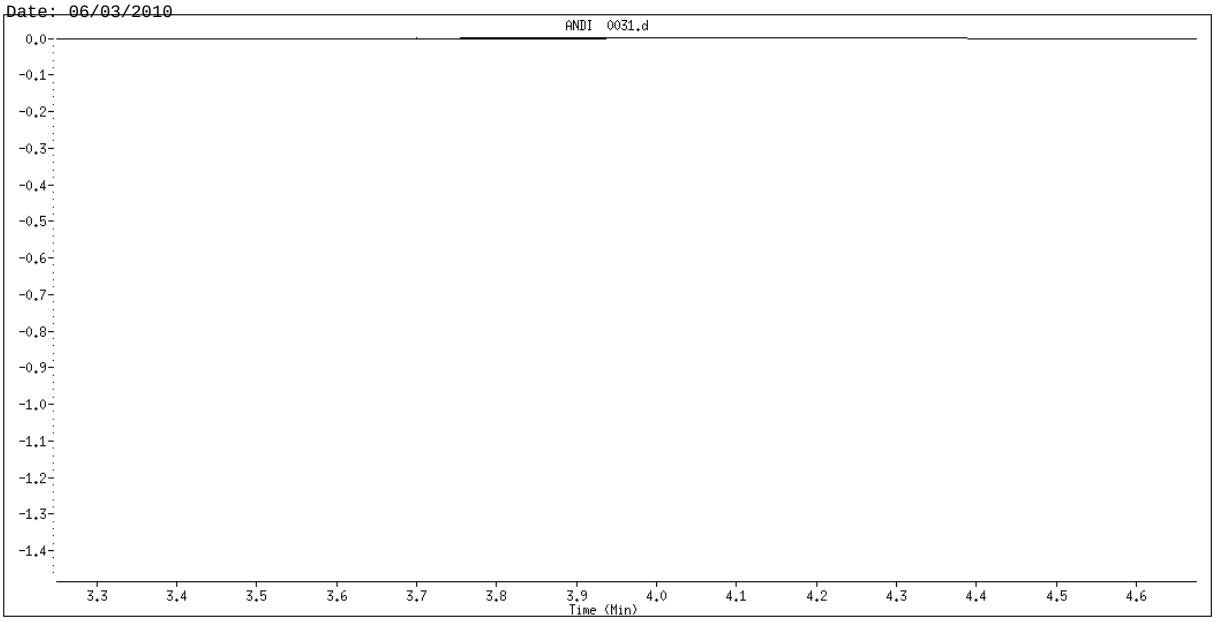
Original Integration



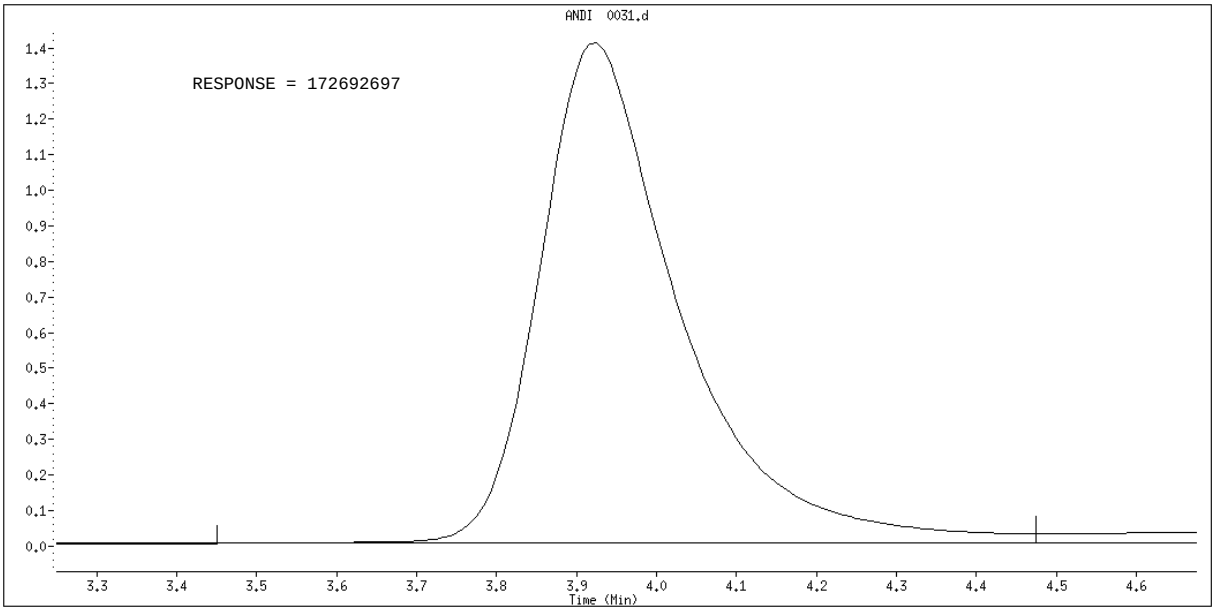
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0031.d
Inj. Date and Time: 02-JUN-2010 22:02
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



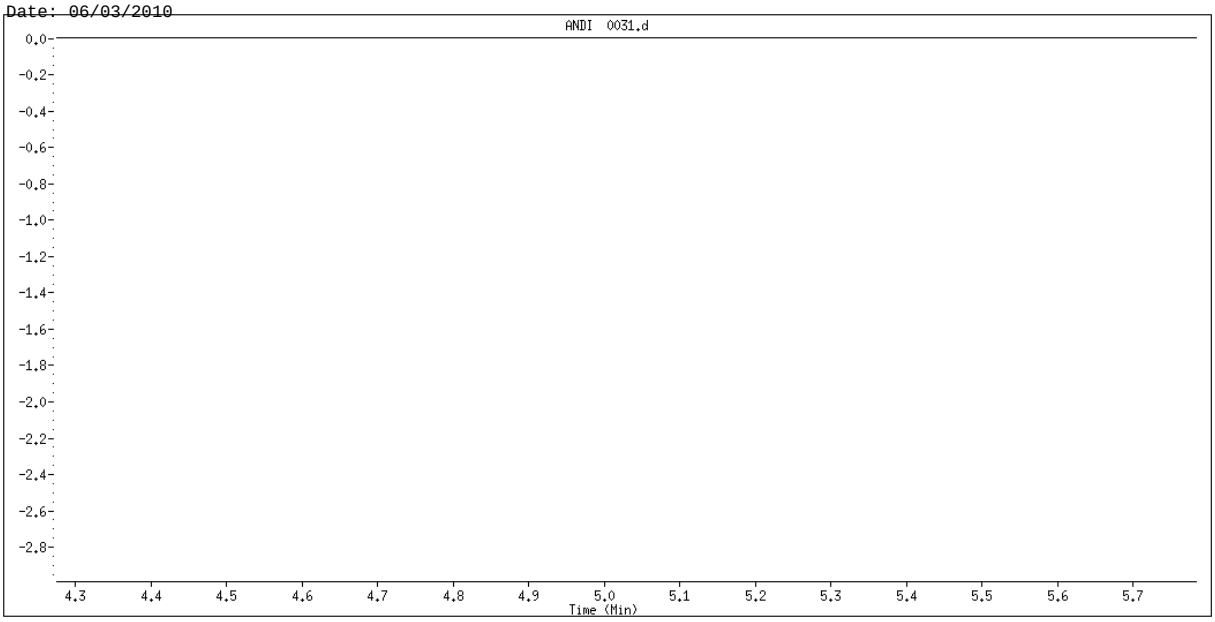
Original Integration



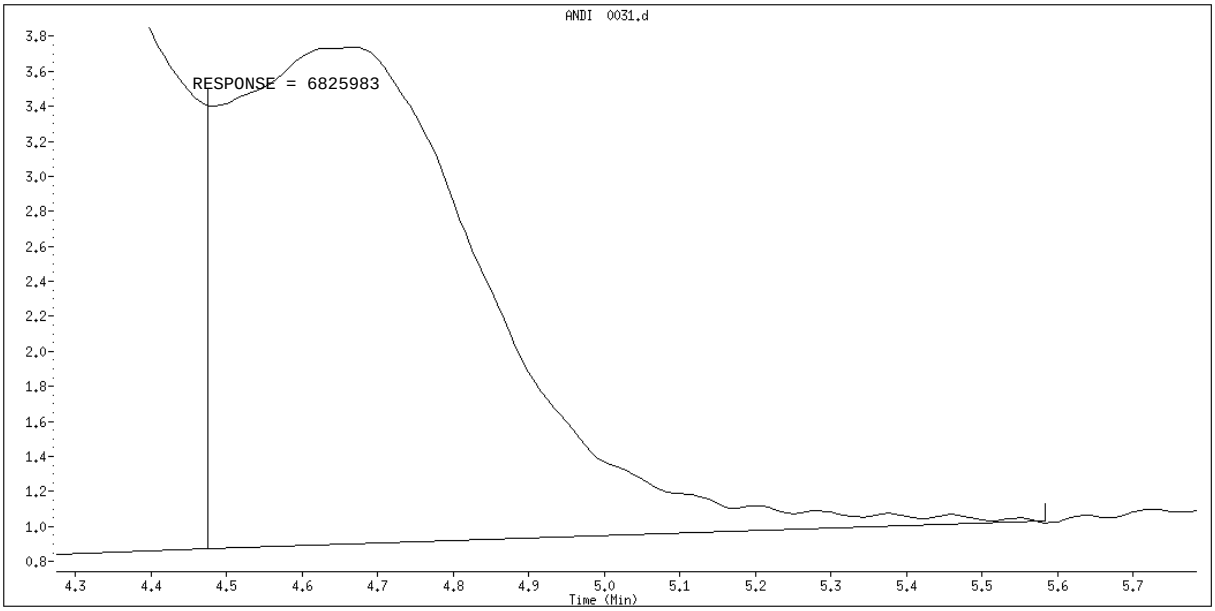
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0031.d
Inj. Date and Time: 02-JUN-2010 22:02
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



Original Integration



Manual Integration

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0032.d
Report Date: 03-Jun-2010 12:32

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0032.d
Lab Smp Id: L1W7X
Inj Date : 02-JUN-2010 22:19
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W7X
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:24 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

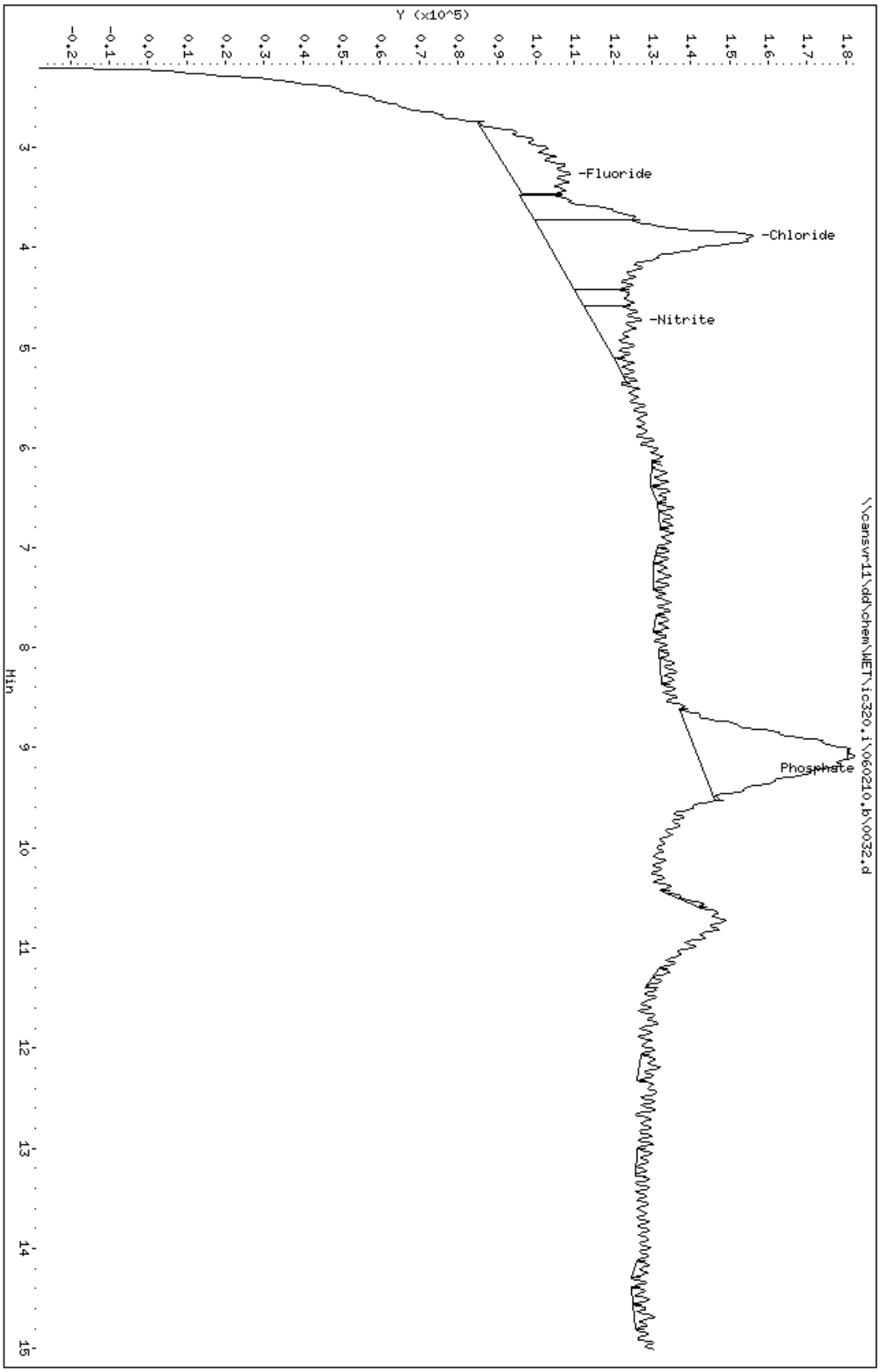
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

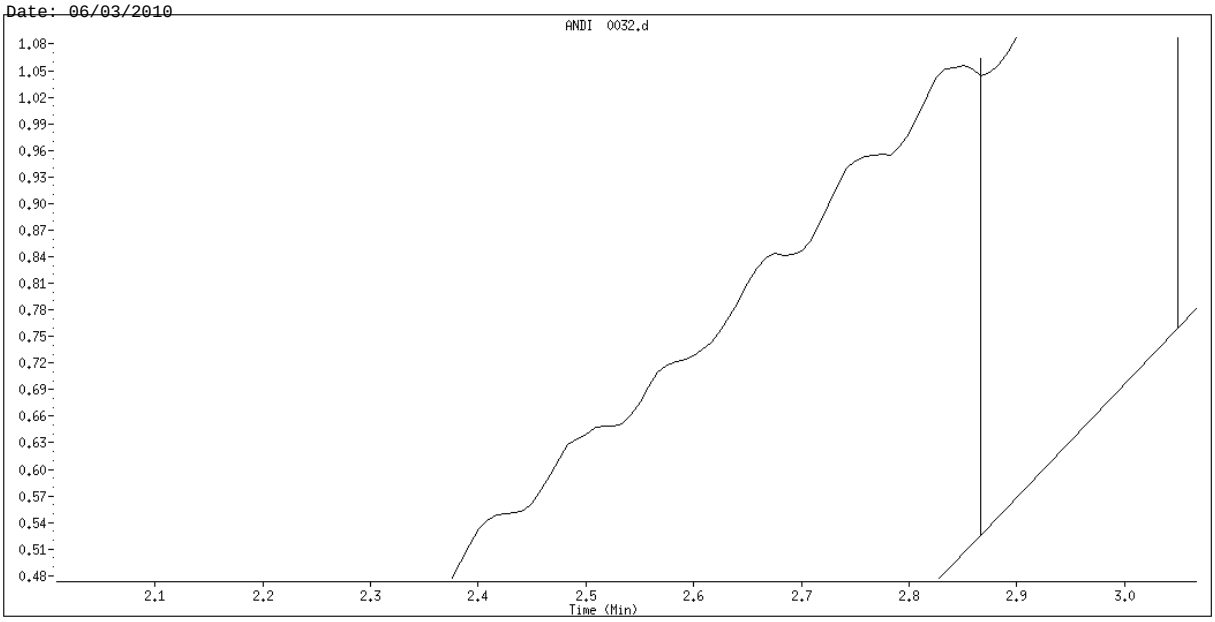
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	3.266	2.816	0.450	474007	0.04103	0.04103(aM)
2 Chloride	3.883	3.916	-0.033	1236776	0.12820	0.1282(aM)
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.016	8.841	0.175	40091	0.22238	0.2224
7 Sulfate	Compound Not Detected.					

QC Flag Legend

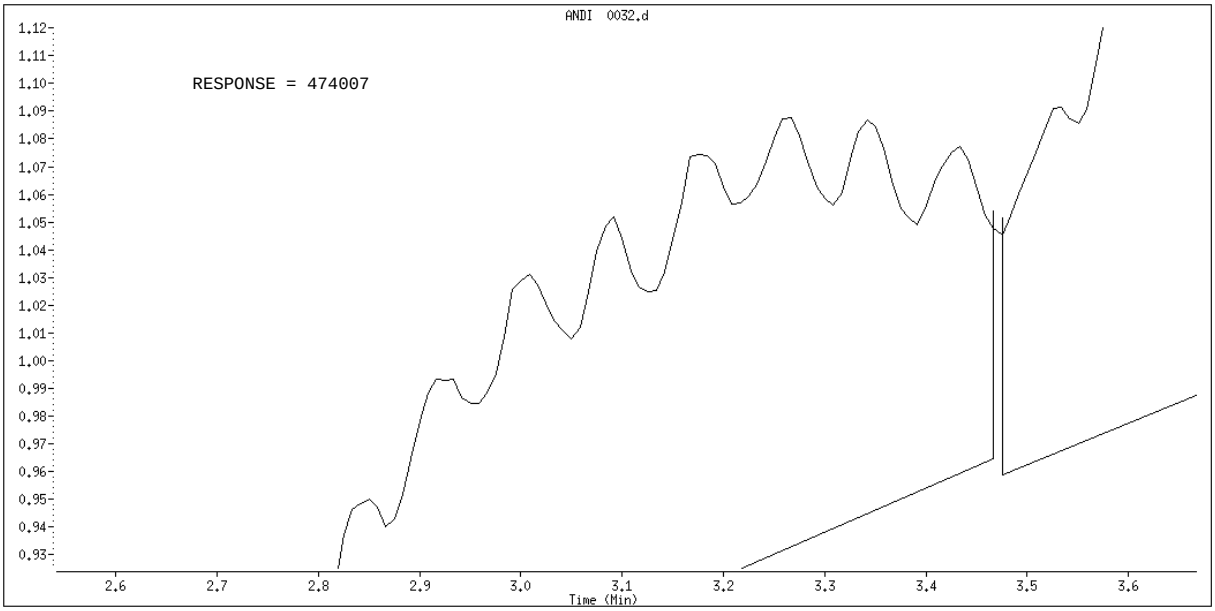
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0032.d
Date : 02-JUN-2010 22:19
Client ID:
Sample Info: L1W7X
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0032.d
Y (x10^5)
-Fluoride
-Chloride
-Nitrite
Phosphate
Min

Data File Name: 0032.d
Inj. Date and Time: 02-JUN-2010 22:19
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



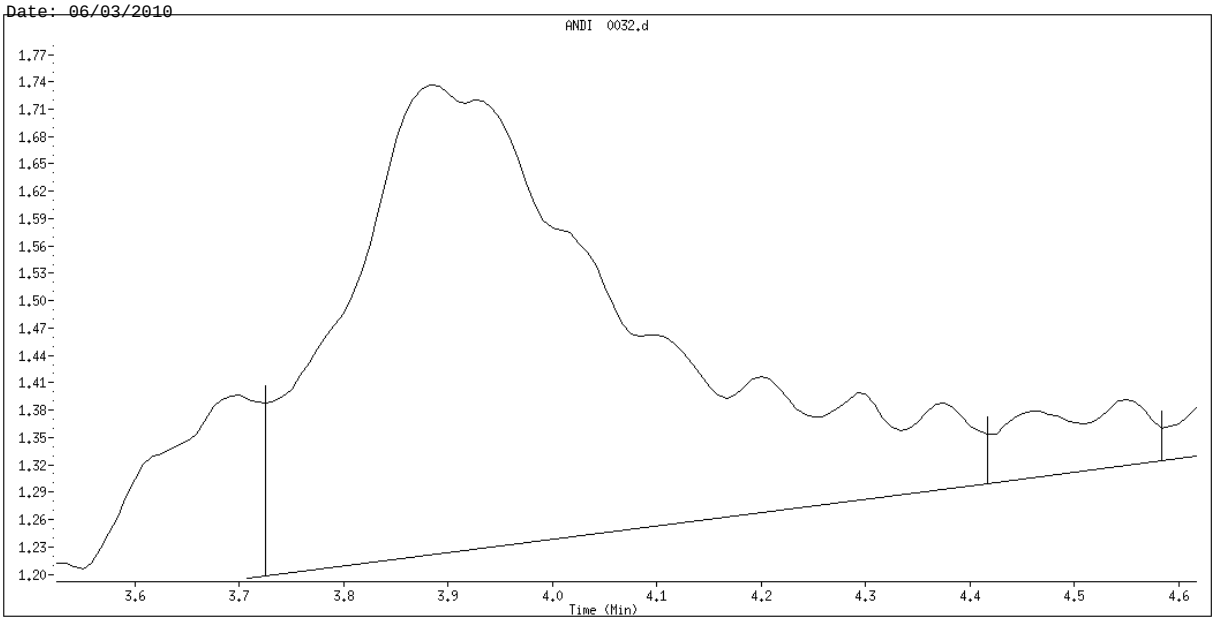
Original Integration



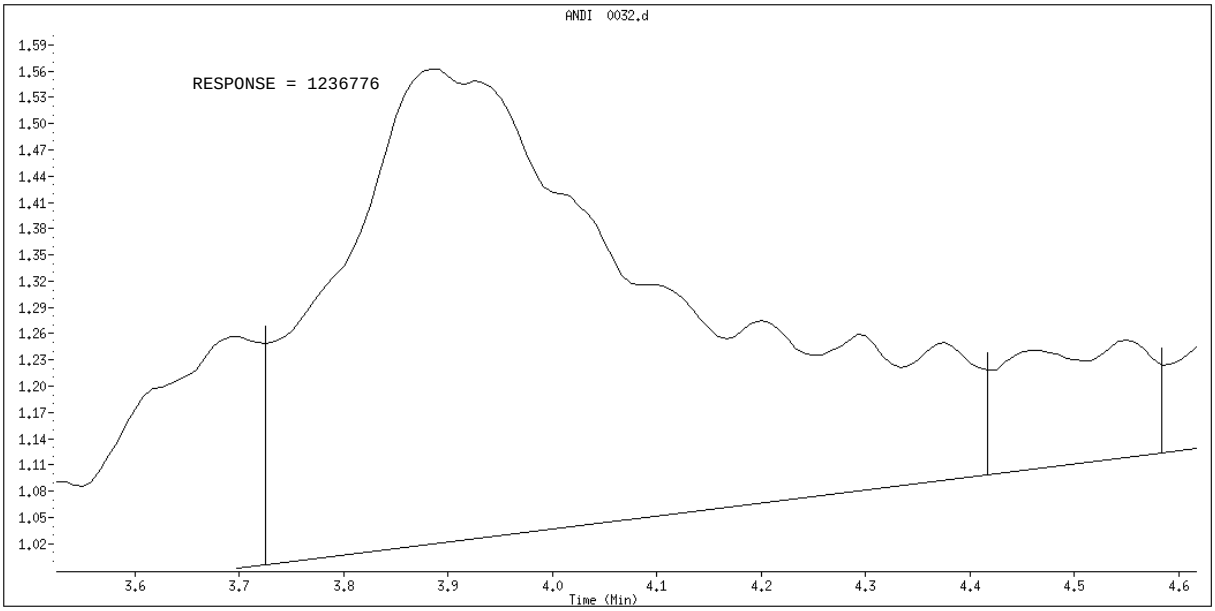
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0032.d
Inj. Date and Time: 02-JUN-2010 22:19
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



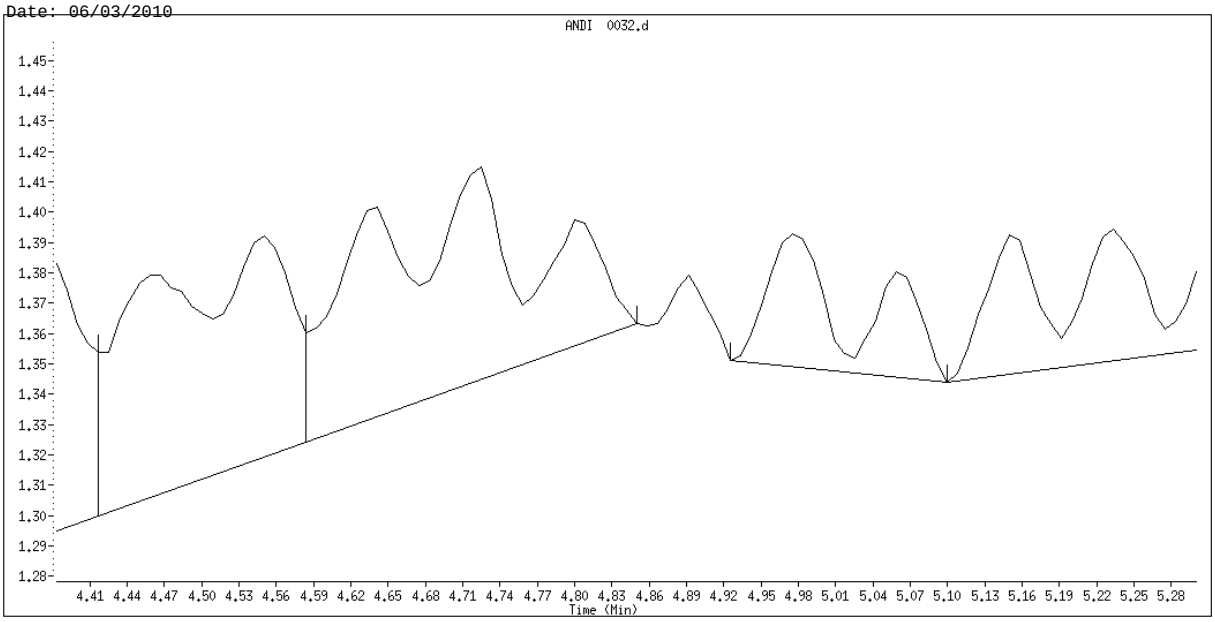
Original Integration



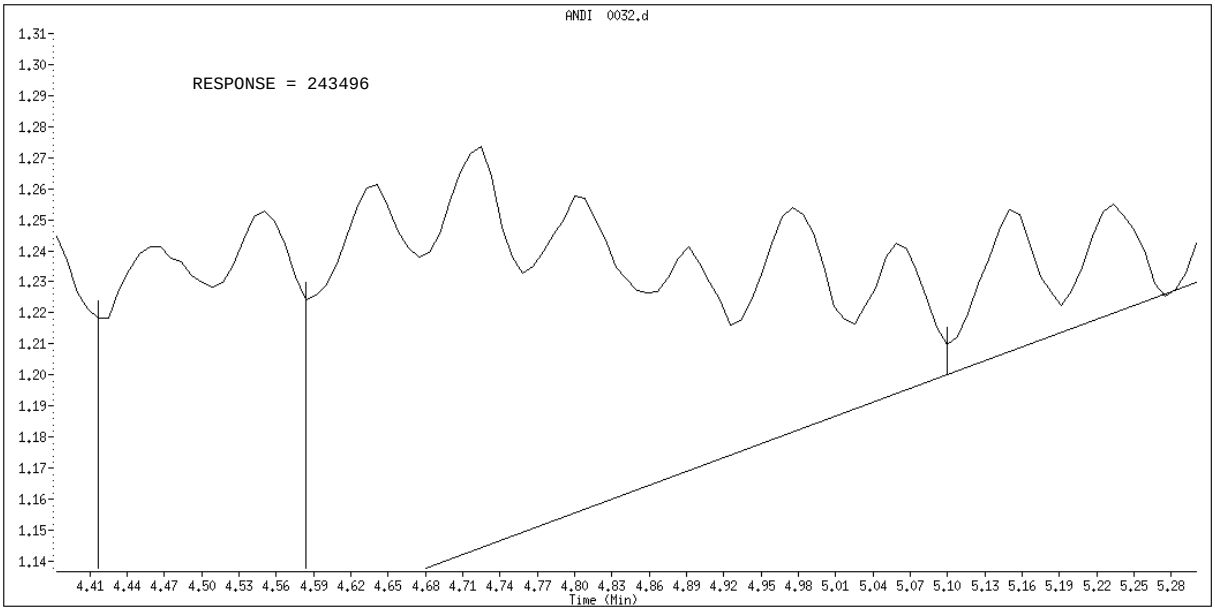
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0032.d
Inj. Date and Time: 02-JUN-2010 22:19
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



Original Integration



Manual Integration

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0033.d
Report Date: 03-Jun-2010 12:33

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0033.d
Lab Smp Id: L1W71 ORG
Inj Date : 02-JUN-2010 22:37
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W71 ORG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:24 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

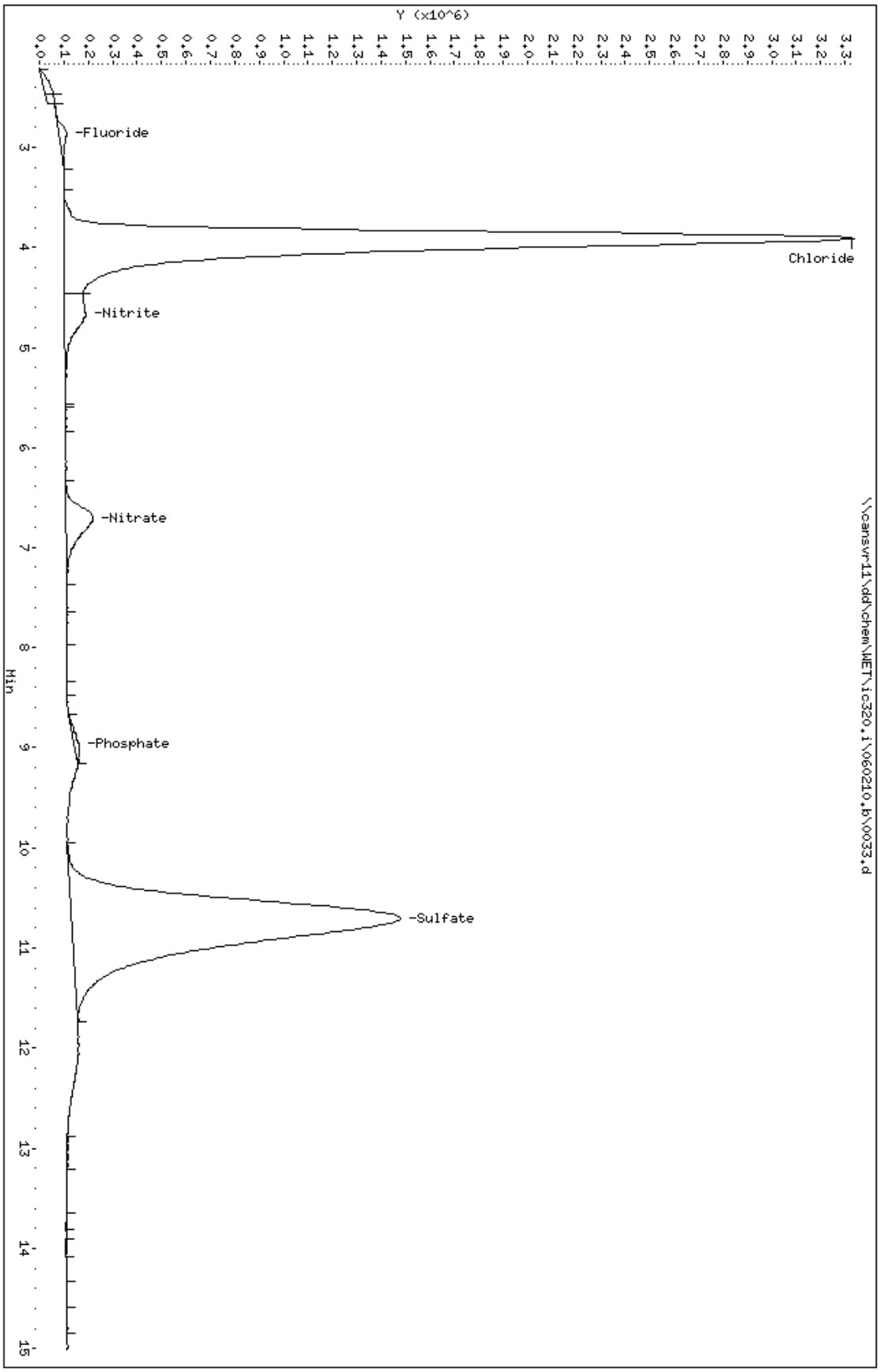
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.866	2.816	0.050	382855	0.03314	0.03314(aM)
2 Chloride	3.908	3.916	-0.008	42566094	4.41209	4.412
3 Nitrite	4.666	4.616	0.050	2143702	0.09419	0.09419
4 Bromide	Compound Not Detected.					
5 Nitrate	6.725	6.650	0.075	2356139	0.12562	0.1256
6 Phosphate	8.975	8.841	0.134	20656	0.15475	0.1547
7 Sulfate	10.708	10.658	0.050	40898022	6.27935	6.279

QC Flag Legend

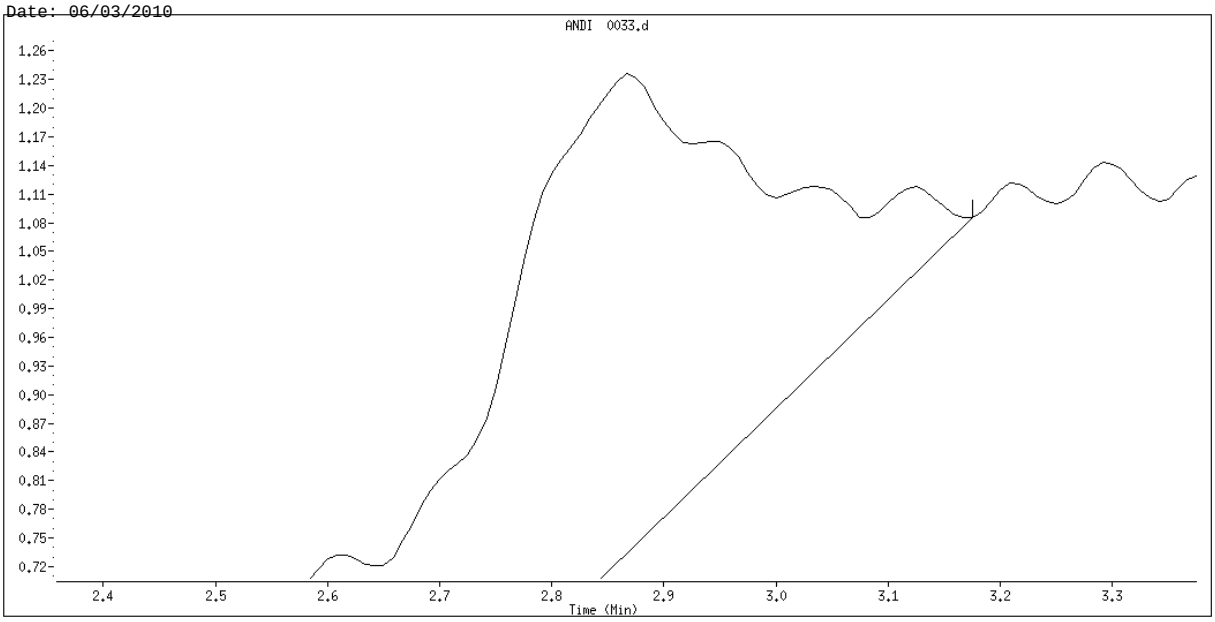
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0033.d
Date : 02-JUN-2010 22:37
Client ID:
Sample Info: L1W71 ORG
Purge Volume: 1.0
Column Phase: AS14

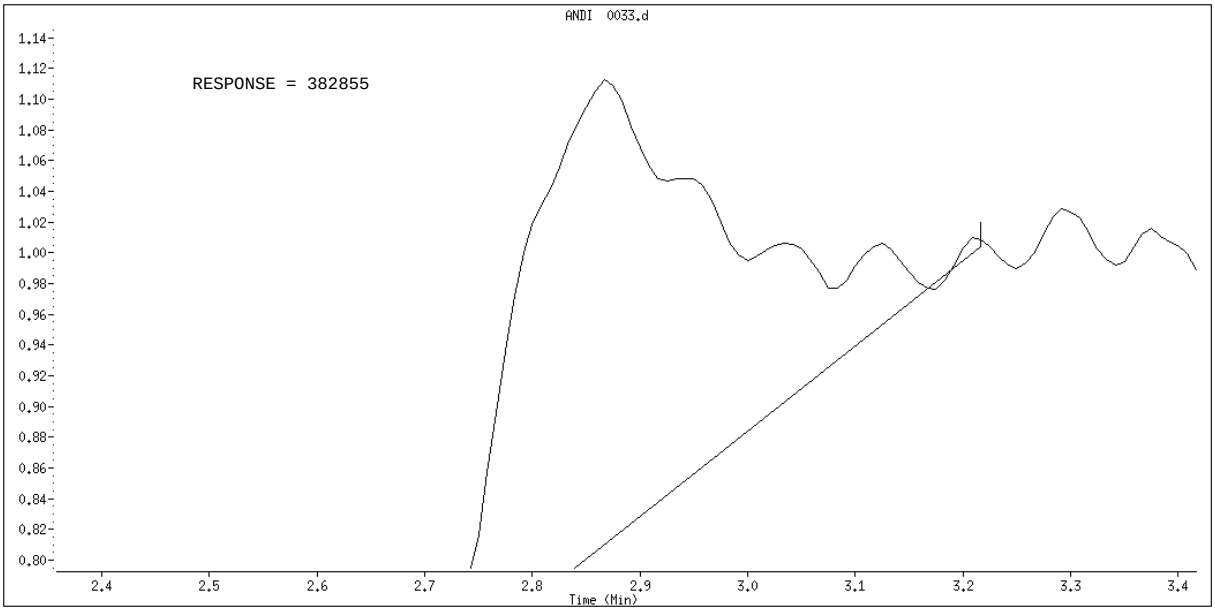
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0033.d
Inj. Date and Time: 02-JUN-2010 22:37
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic320.i\060210.b\0034.d
Report Date: 03-Jun-2010 12:23

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\060210.b\0034.d
Lab Smp Id: L1W71 MS
Inj Date : 02-JUN-2010 22:54
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W71 MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:23 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

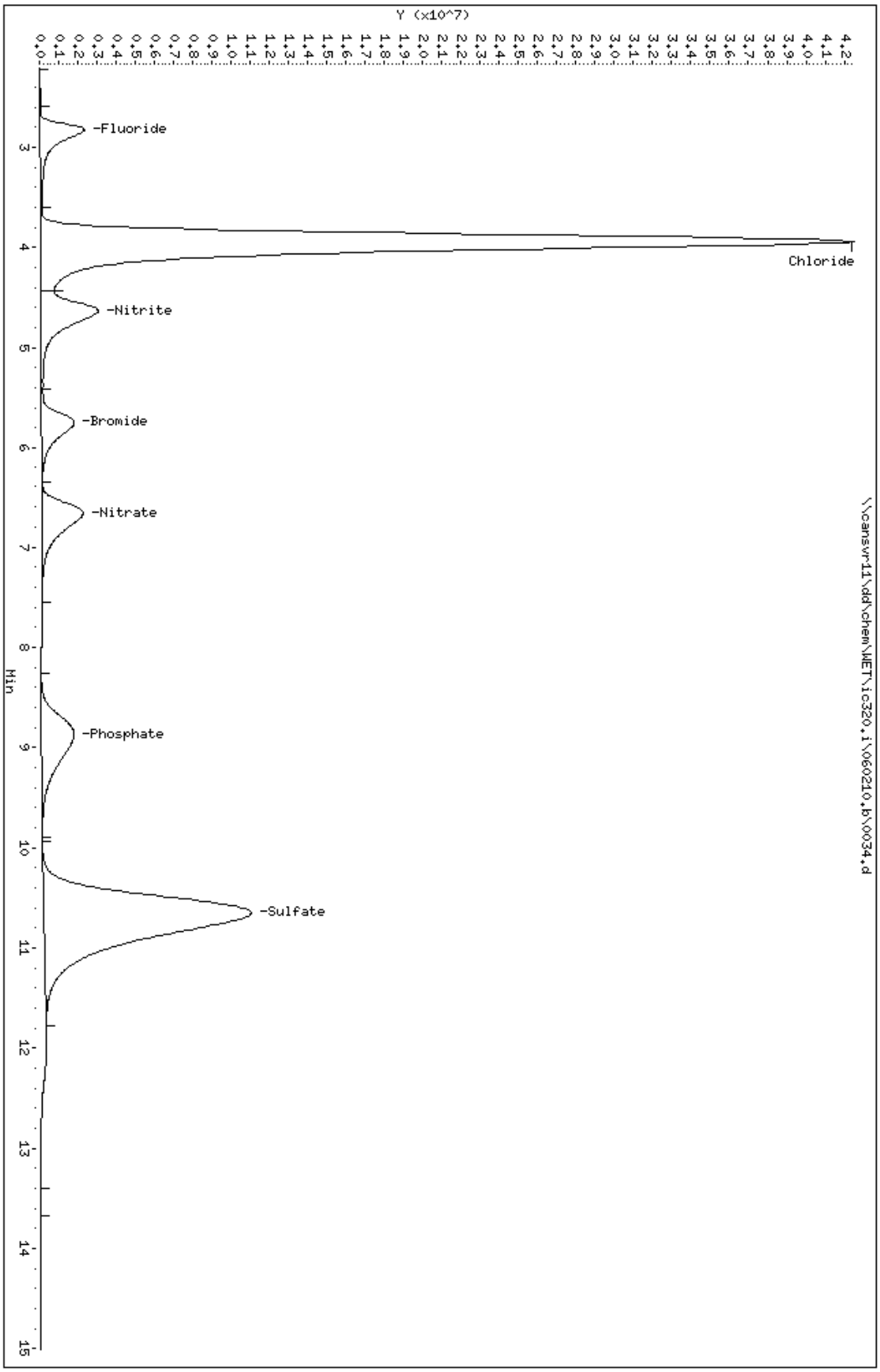
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	33240512	2.87763	2.878(R)
2 Chloride	3.941	3.916	0.025	505468938	52.3932	52.39
3 Nitrite	4.633	4.616	0.017	55049907	2.41882	2.419
4 Bromide	5.741	5.725	0.016	31678097	9.61838	9.618
5 Nitrate	6.666	6.650	0.016	44647793	2.38037	2.380
6 Phosphate	8.875	8.841	0.034	1682532	5.93792	5.938(R)
7 Sulfate	10.650	10.658	-0.008	316178358	48.5450	48.54

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0034.d
Date : 02-JUN-2010 22:54
Client ID:
Sample Info: L1W71 MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic320.i\060210.b\0035.d
Report Date: 03-Jun-2010 12:24

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic320.i\060210.b\0035.d
Lab Smp Id: L1W71 MSD
Inj Date : 02-JUN-2010 23:11
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W71 MSD,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:23 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

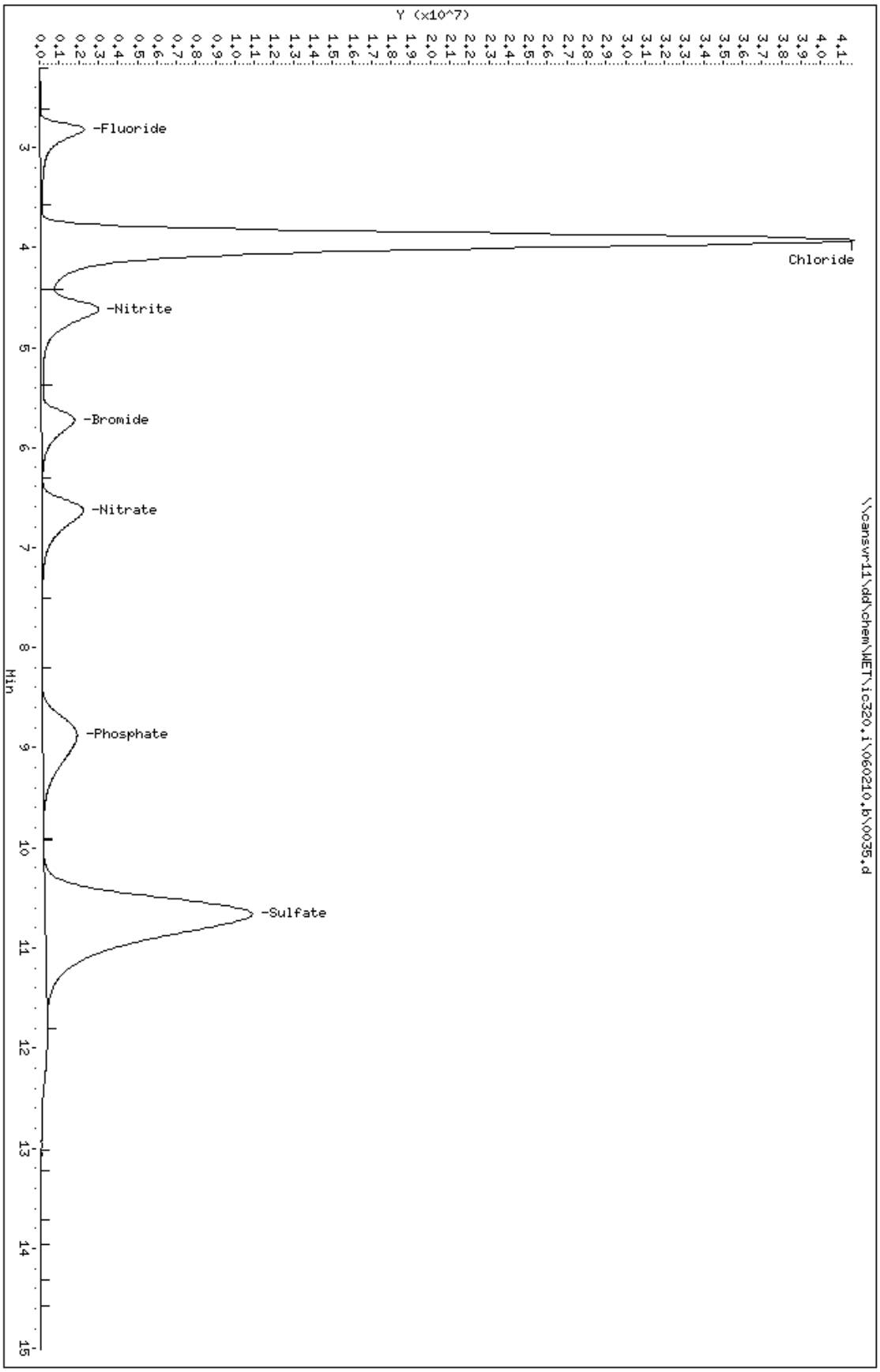
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	32521900	2.81542	2.815(R)
2 Chloride	3.925	3.916	0.009	494657555	51.2726	51.27
3 Nitrite	4.616	4.616	0.000	54263276	2.38426	2.384
4 Bromide	5.725	5.725	0.000	30825430	9.35948	9.359
5 Nitrate	6.633	6.650	-0.017	43852949	2.33800	2.338
6 Phosphate	8.875	8.841	0.034	1788991	6.30839	6.308(R)
7 Sulfate	10.666	10.658	0.008	310475760	47.6694	47.67

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0035.d
Date : 02-JUN-2010 23:11
Client ID:
Sample Info: L1W71 MSD,.3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0036.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0036.d
Lab Smp Id: L1W75
Inj Date : 02-JUN-2010 23:29
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W75
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 12:24 scotts Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

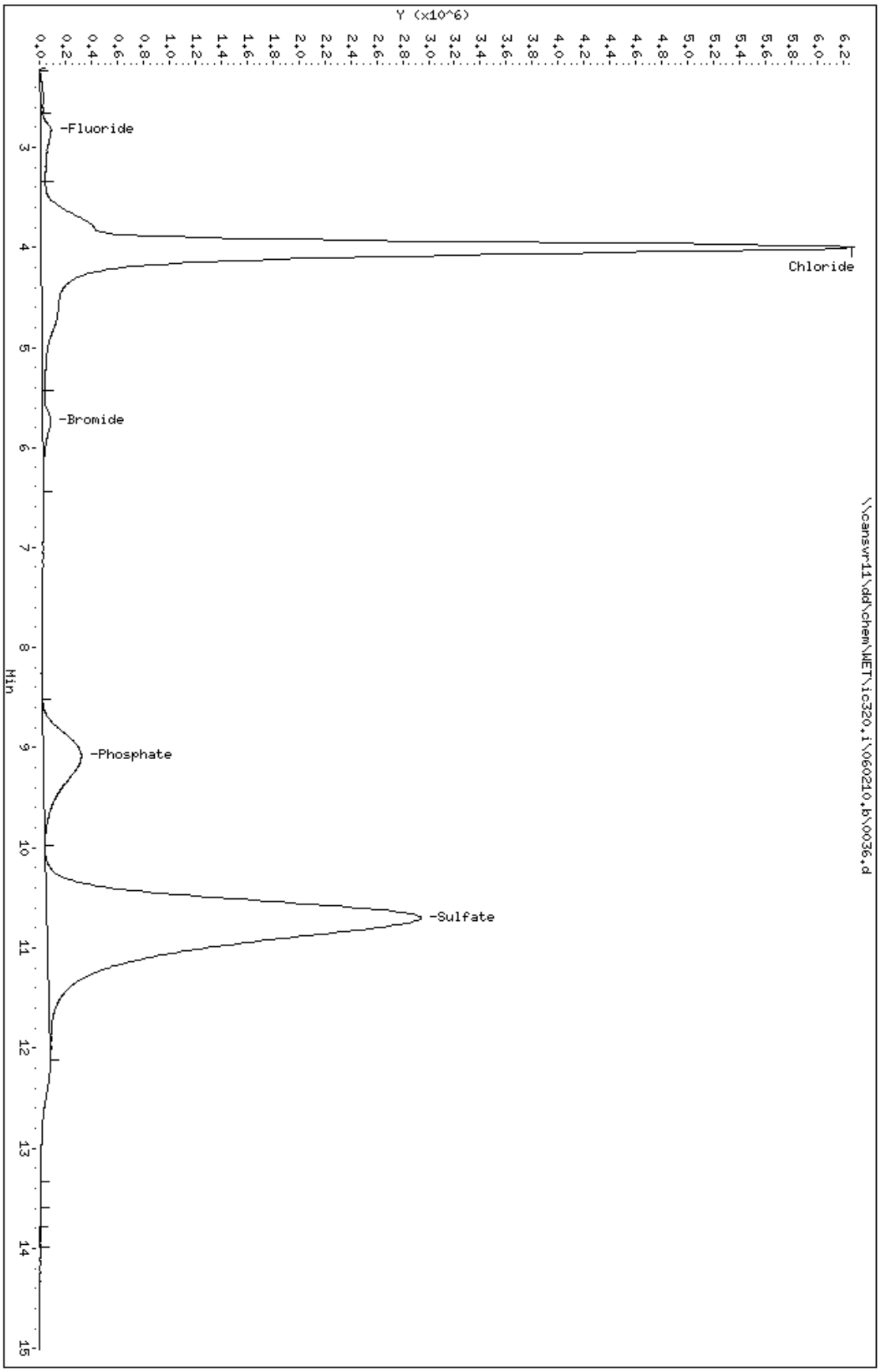
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	2104218	0.18216	0.1822
2 Chloride	4.000	3.916	0.084	74519048	7.72409	7.724
3 Nitrite	Compound Not Detected.					
4 Bromide	5.725	5.725	0.000	1482738	0.45020	0.4502
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.083	8.841	0.242	295787	1.11218	1.112
7 Sulfate	10.700	10.658	0.042	88657720	13.6122	13.61

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0036.d
Date : 02-JUN-2010 23:29
Client ID:
Sample Info: L1W75
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0037.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 02-JUN-2010 23:46
Lab File ID: 0037.d Init. Cal. Date(s): 02-JUN-2010 02-JUN-2010
Analysis Type: WATER Init. Cal. Times: 13:37 15:56
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	11551330	11323417	11323417	0.010	1.97305	10.00000	Averaged
2 Chloride	9647610	9801587	9801587	0.010	-1.59602	10.00000	Averaged
3 Nitrite	22758984	21708379	21708379	0.010	4.61622	10.00000	Averaged
4 Bromide	3293497	3239510	3239510	0.010	1.63921	10.00000	Averaged
5 Nitrate	18756625	18231896	18231896	0.010	2.79756	10.00000	Averaged
6 Phosphate	2.50000	2.72525	303731	0.010	-9.01013	10.00000	Linear
7 Sulfate	6513100	6408360	6408360	0.010	1.60814	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0037.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0037.d
Lab Smp Id: CCV
Inj Date : 02-JUN-2010 23:46
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

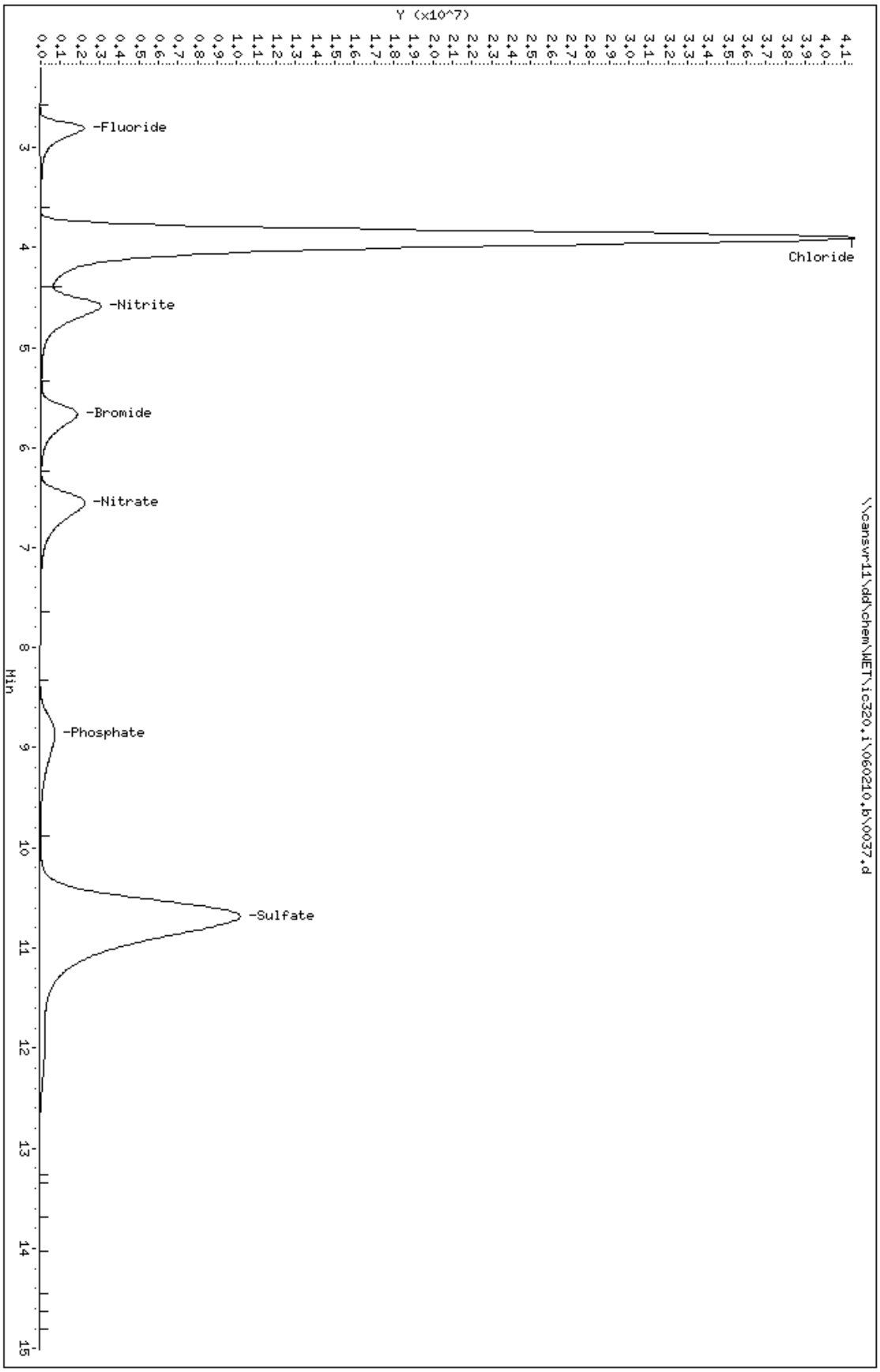
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	28308542	2.50000	2.451
2 Chloride	3.900	3.900	0.000	490079366	50.0000	50.80
3 Nitrite	4.583	4.583	0.000	54270948	2.50000	2.384
4 Bromide	5.658	5.658	0.000	32395095	10.0000	9.836
5 Nitrate	6.558	6.558	0.000	45579741	2.50000	2.430
6 Phosphate	8.866	8.866	0.000	759327	2.50000	2.725
7 Sulfate	10.691	10.691	0.000	320418016	50.0000	49.20

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0037.d
Date : 02-JUN-2010 23:46
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0038.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

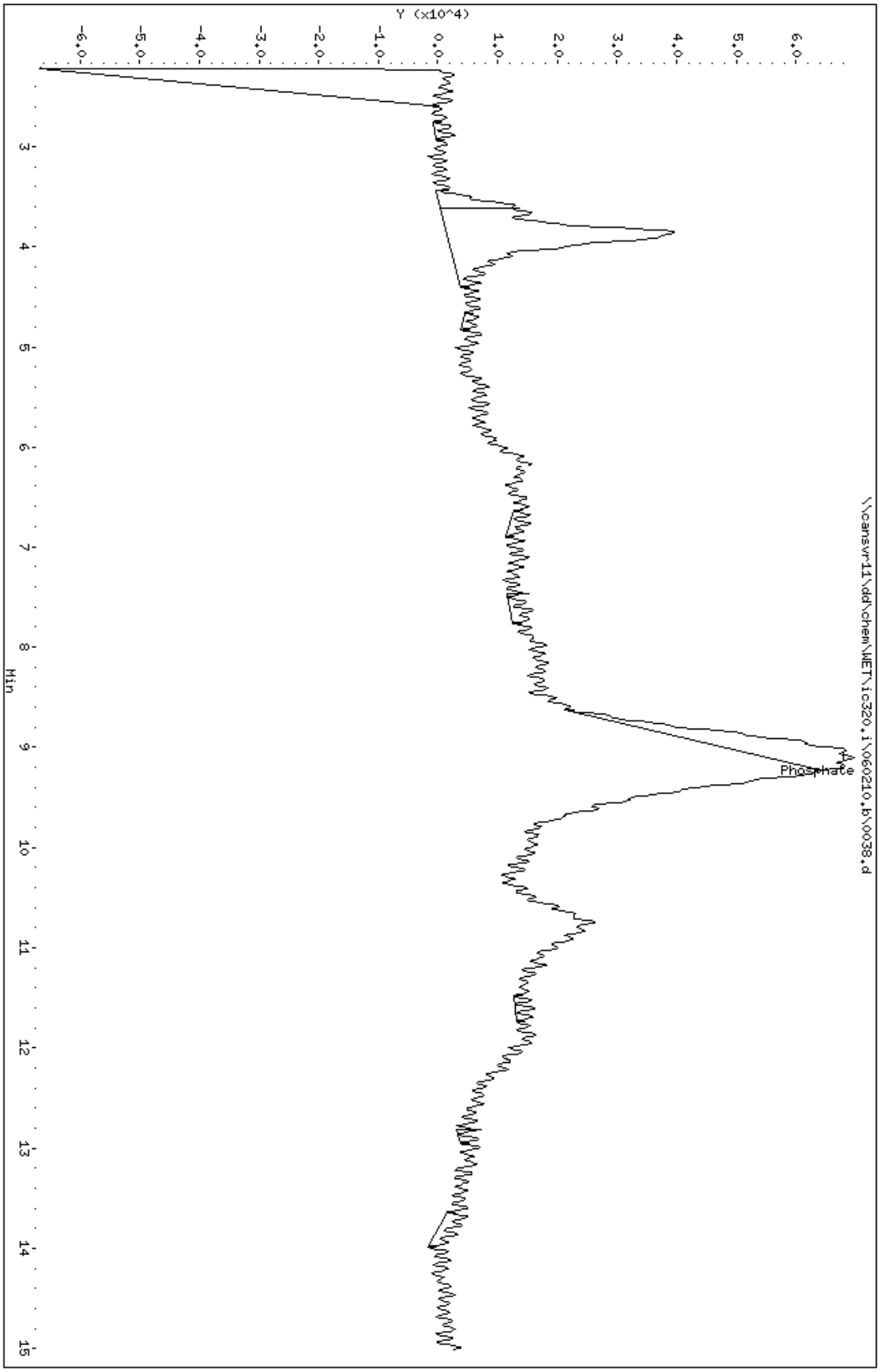
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0038.d
Lab Smp Id: CCB
Inj Date : 03-JUN-2010 00:04
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.033	8.866	0.167	18699	0.14794	0.1479
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0038.d
Date : 03-JUN-2010 00:04
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0038.d
Phosphate
Y (x10^4)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
3
4
5
6
7
8
9
10
11
12
13
14
15
Min

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0039.d
Report Date: 03-Jun-2010 14:59

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0039.d
Lab Smp Id: L1W8R
Inj Date : 03-JUN-2010 00:21
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W8R
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

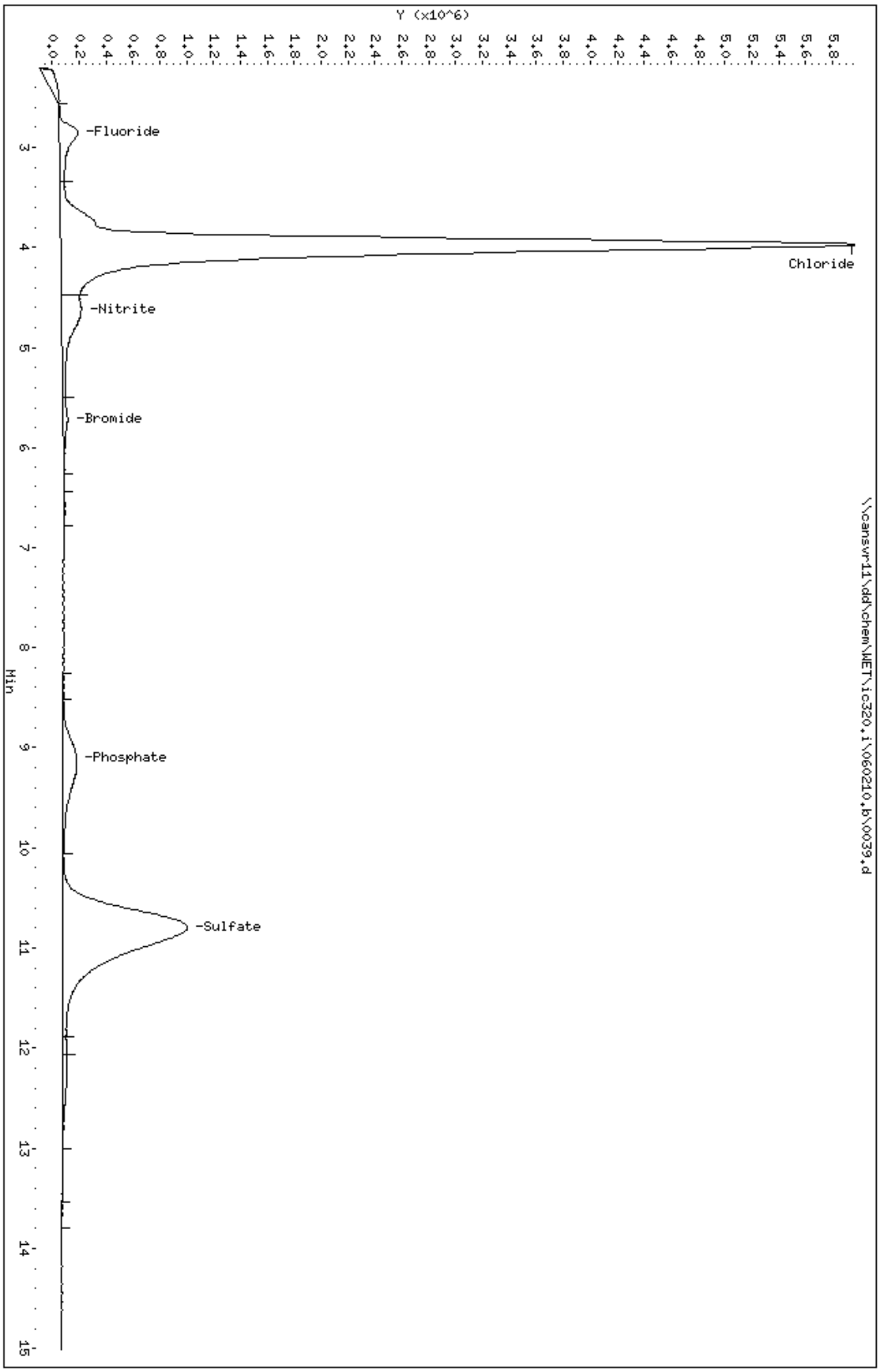
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.850	2.816	0.034	2549375	0.22070	0.2207(M)
2 Chloride	3.966	3.941	0.025	68779126	7.12914	7.129(M)
3 Nitrite	4.616	4.633	-0.017	4132659	0.18158	0.1816(M)
4 Bromide	5.708	5.750	-0.042	811966	0.24654	0.2465(M)
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.108	8.800	0.308	101240	0.43517	0.4352
7 Sulfate	10.800	10.658	0.142	29325288	4.50251	4.502

QC Flag Legend

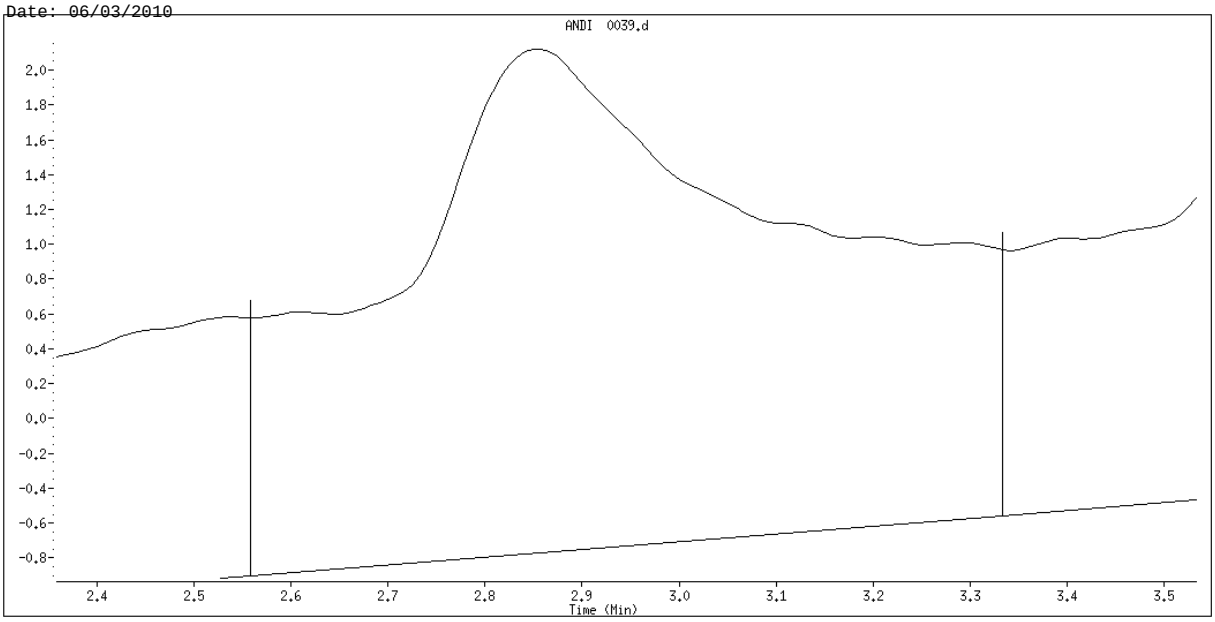
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0039.d
Date : 03-JUN-2010 00:21
Client ID:
Sample Info: L1WGR
Purge Volume: 1.0
Column Phase: AS14

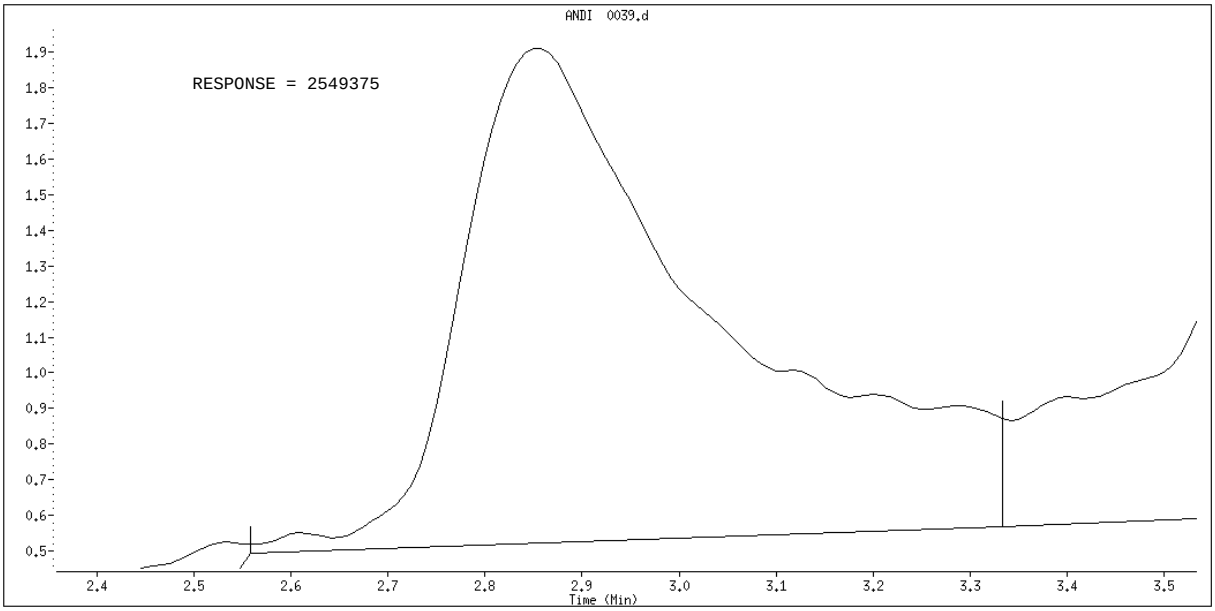
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0039.d
Inj. Date and Time: 03-JUN-2010 00:21
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



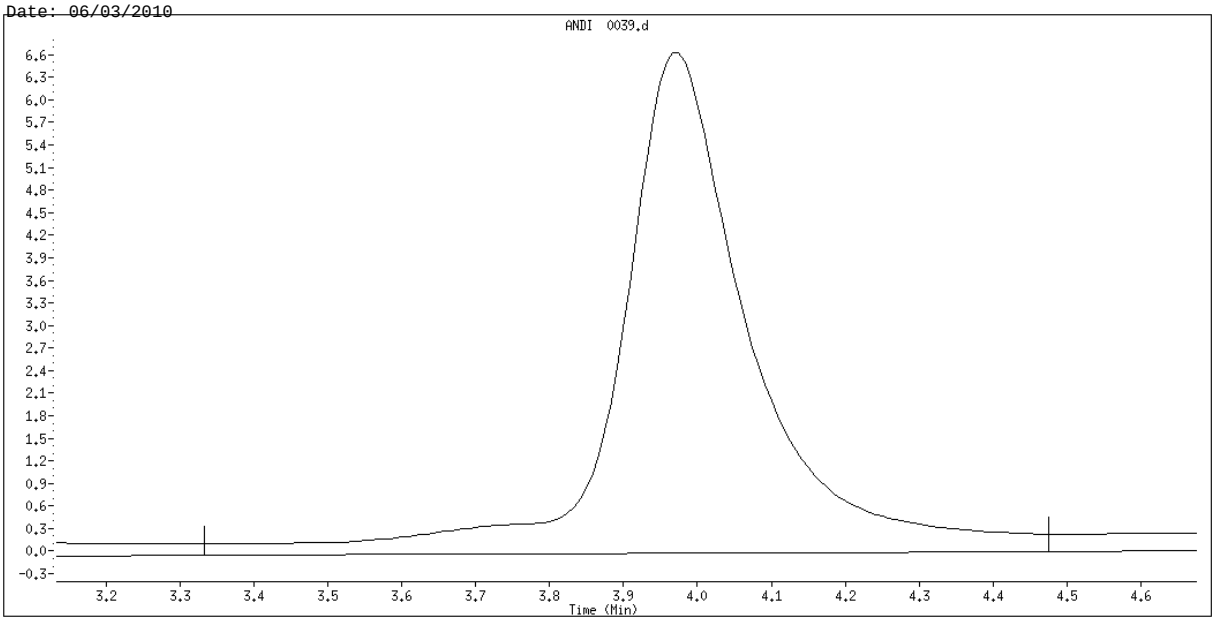
Original Integration



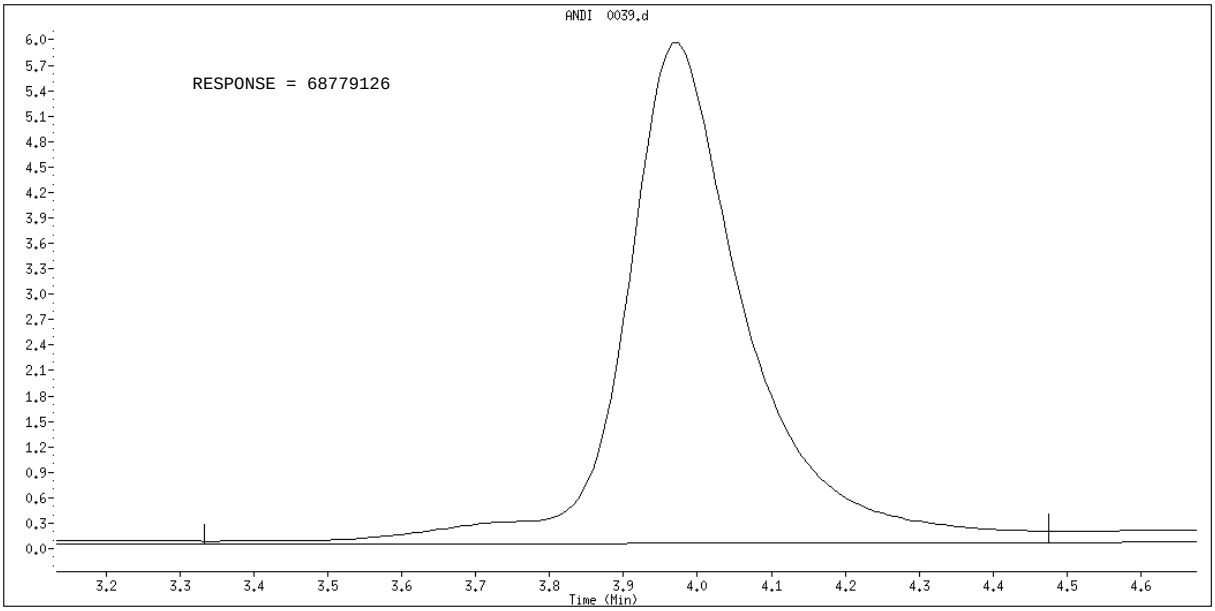
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0039.d
Inj. Date and Time: 03-JUN-2010 00:21
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



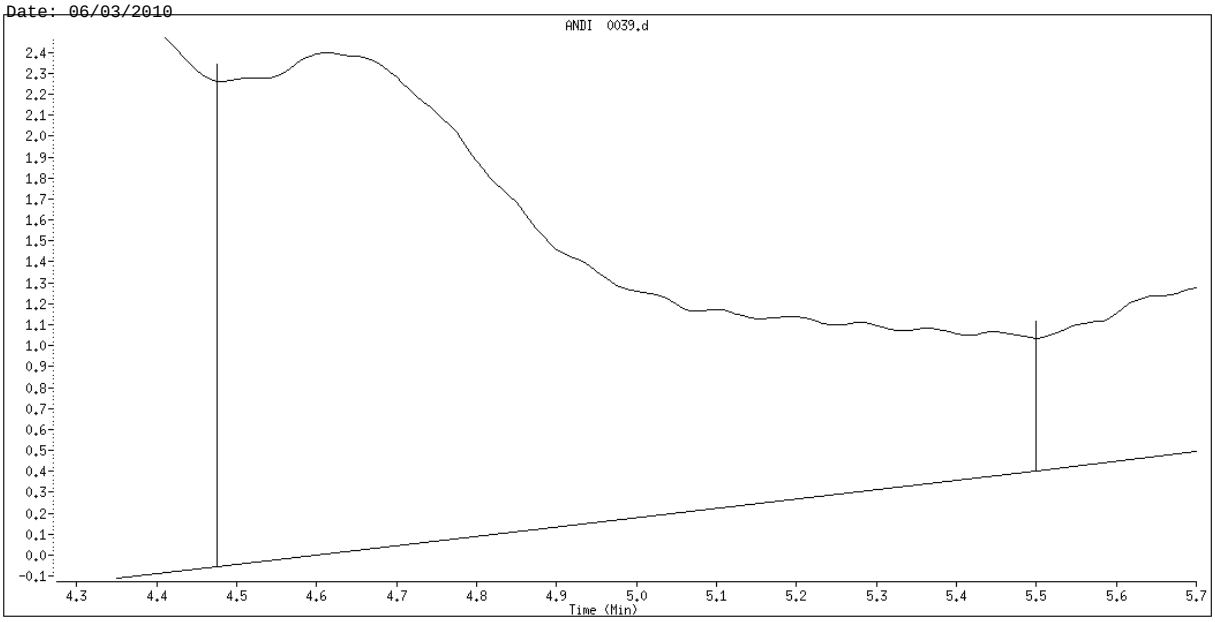
Original Integration



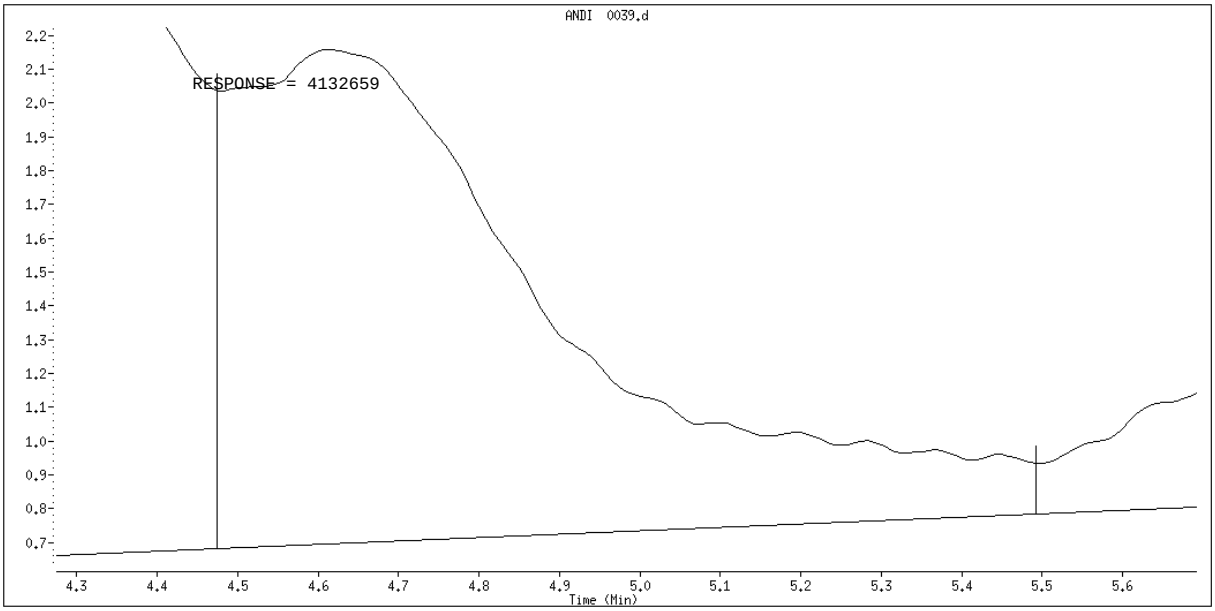
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0039.d
Inj. Date and Time: 03-JUN-2010 00:21
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



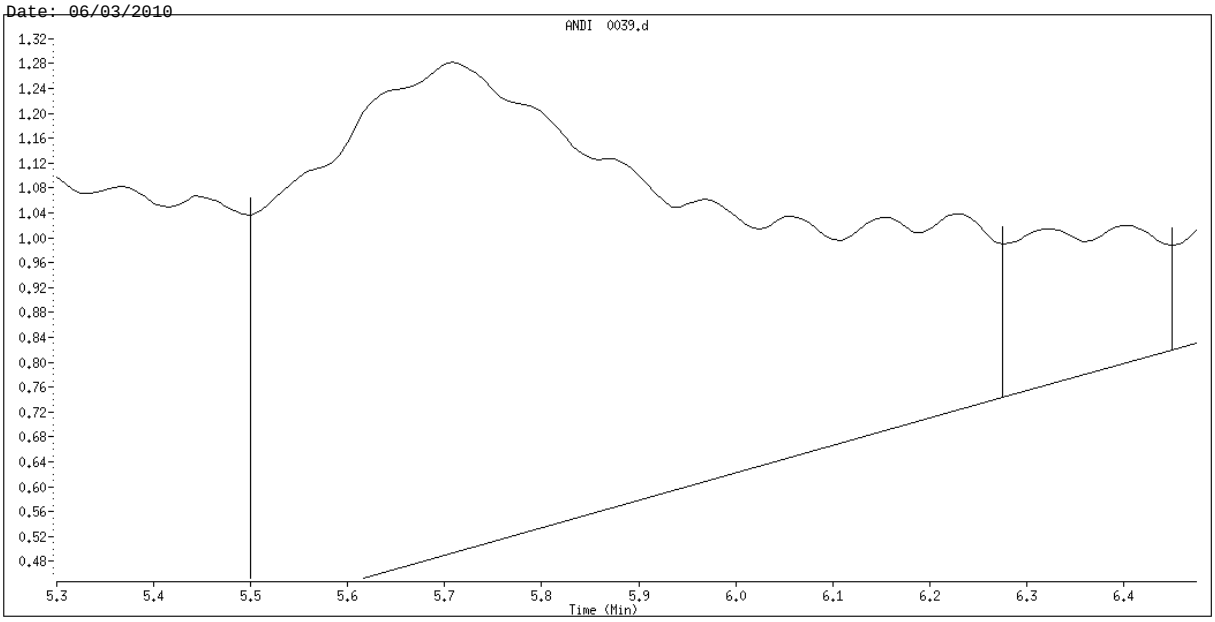
Original Integration



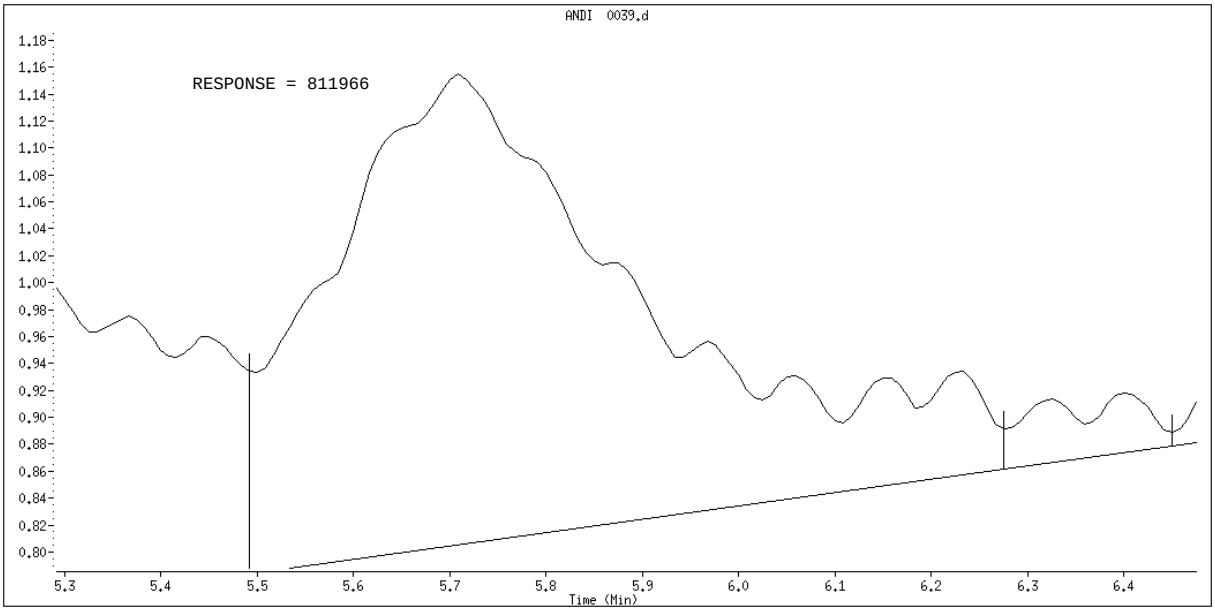
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0039.d
Inj. Date and Time: 03-JUN-2010 00:21
Instrument ID: ic320.i
Client ID:
Compound Name: Bromide
CAS #: Q85
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0040.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0040.d
Lab Smp Id: L1W8X
Inj Date : 03-JUN-2010 00:38
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W8X
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

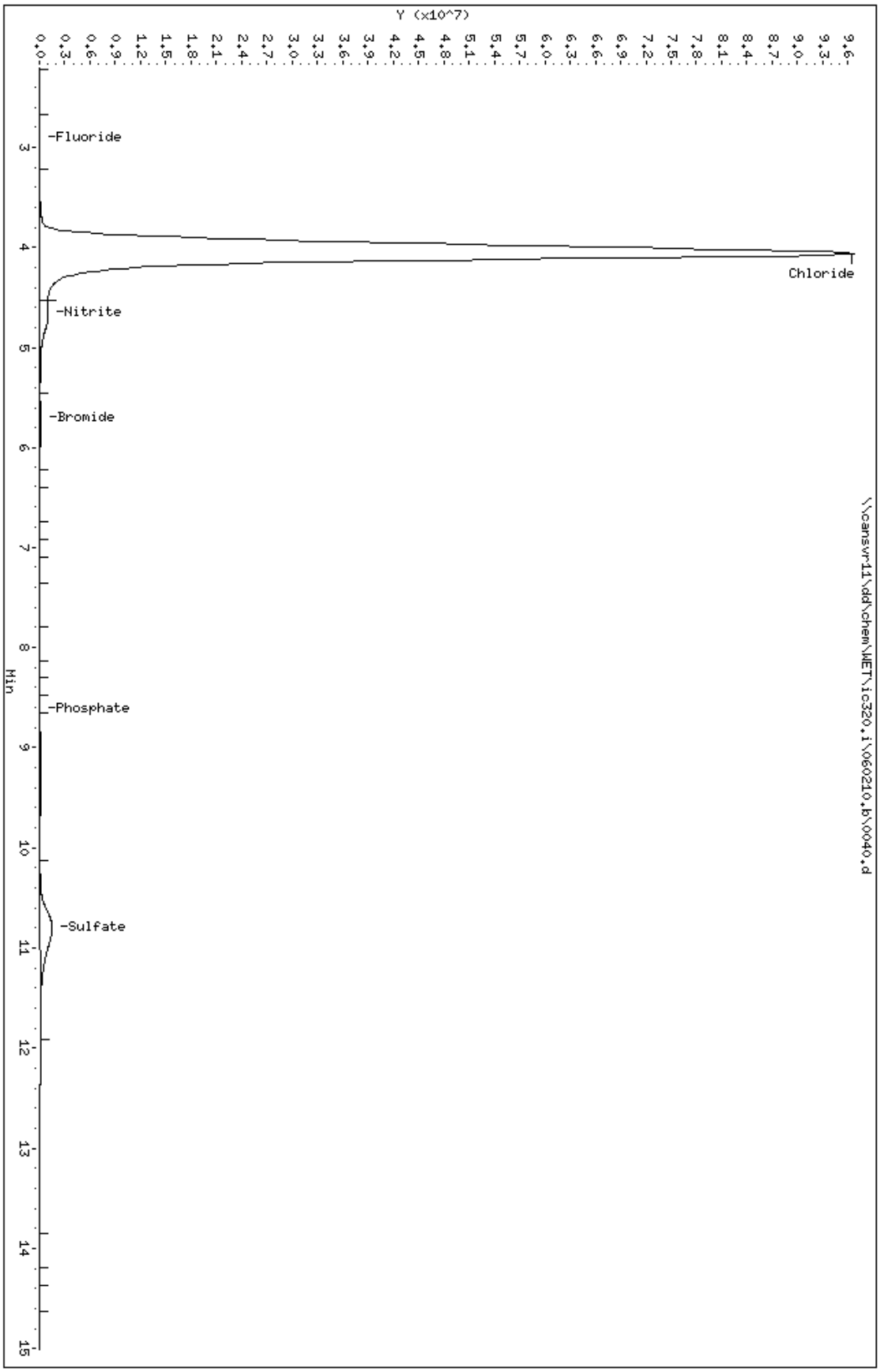
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.900	2.808	0.092	1071560	0.09277	0.09276
2 Chloride	4.058	3.900	0.158	1076080351	111.539	111.5
3 Nitrite	4.641	4.583	0.058	22510276	0.98907	0.9891
4 Bromide	5.700	5.658	0.042	2018224	0.61279	0.6128
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.608	8.866	-0.258	3548	0.09521	0.09521
7 Sulfate	10.800	10.691	0.109	44187856	6.78446	6.784

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0040.d
Date : 03-JUN-2010 00:38
Client ID:
Sample Info: L1W8X
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0041.d
Report Date: 03-Jun-2010 15:00

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0041.d
Lab Smp Id: L1W81
Inj Date : 03-JUN-2010 00:56
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W81
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

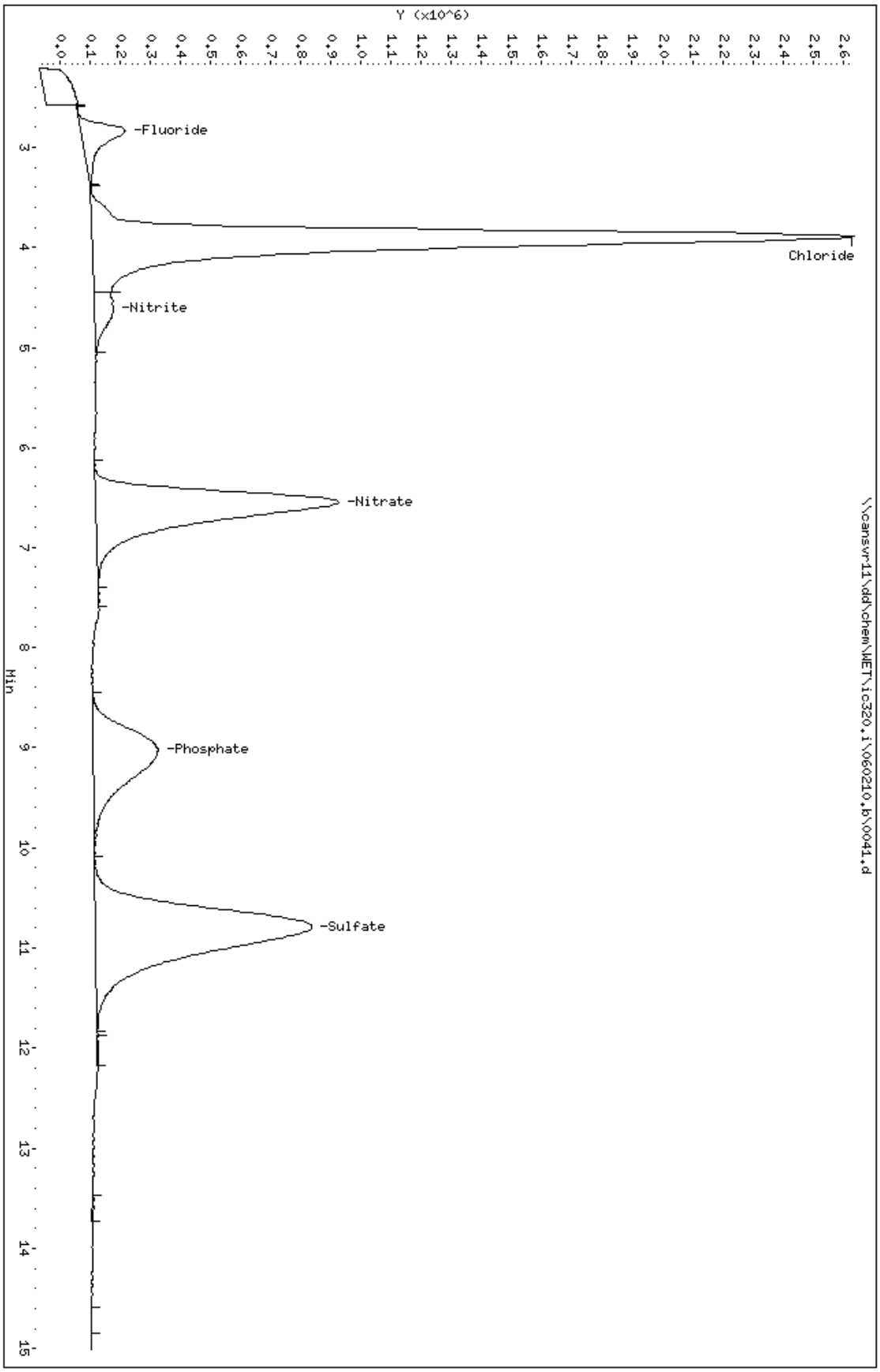
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.833	2.816	0.017	2149377	0.18607	0.1861(M)
2 Chloride	3.891	3.941	-0.050	32996459	3.42017	3.420(M)
3 Nitrite	4.608	4.633	-0.025	1421826	0.06247	0.06247(M)
4 Bromide	Compound Not Detected.					
5 Nitrate	6.550	6.675	-0.125	16252086	0.86647	0.8665
6 Phosphate	9.025	8.800	0.225	215907	0.83420	0.8342
7 Sulfate	10.791	10.658	0.133	21960713	3.37178	3.372

QC Flag Legend

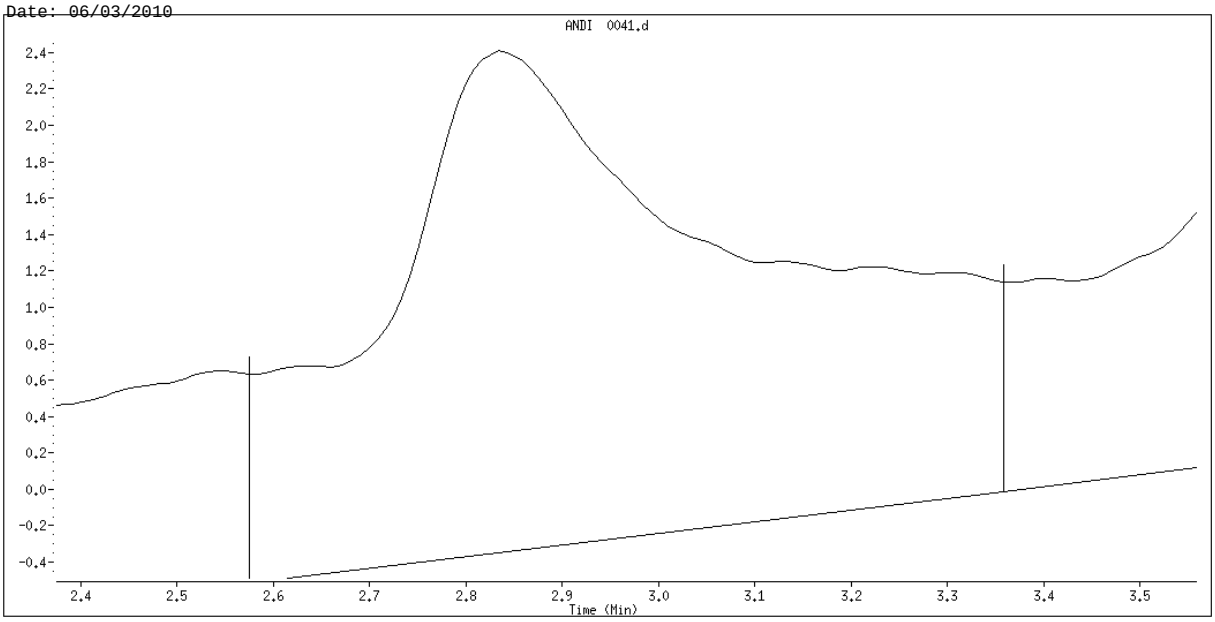
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0041.d
Date : 03-JUN-2010 00:56
Client ID:
Sample Info: L1W81
Purge Volume: 1.0
Column phase: AS14

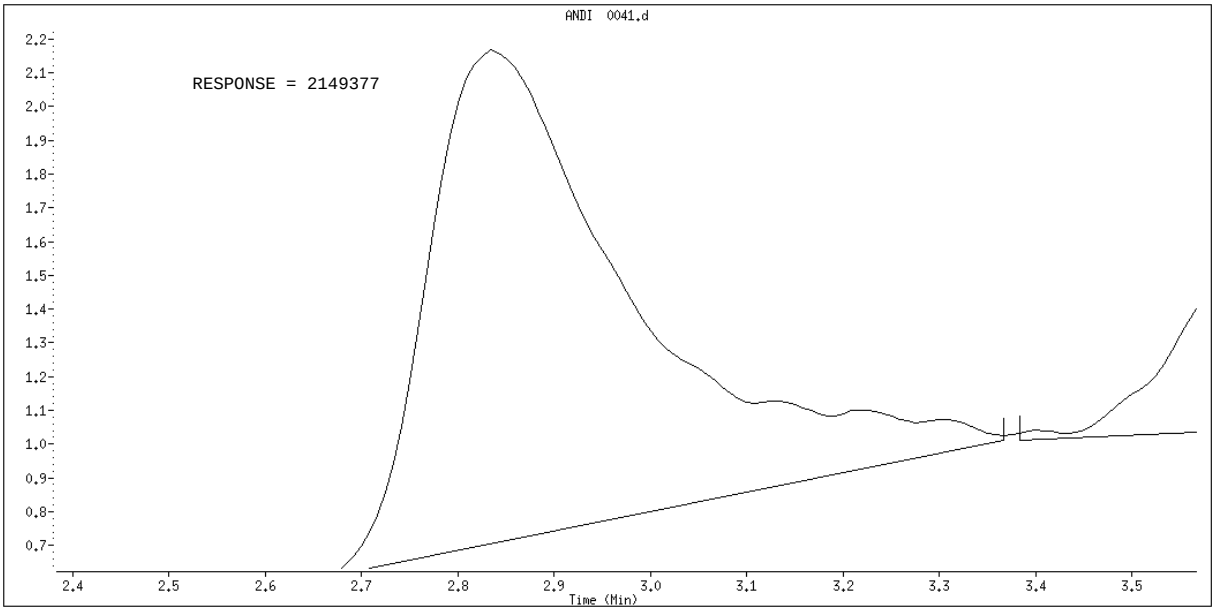
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0041.d
Inj. Date and Time: 03-JUN-2010 00:56
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



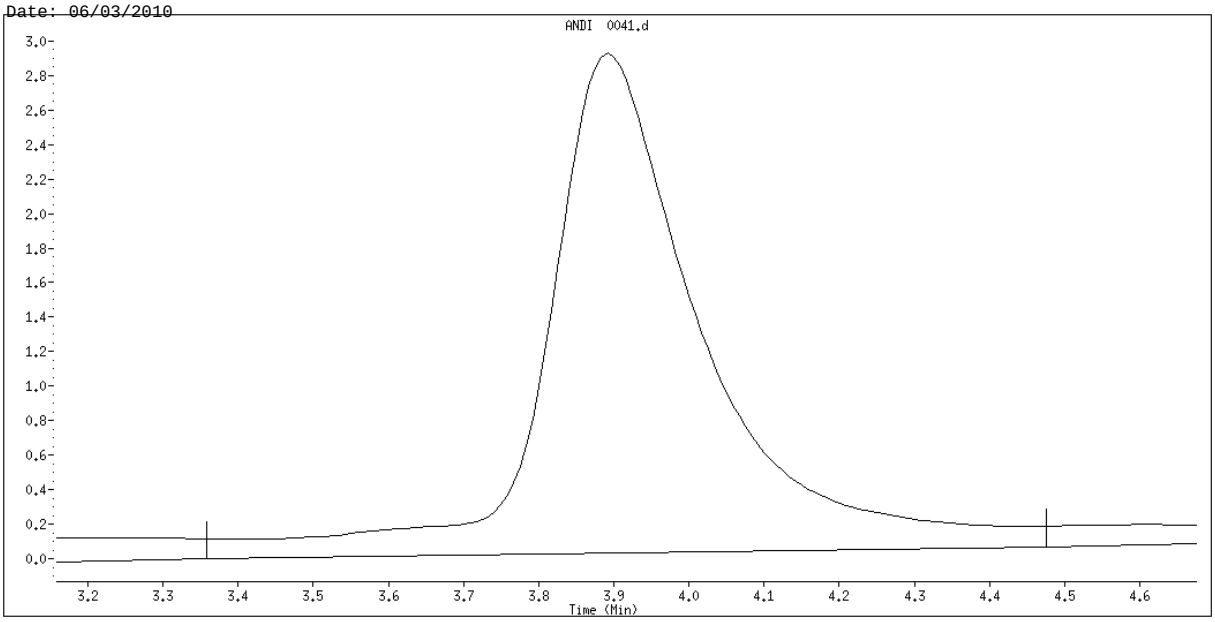
Original Integration



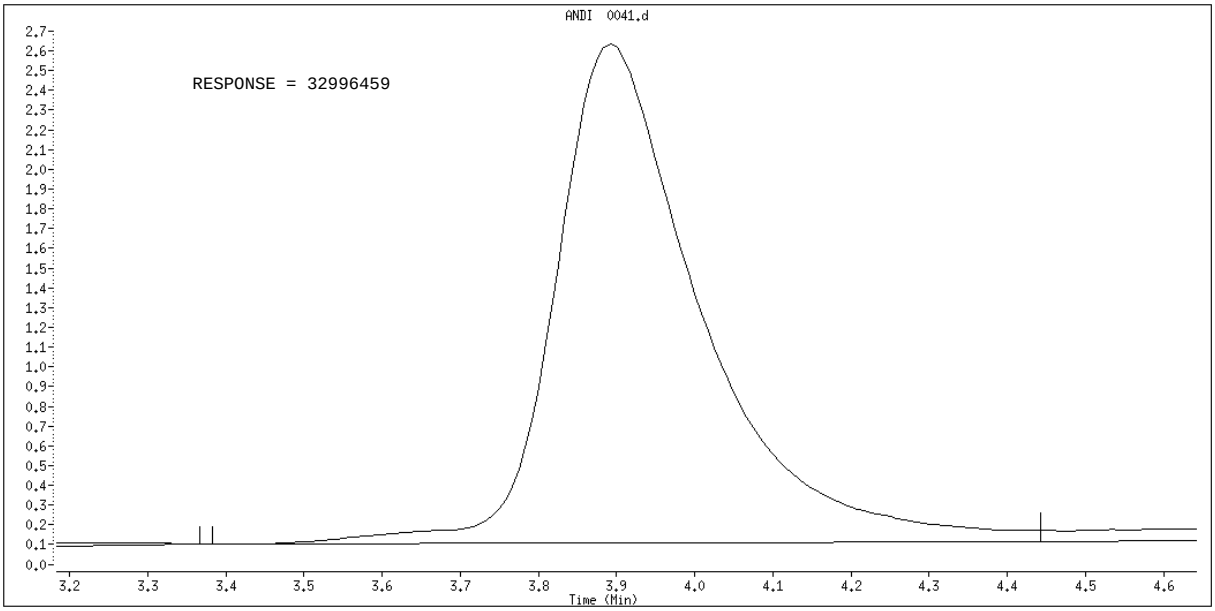
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0041.d
Inj. Date and Time: 03-JUN-2010 00:56
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



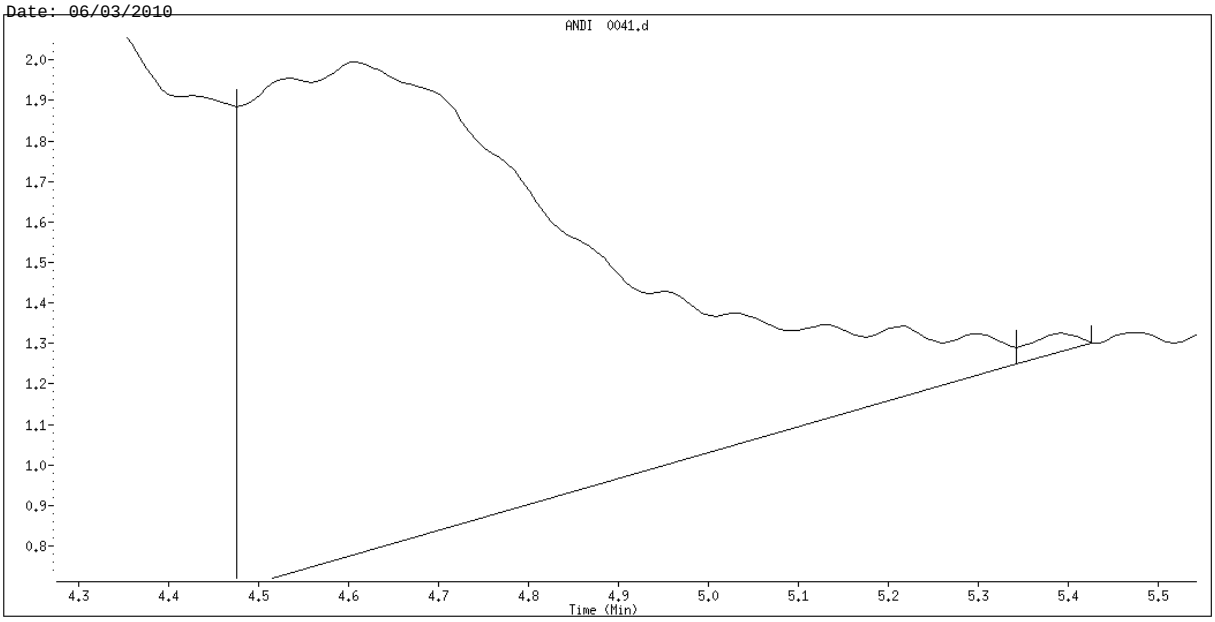
Original Integration



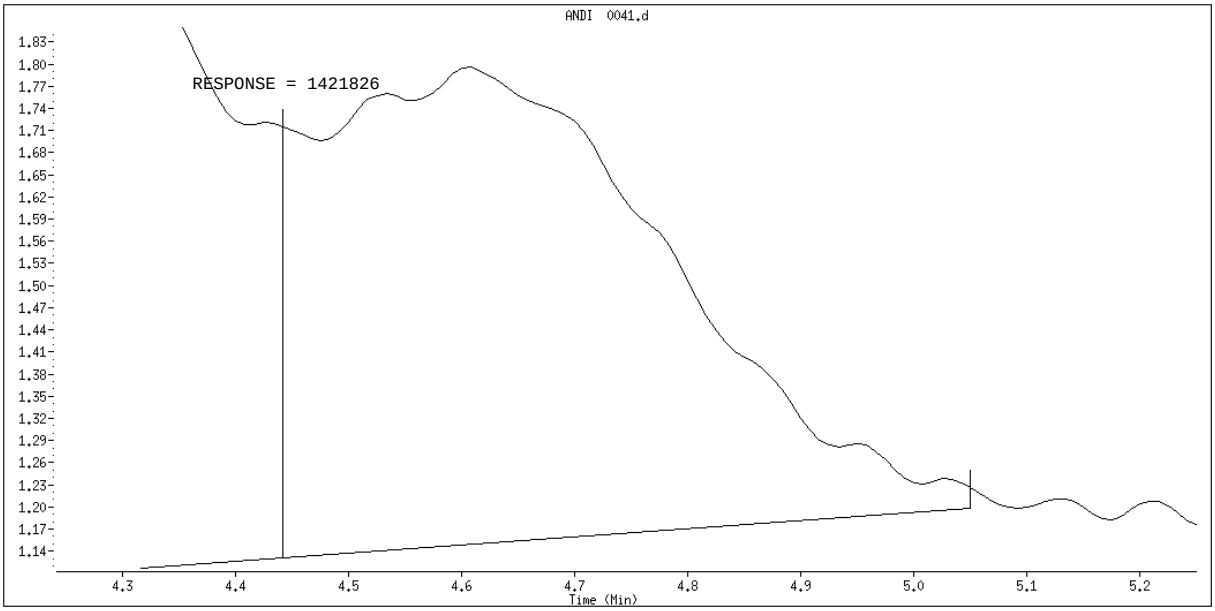
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0041.d
Inj. Date and Time: 03-JUN-2010 00:56
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0042.d
Report Date: 03-Jun-2010 15:00

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0042.d
Lab Smp Id: L1W82
Inj Date : 03-JUN-2010 01:13
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W82
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

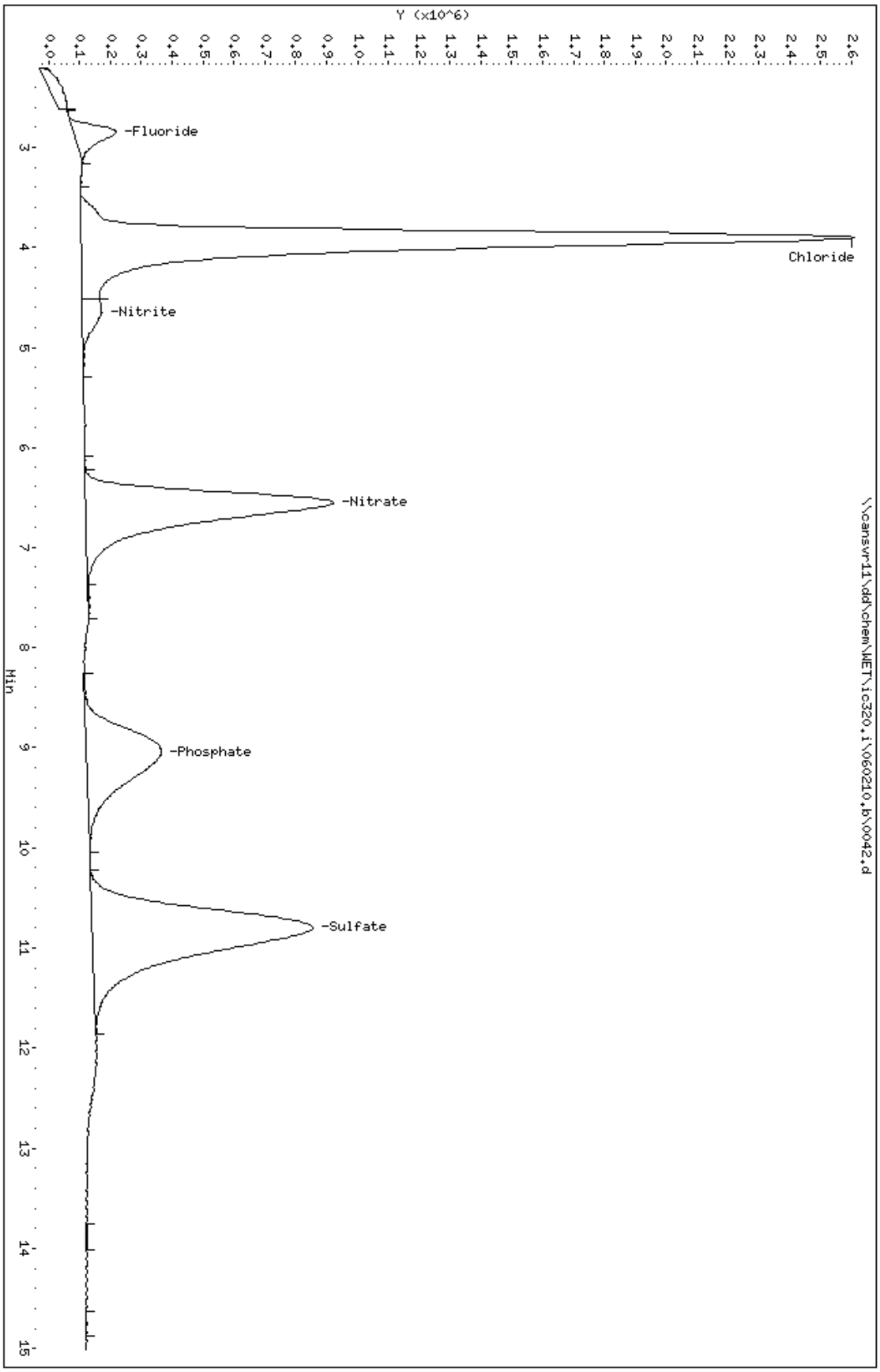
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.850	2.816	0.034	1562994	0.13531	0.1353(M)
2 Chloride	3.900	3.941	-0.041	32711574	3.39064	3.391
3 Nitrite	4.641	4.633	0.008	1221607	0.05368	0.05368
4 Bromide	Compound Not Detected.					
5 Nitrate	6.558	6.675	-0.117	16308301	0.86947	0.8695
6 Phosphate	9.050	8.800	0.250	243747	0.93108	0.9311
7 Sulfate	10.800	10.658	0.142	21687683	3.32986	3.330

QC Flag Legend

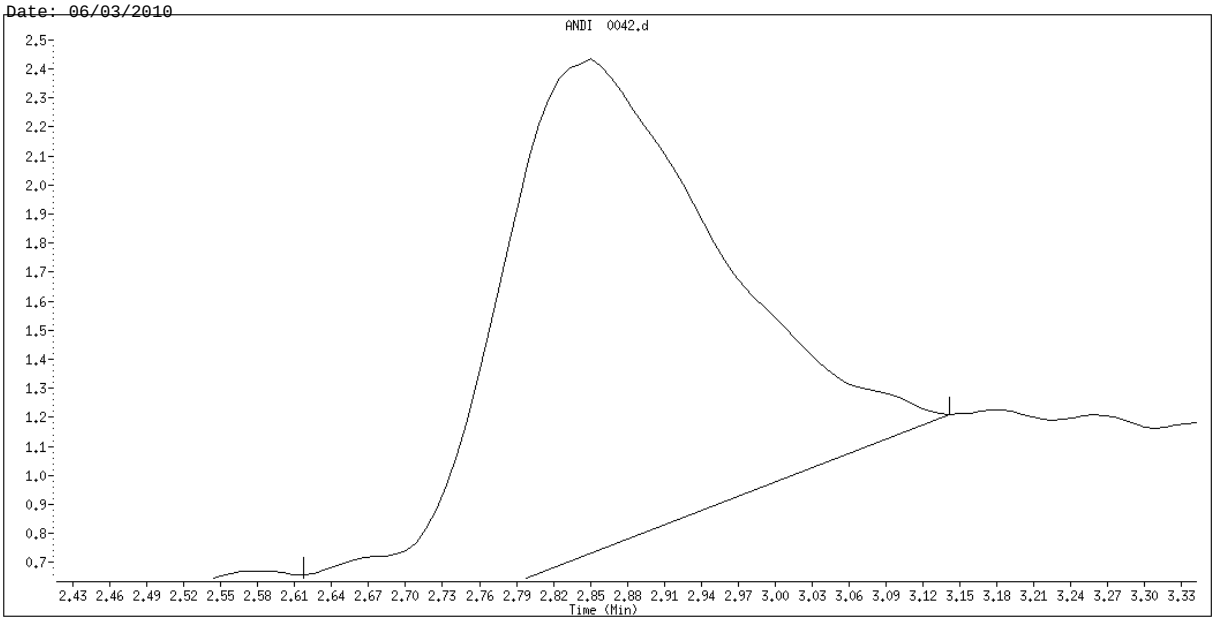
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0042.d
Date : 03-JUN-2010 01:13
Client ID:
Sample Info: L1W82
Purge Volume: 1.0
Column phase: AS14

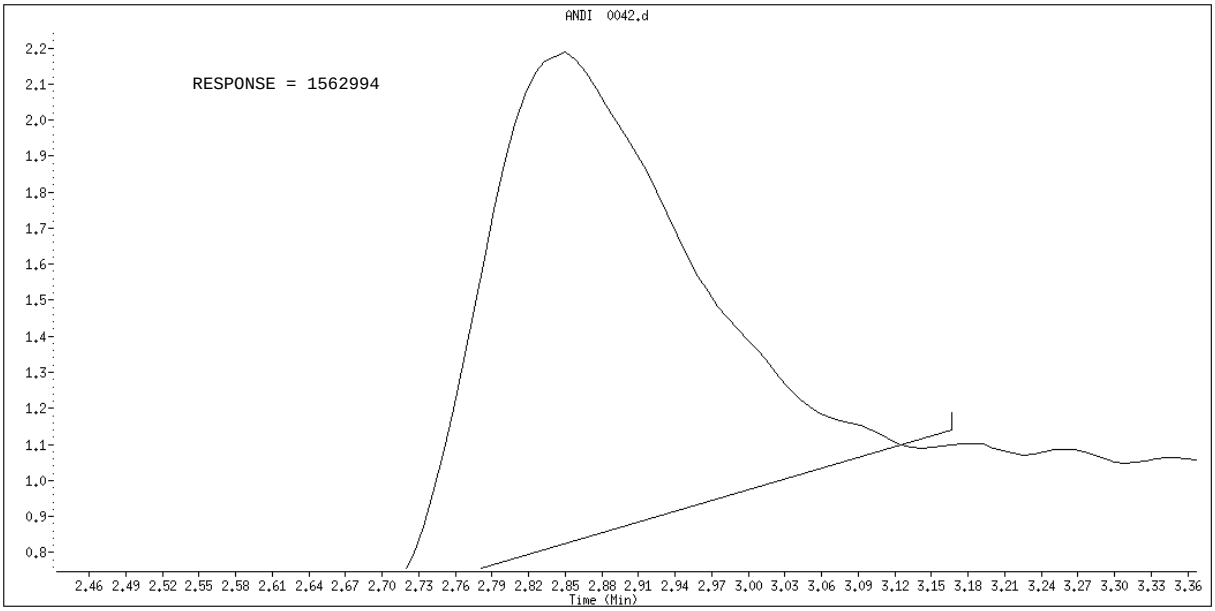
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0042.d
Inj. Date and Time: 03-JUN-2010 01:13
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0043.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0043.d
Lab Smp Id: L1W84
Inj Date : 03-JUN-2010 01:31
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W84
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

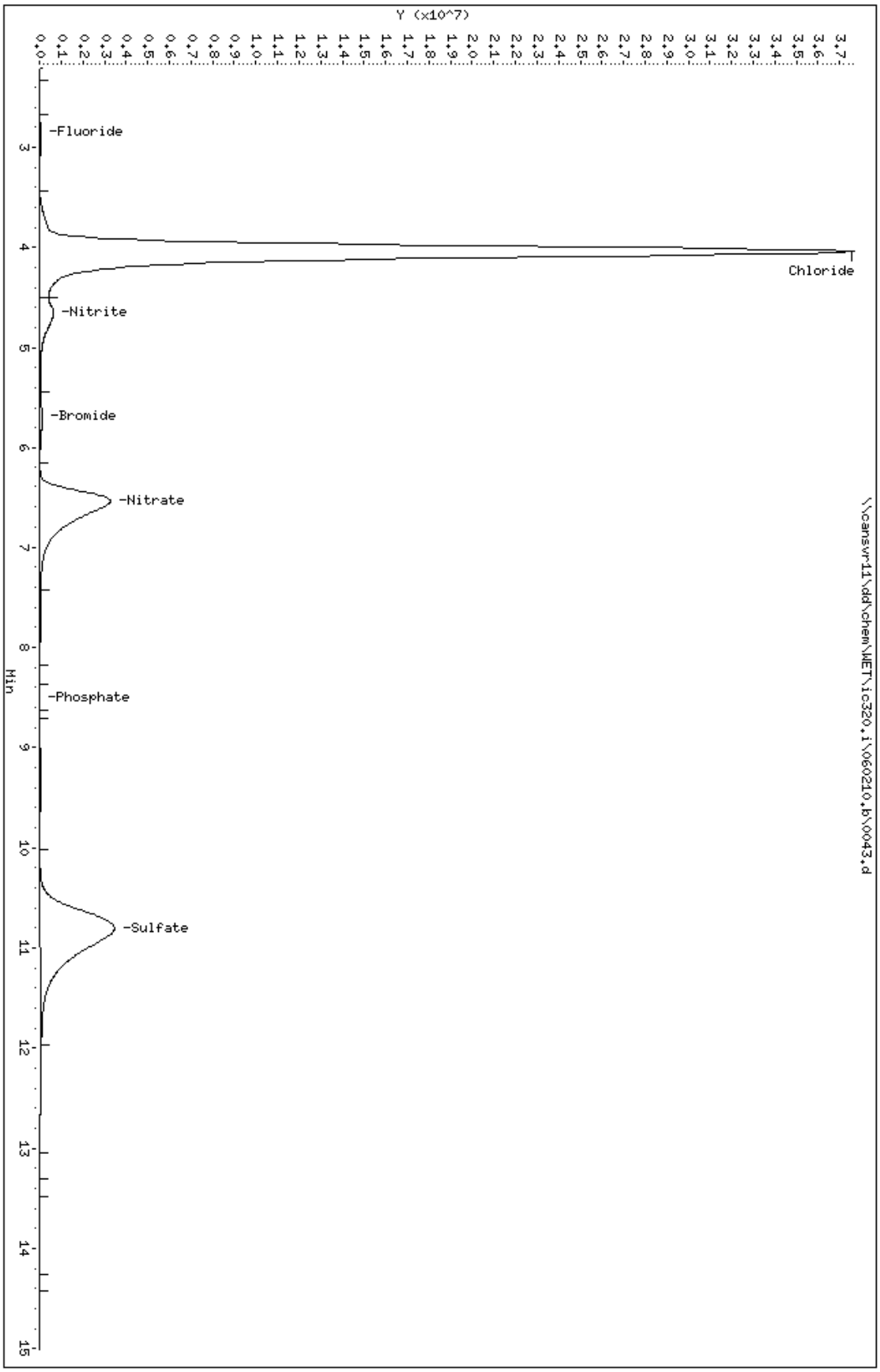
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.850	2.808	0.042	1649548	0.14280	0.1428
2 Chloride	4.041	3.900	0.141	349787997	36.2564	36.26
3 Nitrite	4.650	4.583	0.067	13787737	0.60582	0.6058
4 Bromide	5.683	5.658	0.025	2665226	0.80924	0.8092
5 Nitrate	6.541	6.558	-0.017	68516305	3.65291	3.653
6 Phosphate	8.508	8.866	-0.358	3767	0.09598	0.09598
7 Sulfate	10.808	10.691	0.117	104065016	15.9778	15.98

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0043.d
Date : 03-JUN-2010 01:31
Client ID:
Sample Info: L1W84
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0044.d
Report Date: 03-Jun-2010 15:00

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0044.d
Lab Smp Id: L1W85
Inj Date : 03-JUN-2010 01:48
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W85
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

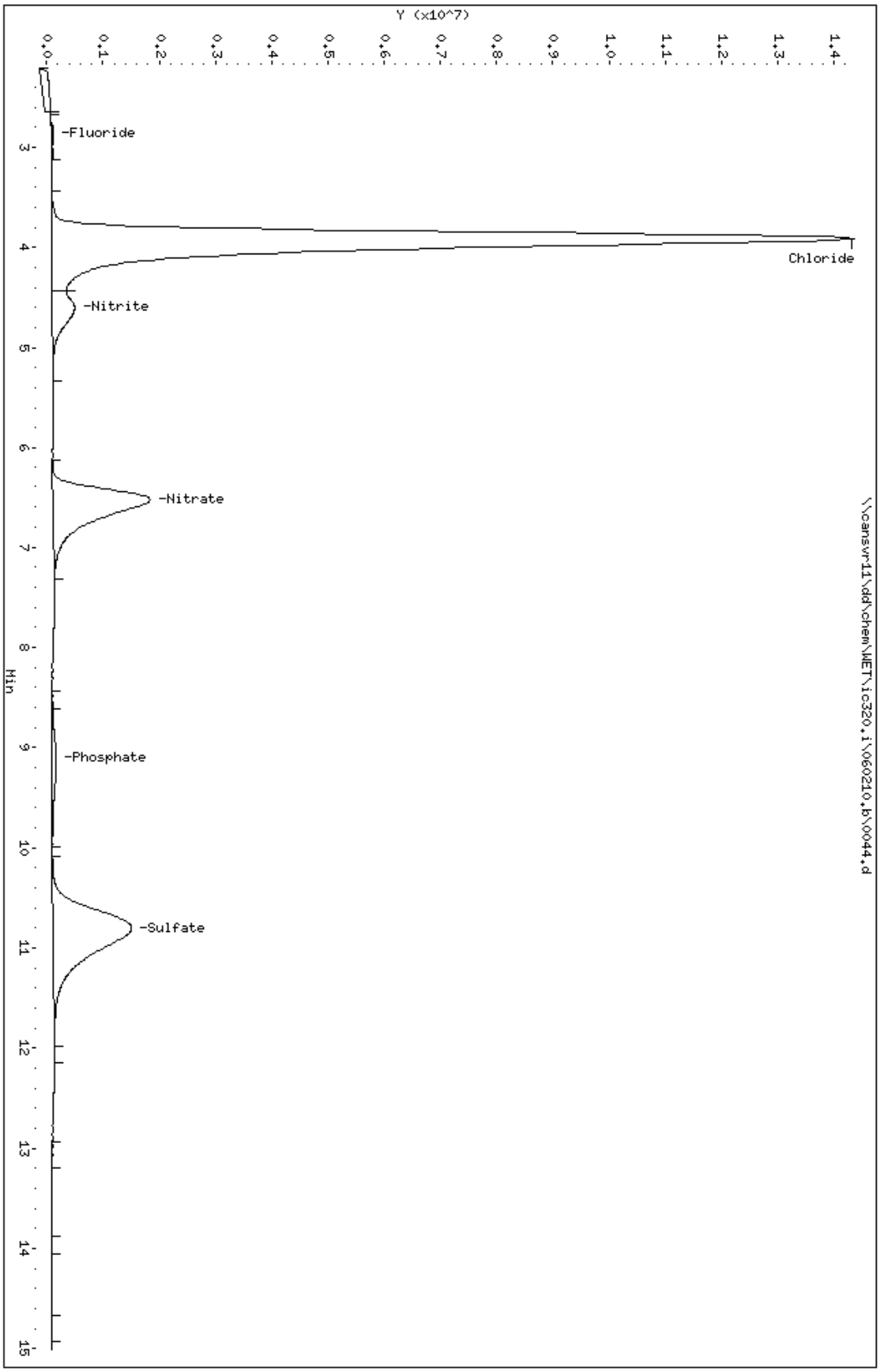
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.858	2.816	0.042	413280	0.03578	0.03578(aM)
2 Chloride	3.908	3.941	-0.033	167497764	17.3616	17.36
3 Nitrite	4.600	4.633	-0.033	8333355	0.36616	0.3662
4 Bromide	Compound Not Detected.					
5 Nitrate	6.525	6.675	-0.150	34432585	1.83576	1.836
6 Phosphate	9.100	8.800	0.300	72046	0.33358	0.3336
7 Sulfate	10.808	10.658	0.150	42517102	6.52794	6.528

QC Flag Legend

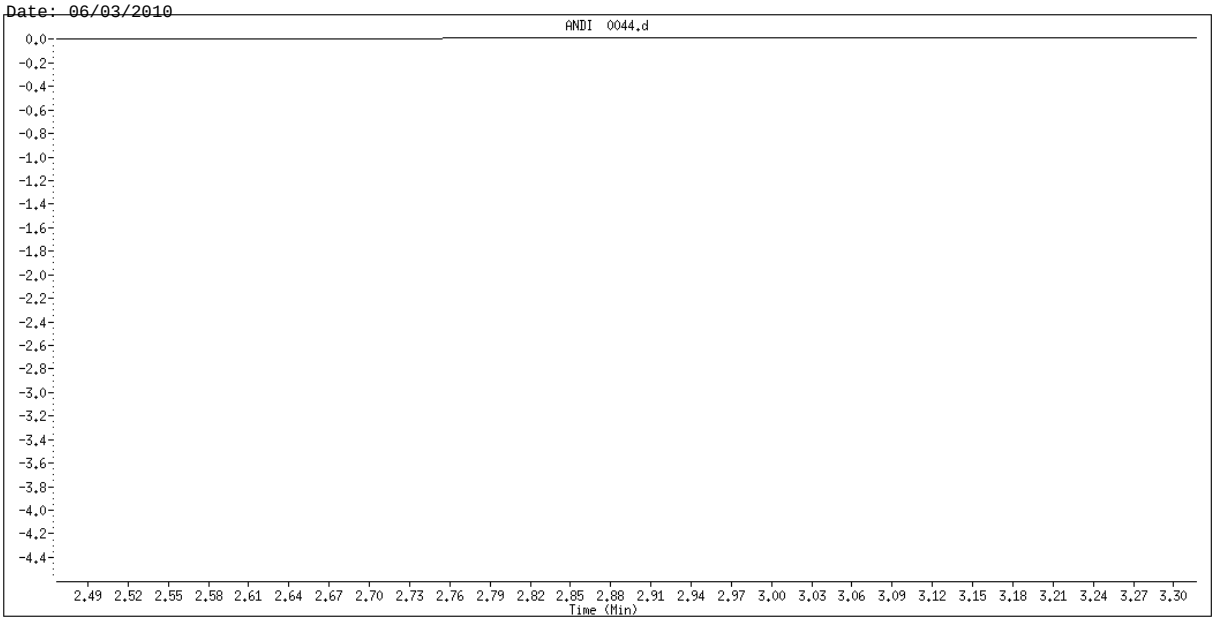
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0044.d
Date : 03-JUN-2010 01:48
Client ID:
Sample Info: L1W85
Purge Volume: 1.0
Column Phase: AS14

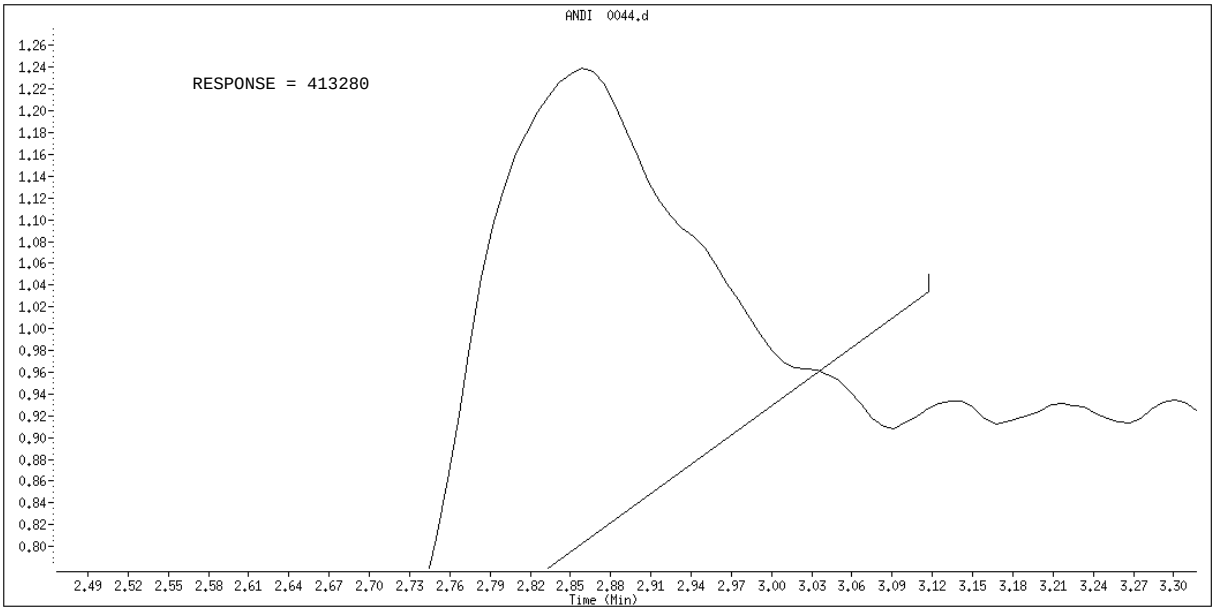
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0044.d
Inj. Date and Time: 03-JUN-2010 01:48
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0045.d
Report Date: 03-Jun-2010 15:01

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0045.d
Lab Smp Id: L1W87 ORG
Inj Date : 03-JUN-2010 02:05
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W87 ORG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

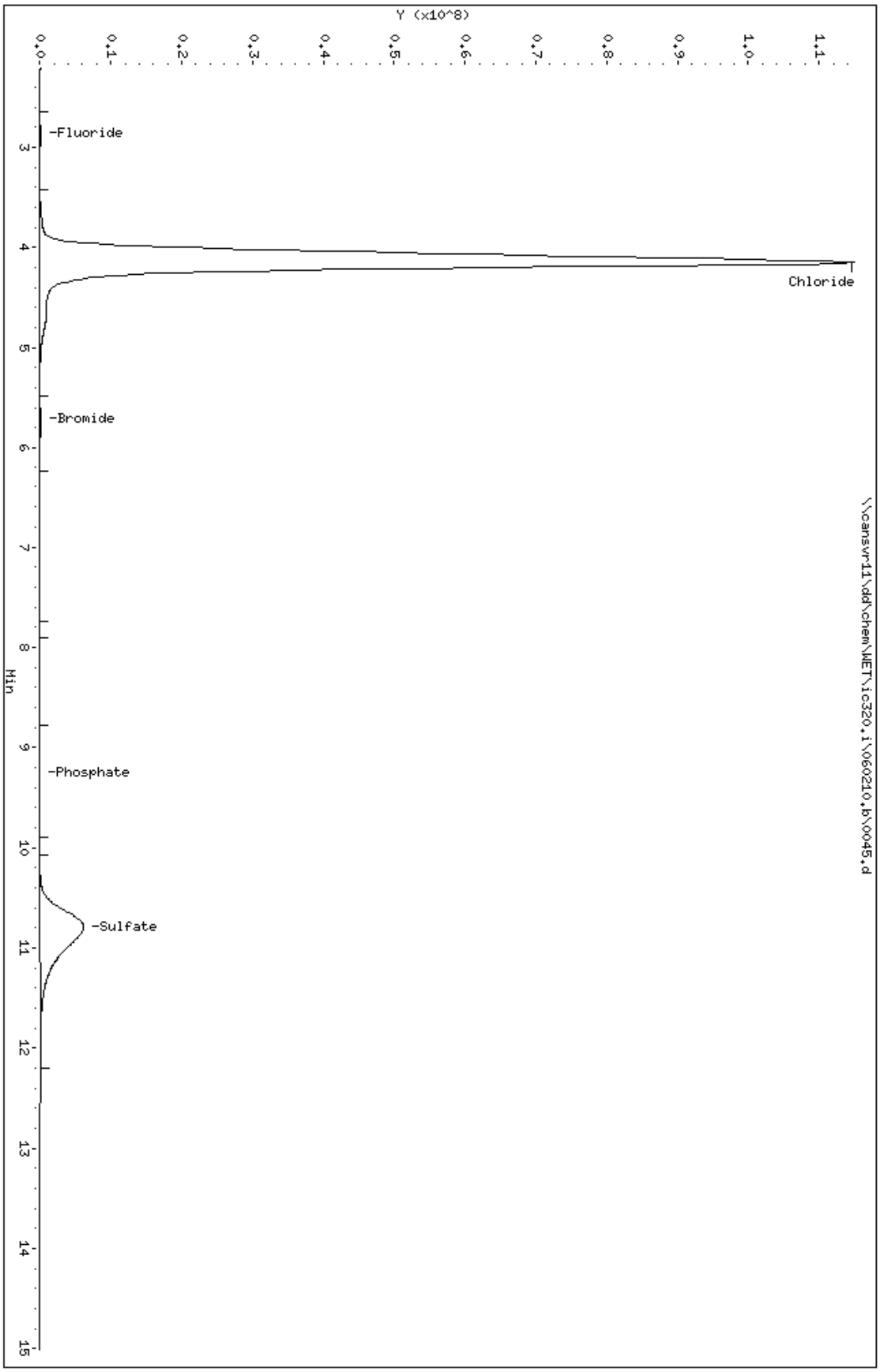
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.858	2.816	0.042	2115430	0.18313	0.1831
2 Chloride	4.150	3.941	0.209	1165773753	120.836	120.8(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	5.708	5.750	-0.042	3069822	0.93209	0.9321
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.258	8.800	0.458	31118	0.19115	0.1912
7 Sulfate	10.791	10.658	0.133	187027356	28.7156	28.72

QC Flag Legend

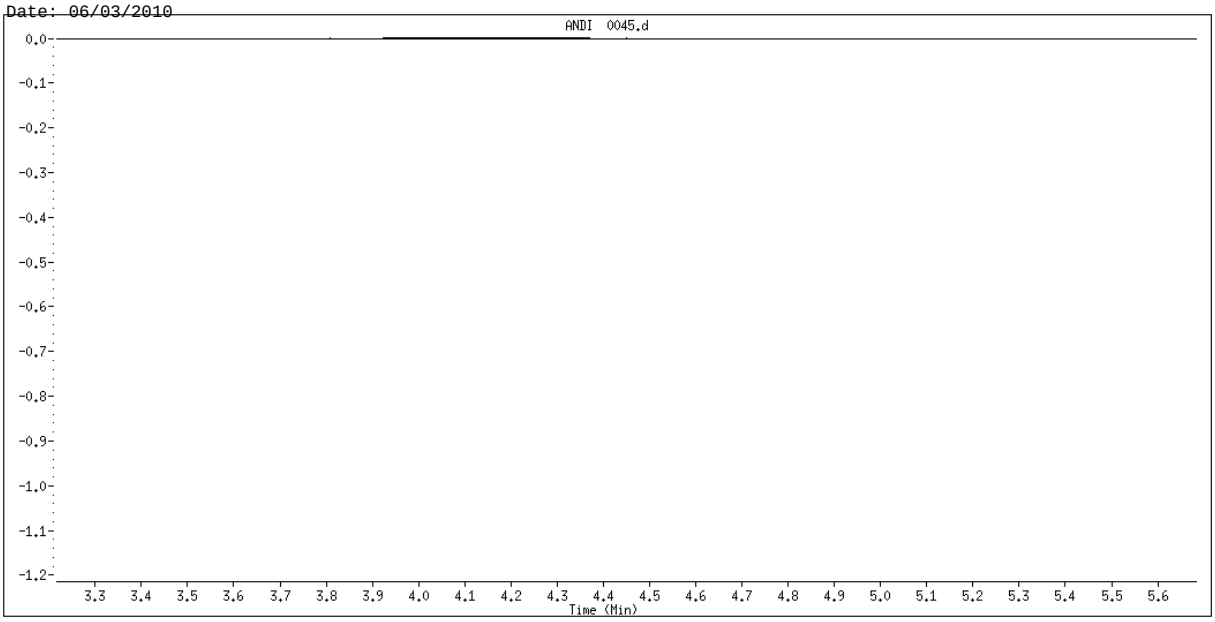
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0045.d
Date : 03-JUN-2010 02:05
Client ID:
Sample Info: L1W87 ORG
Purge Volume: 1.0
Column phase: AS14

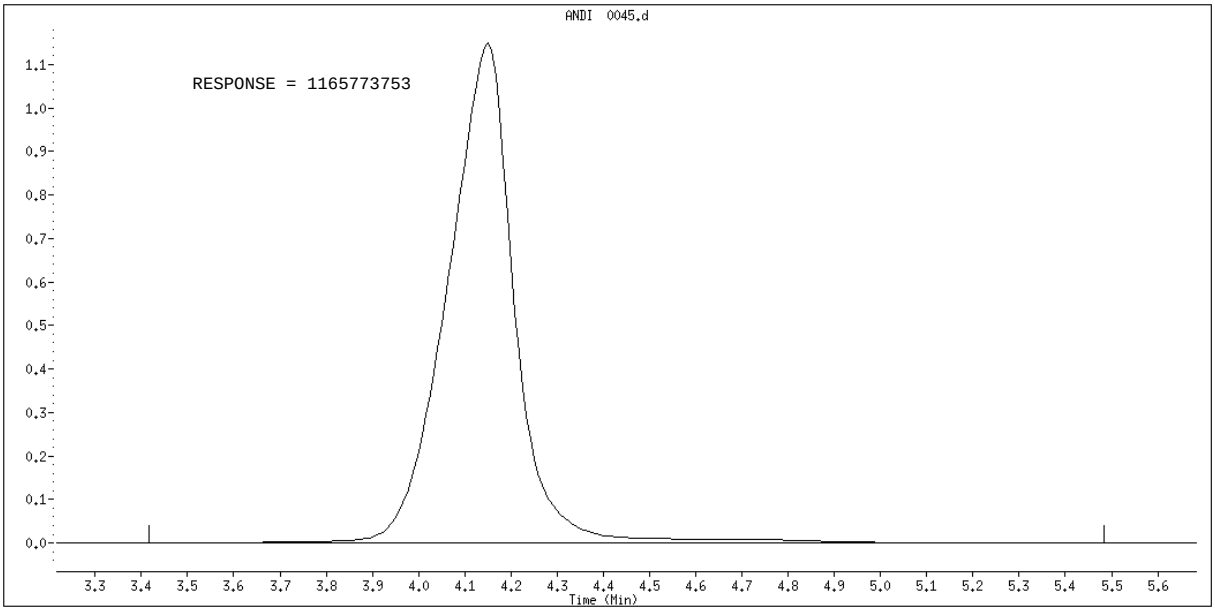
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0045.d
Inj. Date and Time: 03-JUN-2010 02:05
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0046.d
Report Date: 03-Jun-2010 15:01

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0046.d
Lab Smp Id: L1W87MS
Inj Date : 03-JUN-2010 02:23
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W87MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

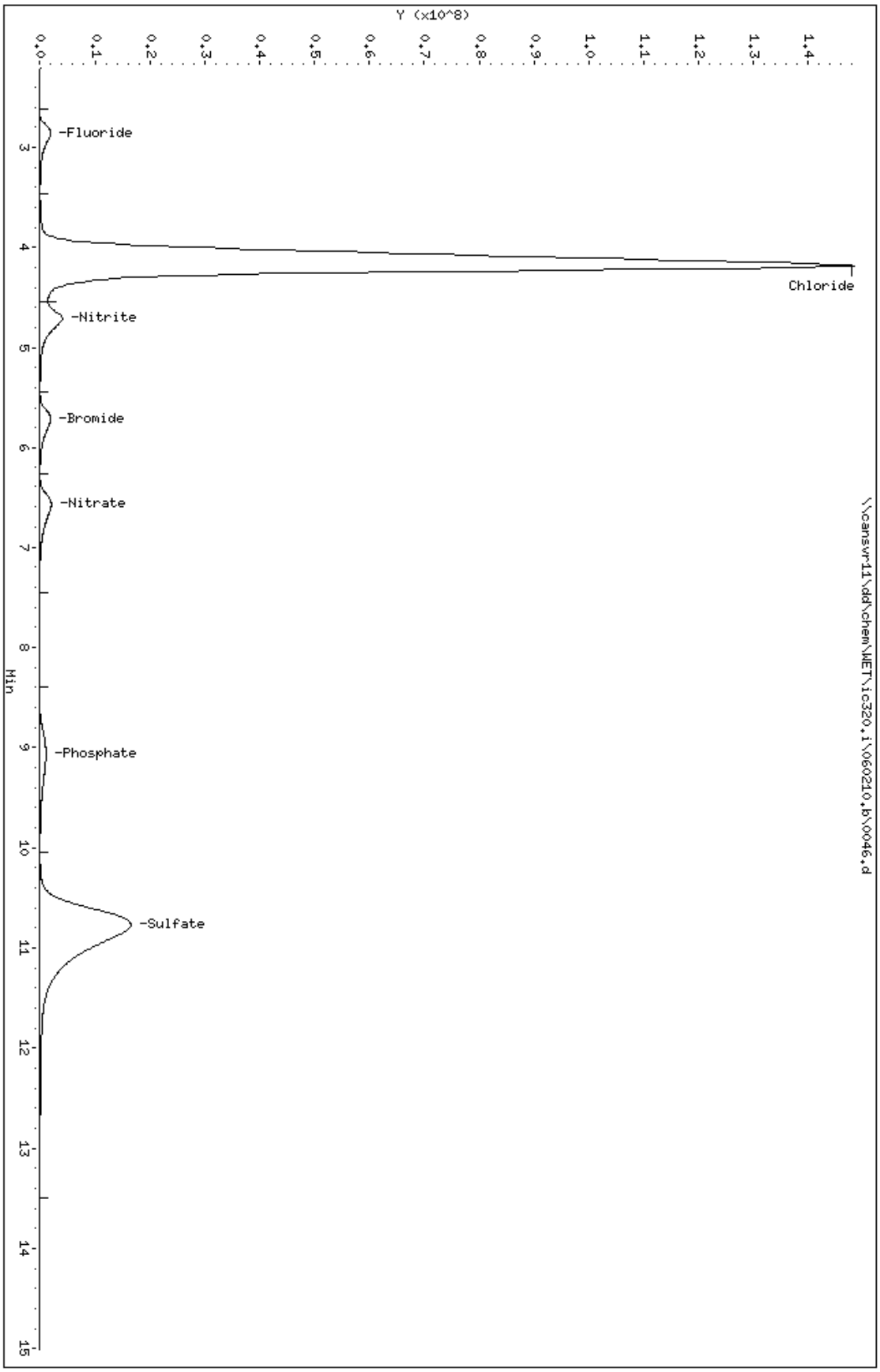
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.858	2.816	0.042	31695582	2.74389	2.744
2 Chloride	4.183	3.941	0.242	1672705247	173.380	173.4(RM)
3 Nitrite	4.708	4.633	0.075	68748673	3.02073	3.021(R)
4 Bromide	5.708	5.750	-0.042	34789035	10.5629	10.56
5 Nitrate	6.575	6.675	-0.100	43383193	2.31295	2.313
6 Phosphate	9.058	8.800	0.258	1160247	4.12042	4.120(R)
7 Sulfate	10.766	10.658	0.108	525464209	80.6781	80.68(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

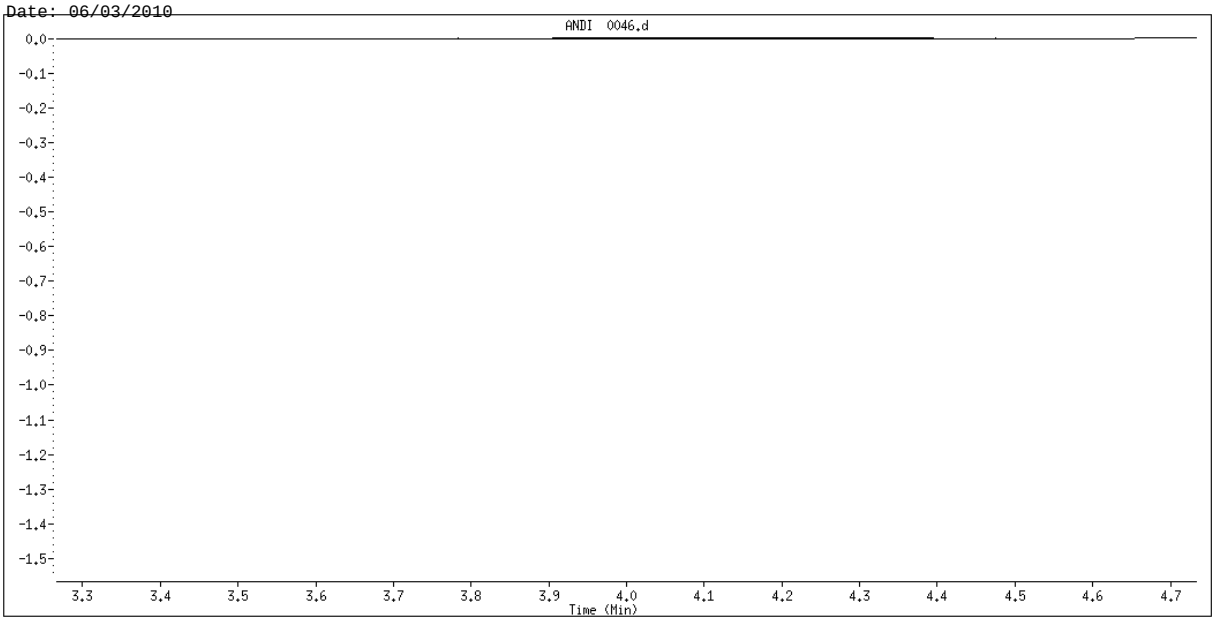
Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0046.d
Date : 03-JUN-2010 02:23
Client ID:
Sample Info: L1W87MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00

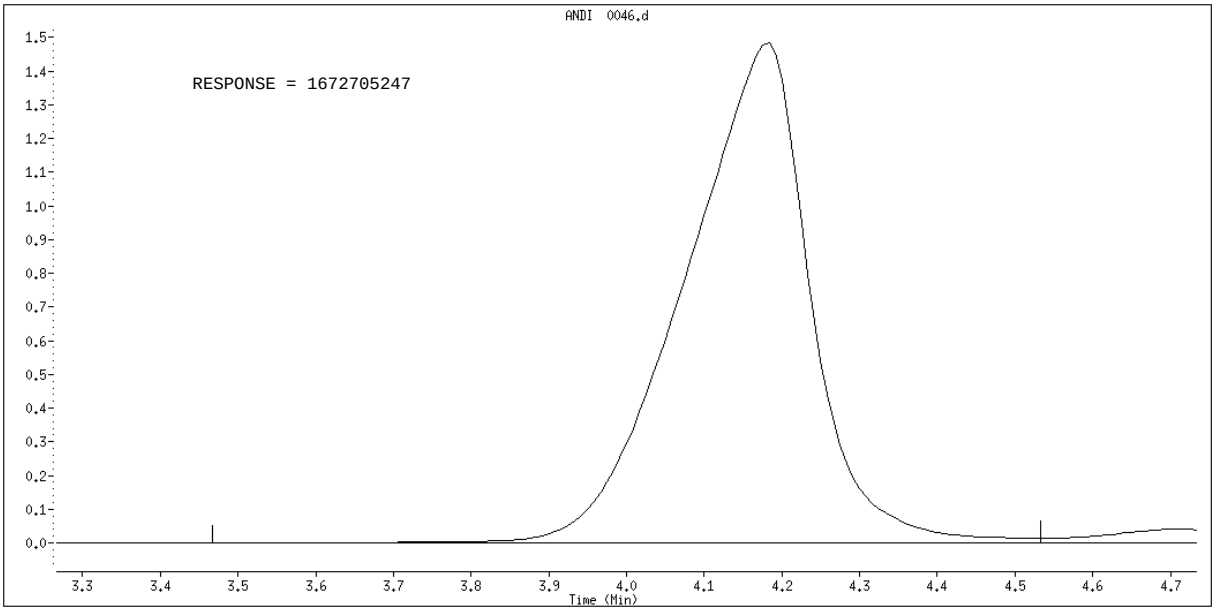


\\cansvr11\dd\chem\WET\ic320.i\060210.b\0046.d

Data File Name: 0046.d
Inj. Date and Time: 03-JUN-2010 02:23
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0047.d
Report Date: 03-Jun-2010 15:01

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0047.d
Lab Smp Id: L1W89
Inj Date : 03-JUN-2010 02:40
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W89
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

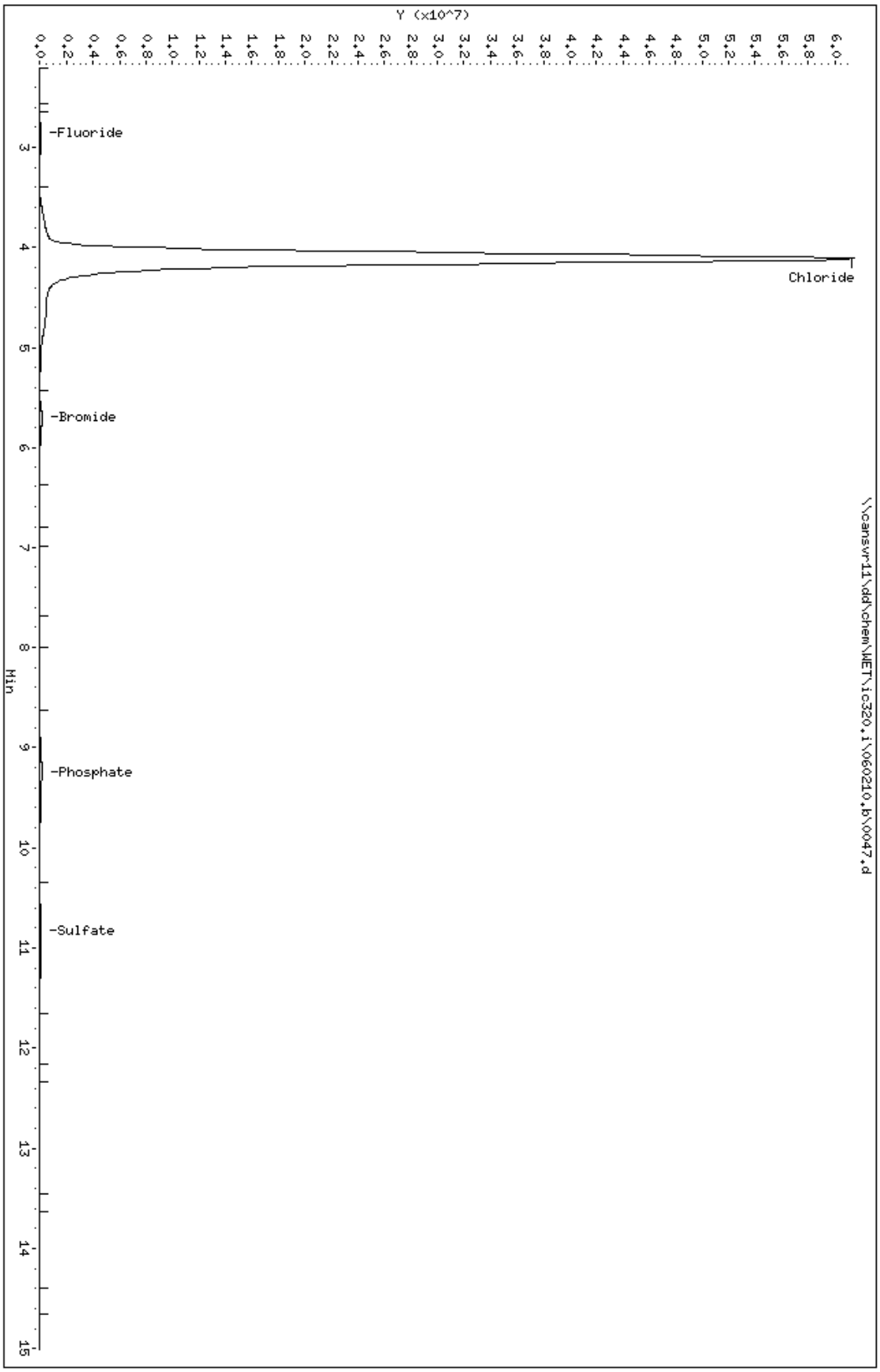
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.858	2.816	0.042	1985500	0.17188	0.1719
2 Chloride	4.108	3.941	0.167	524882497	54.4054	54.40(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	5.691	5.750	-0.059	3525385	1.07041	1.070
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.250	8.800	0.450	157075	0.62947	0.6295
7 Sulfate	10.833	10.658	0.175	4271818	0.65588	0.6559(a)

QC Flag Legend

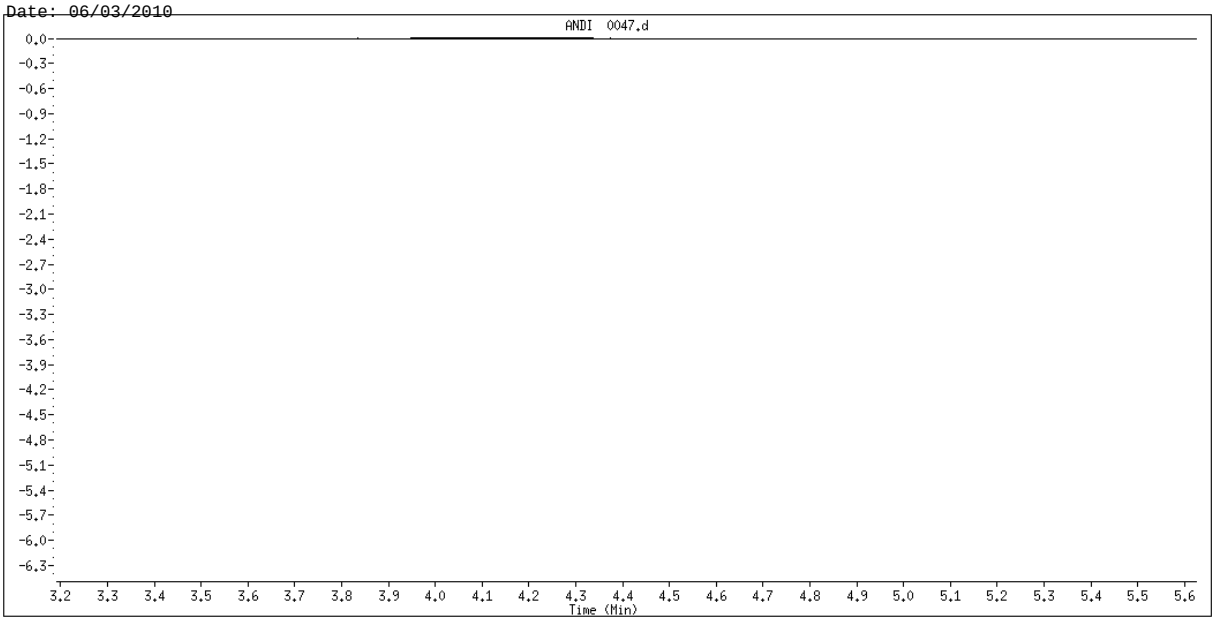
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0047.d
Date : 03-JUN-2010 02:40
Client ID:
Sample Info: L1W89
Purge Volume: 1.0
Column phase: AS14

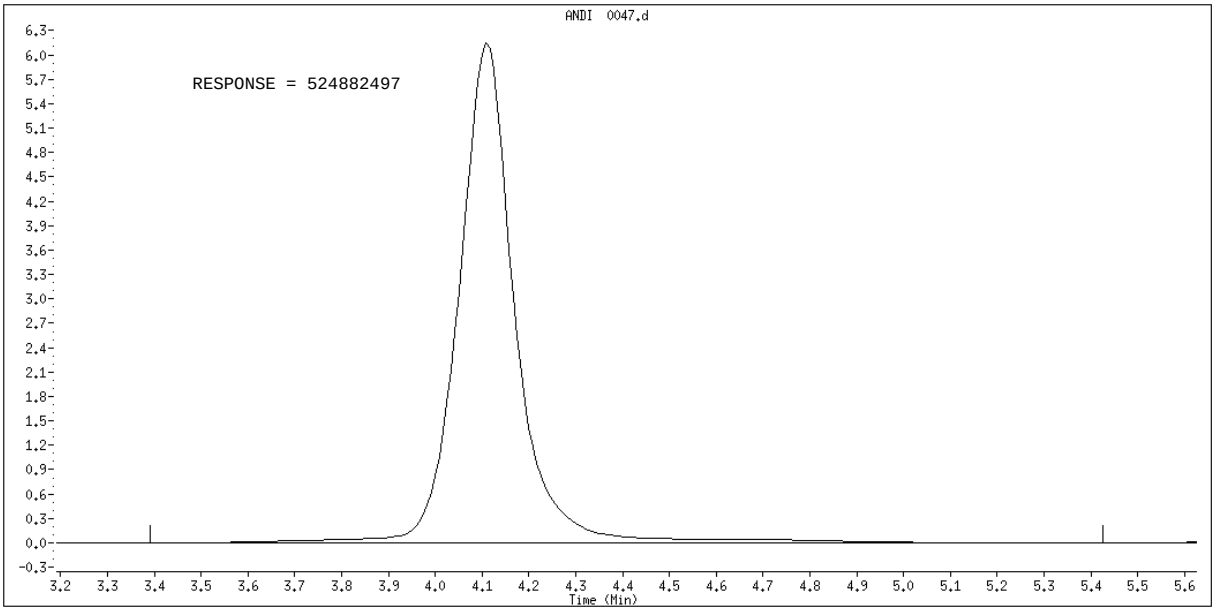
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0047.d
Inj. Date and Time: 03-JUN-2010 02:40
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0048.d
Report Date: 03-Jun-2010 15:02

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0048.d
Lab Smp Id: L1W9A
Inj Date : 03-JUN-2010 02:58
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W9A
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

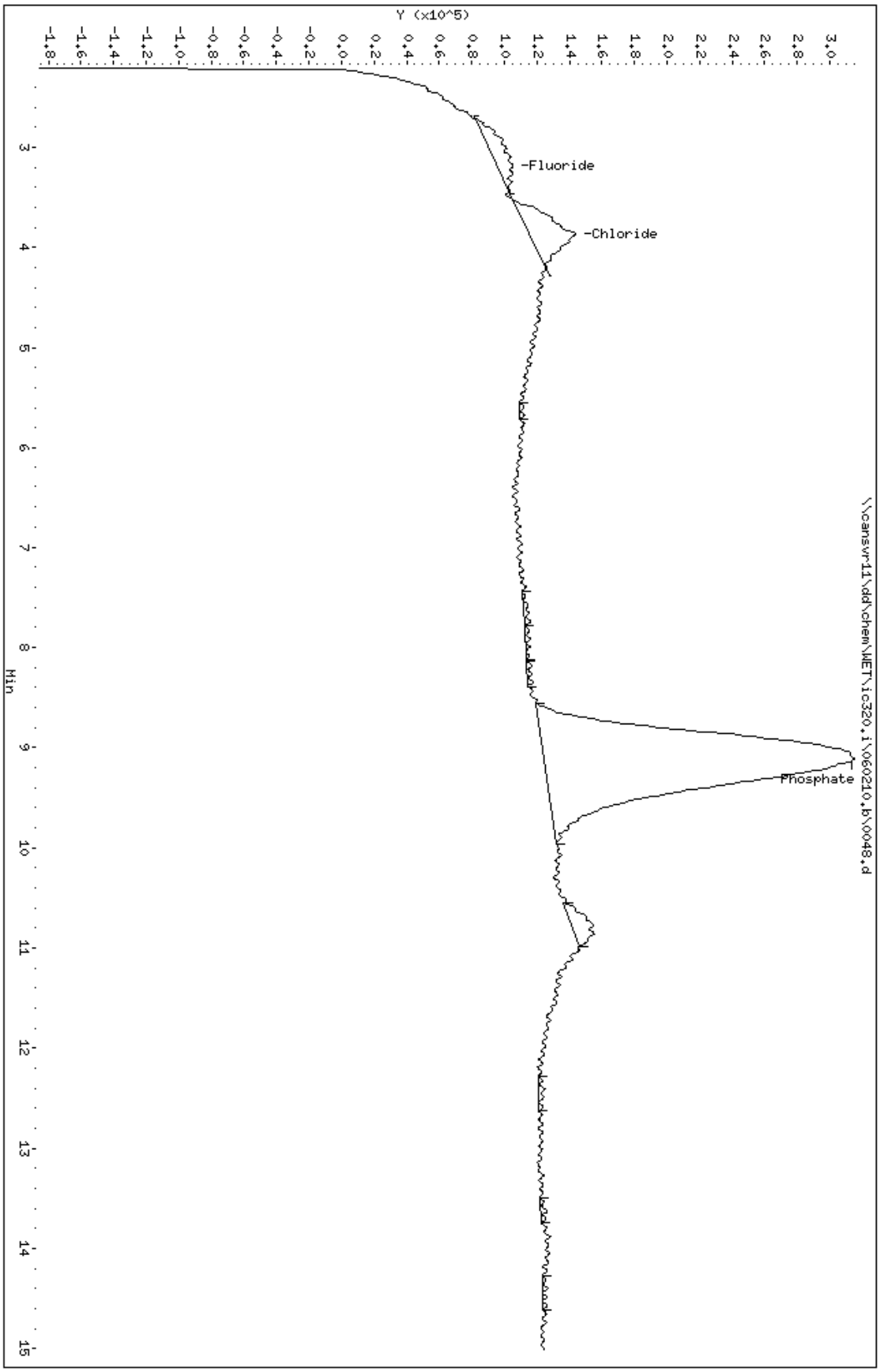
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

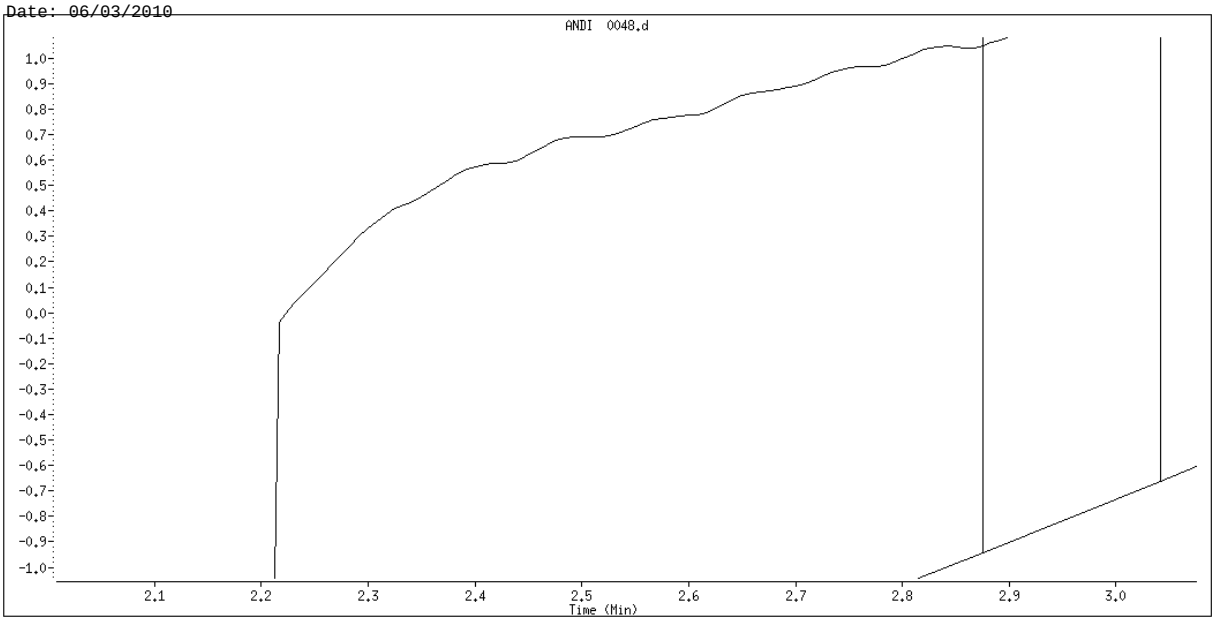
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	3.183	2.816	0.367	295180	0.02555	0.02555(aM)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.116	8.800	0.316	190516	0.74584	0.7458
7 Sulfate	Compound Not Detected.					

QC Flag Legend

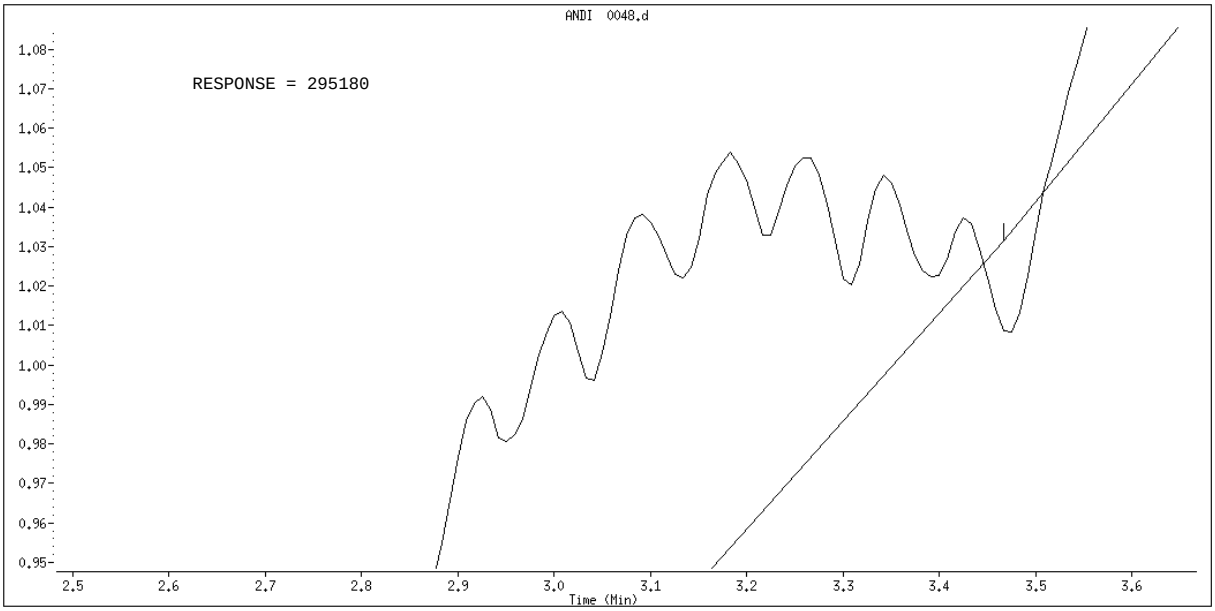
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0048.d
Date : 03-JUN-2010 02:58
Client ID:
Sample Info: L1W9A
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0048.d
Y (x10^5)
Fluoride
Chloride
Phosphate
Min

Data File Name: 0048.d
Inj. Date and Time: 03-JUN-2010 02:58
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



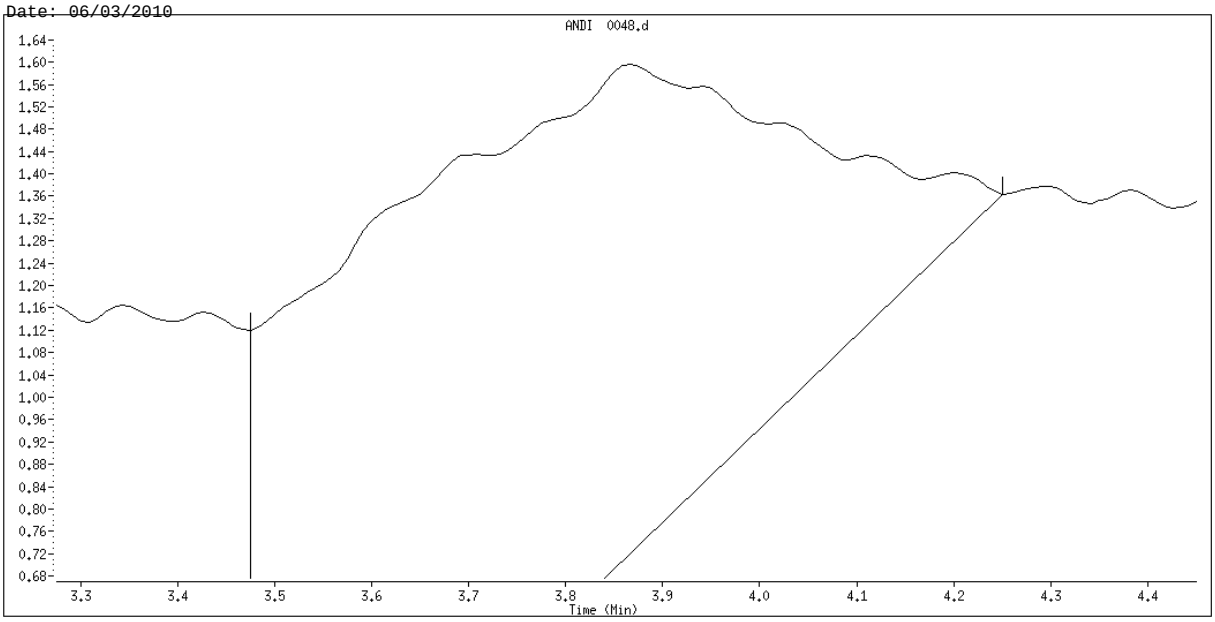
Original Integration



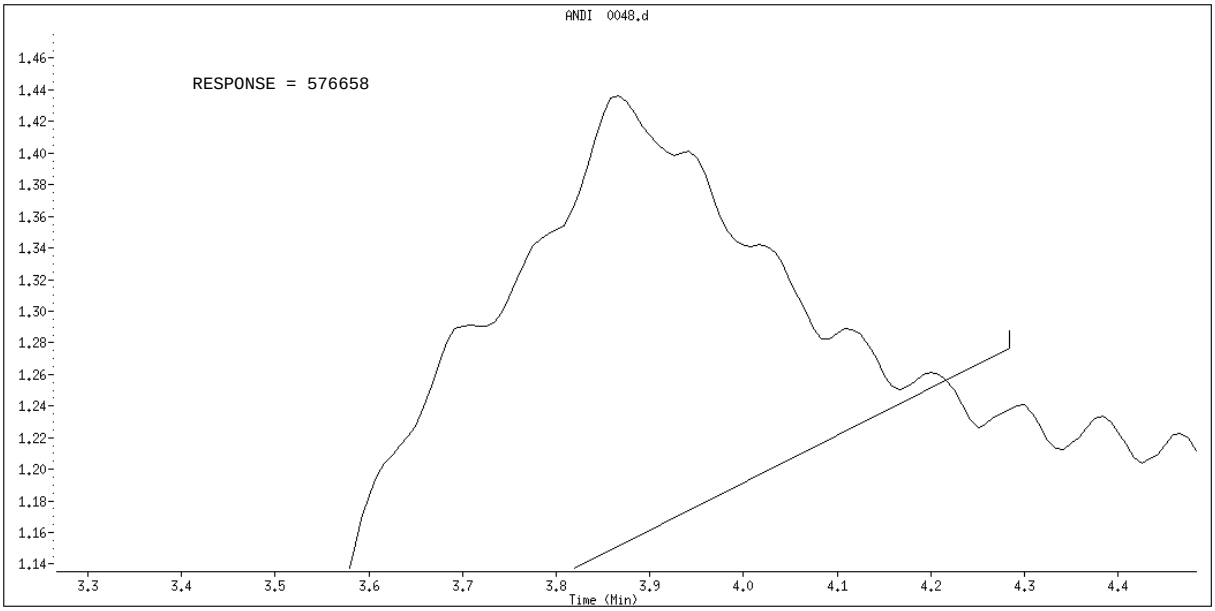
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0048.d
Inj. Date and Time: 03-JUN-2010 02:58
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0049.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 03-JUN-2010 03:15
Lab File ID: 0049.d Init. Cal. Date(s): 02-JUN-2010 02-JUN-2010
Analysis Type: WATER Init. Cal. Times: 13:37 15:56
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	11551330	11441083	11441083	0.010	0.95441	10.00000	Averaged
2 Chloride	9647610	9806403	9806403	0.010	-1.64594	10.00000	Averaged
3 Nitrite	22758984	22170222	22170222	0.010	2.58694	10.00000	Averaged
4 Bromide	3293497	3299055	3299055	0.010	-0.16877	10.00000	Averaged
5 Nitrate	18756625	18273554	18273554	0.010	2.57547	10.00000	Averaged
6 Phosphate	2.50000	2.66722	297060	0.010	-6.68889	10.00000	Linear
7 Sulfate	6513100	6424201	6424201	0.010	1.36492	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0049.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0049.d
Lab Smp Id: CCV
Inj Date : 03-JUN-2010 03:15
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

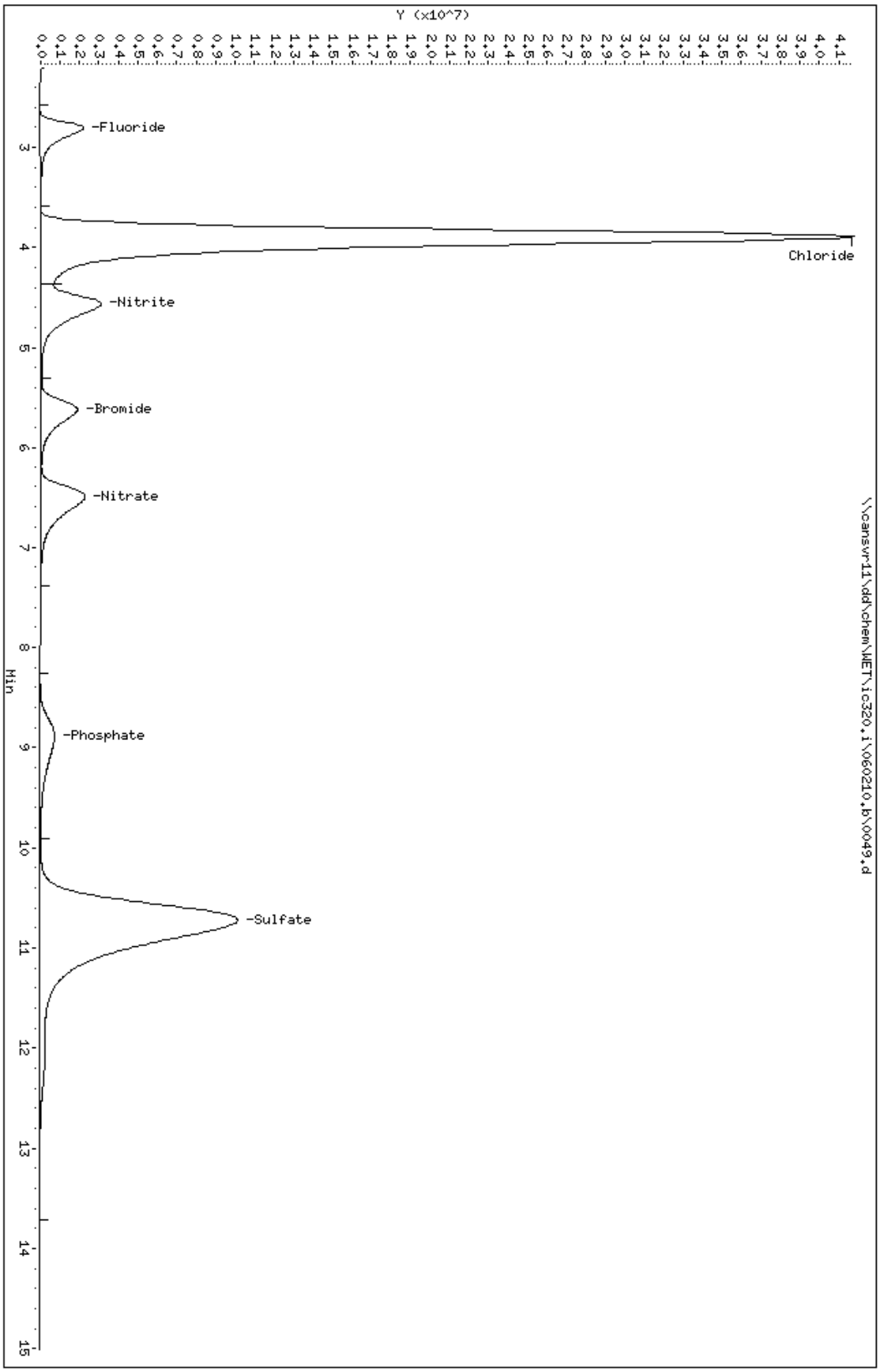
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.808	2.808	0.000	28602707	2.50000	2.476
2 Chloride	3.891	3.891	0.000	490320171	50.0000	50.82
3 Nitrite	4.558	4.558	0.000	55425556	2.50000	2.435
4 Bromide	5.616	5.616	0.000	32990551	10.0000	10.02
5 Nitrate	6.500	6.500	0.000	45683884	2.50000	2.436
6 Phosphate	8.891	8.891	0.000	742651	2.50000	2.667
7 Sulfate	10.725	10.725	0.000	321210065	50.0000	49.32

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0049.d
Date : 03-JUN-2010 03:15
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0050.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0050.d
Lab Smp Id: CCB
Inj Date : 03-JUN-2010 03:32
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

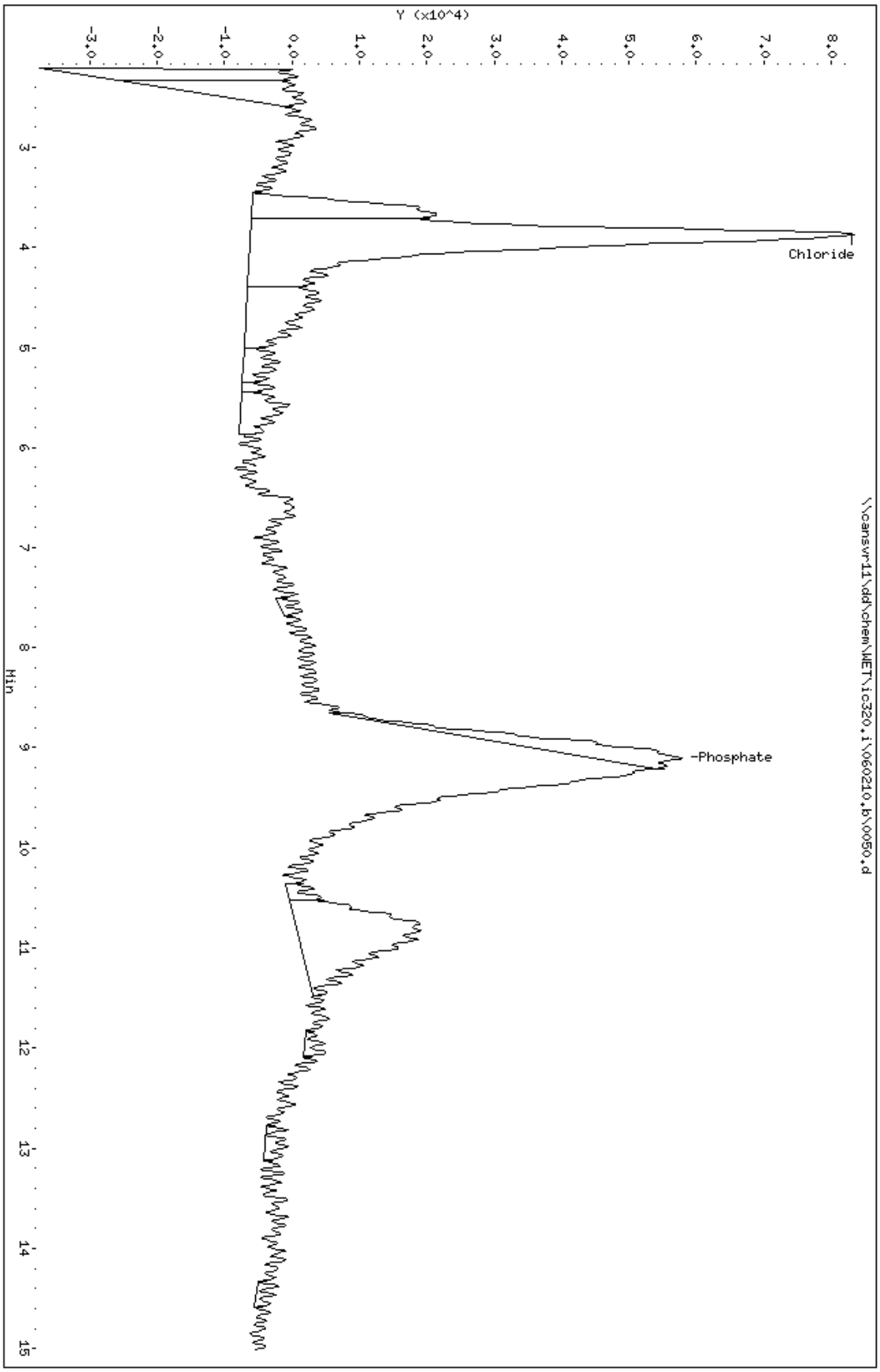
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	3.866	3.891	-0.025	1460073	0.15134	0.1513(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.108	8.891	0.217	12546	0.12653	0.1265
7 Sulfate	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0050.d
Date : 03-JUN-2010 03:32
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0050.d
Y (x10^4)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
Chloride
-Phosphate
Min
3
4
5
6
7
8
9
10
11
12
13
14
15

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0051.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0051.d
Lab Smp Id: LCS
Inj Date : 03-JUN-2010 03:50
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

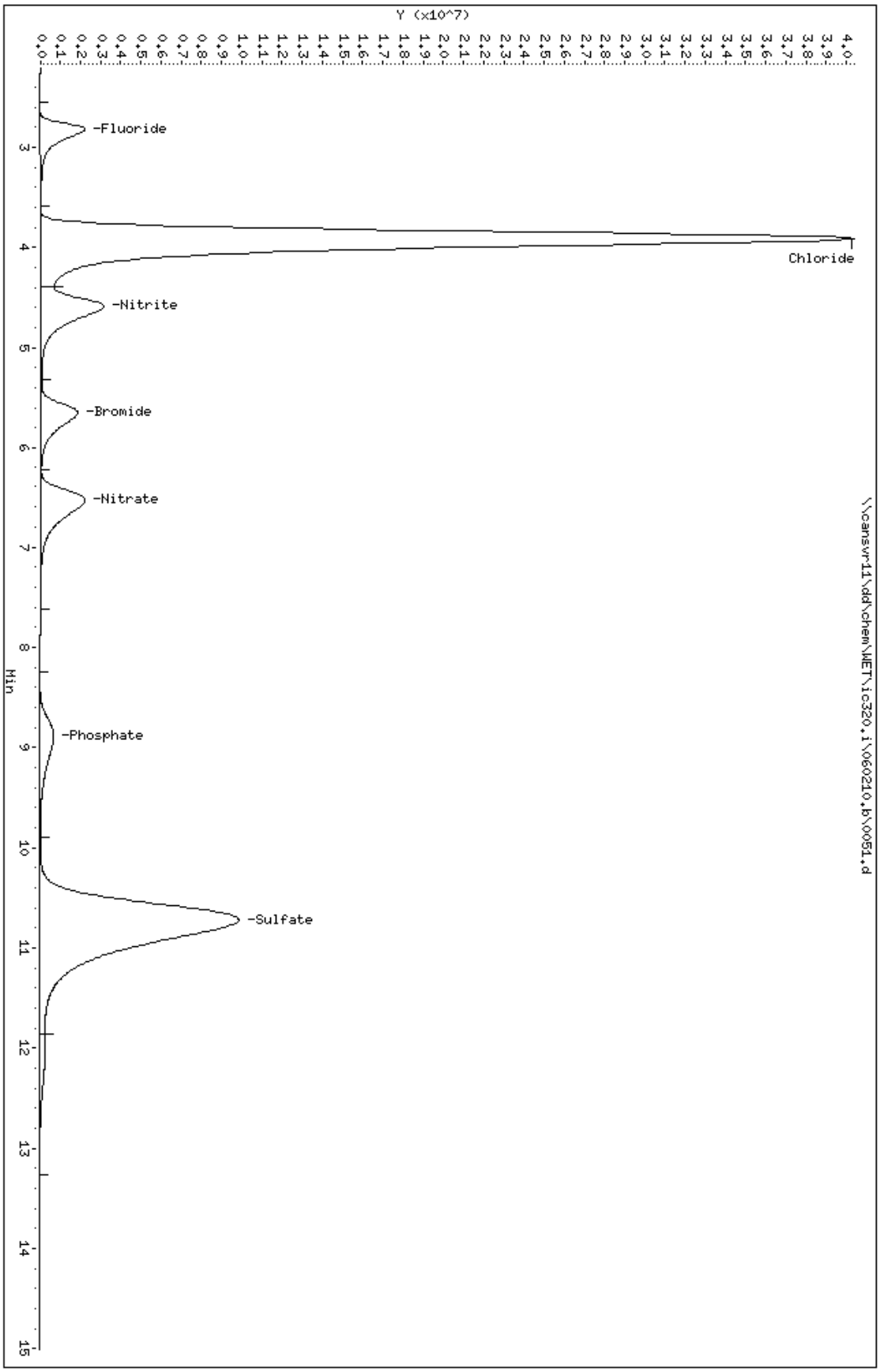
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.816	2.808	0.008	28380643	2.45692	2.457
2 Chloride	3.908	3.891	0.017	480025906	49.7559	49.76
3 Nitrite	4.583	4.558	0.025	55972713	2.45937	2.459
4 Bromide	5.650	5.616	0.034	32527917	9.87641	9.876
5 Nitrate	6.533	6.500	0.033	44586764	2.37712	2.377
6 Phosphate	8.891	8.891	0.000	693642	2.49668	2.497
7 Sulfate	10.725	10.725	0.000	301960663	46.3621	46.36

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0051.d
Date : 03-JUN-2010 03:50
Client ID:
Sample Info: LCS,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0052.d
Report Date: 03-Jun-2010 15:17

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0052.d
Lab Smp Id: LCS DUP
Inj Date : 03-JUN-2010 04:07
Operator : 001754 Inst ID: ic320.i
Smp Info : LCS DUP,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

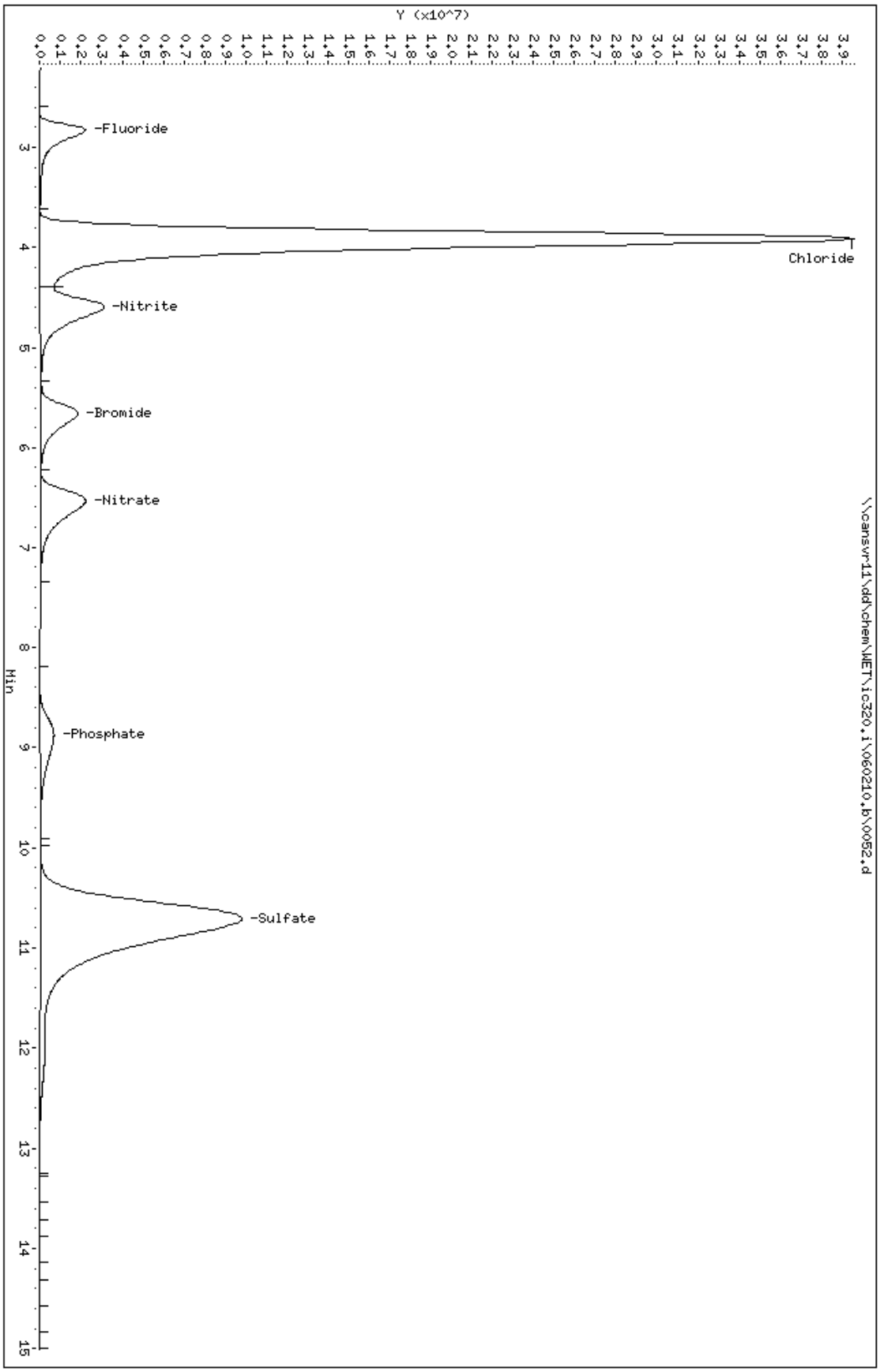
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	28171829	2.43884	2.439
2 Chloride	3.908	3.941	-0.033	475268609	49.2628	49.26
3 Nitrite	4.591	4.633	-0.042	55613709	2.44359	2.444
4 Bromide	5.658	5.750	-0.092	31865494	9.67528	9.675
5 Nitrate	6.541	6.675	-0.134	44027386	2.34730	2.347
6 Phosphate	8.875	8.800	0.075	685175	2.46721	2.467
7 Sulfate	10.708	10.658	0.050	303330275	46.5723	46.57(M)

QC Flag Legend

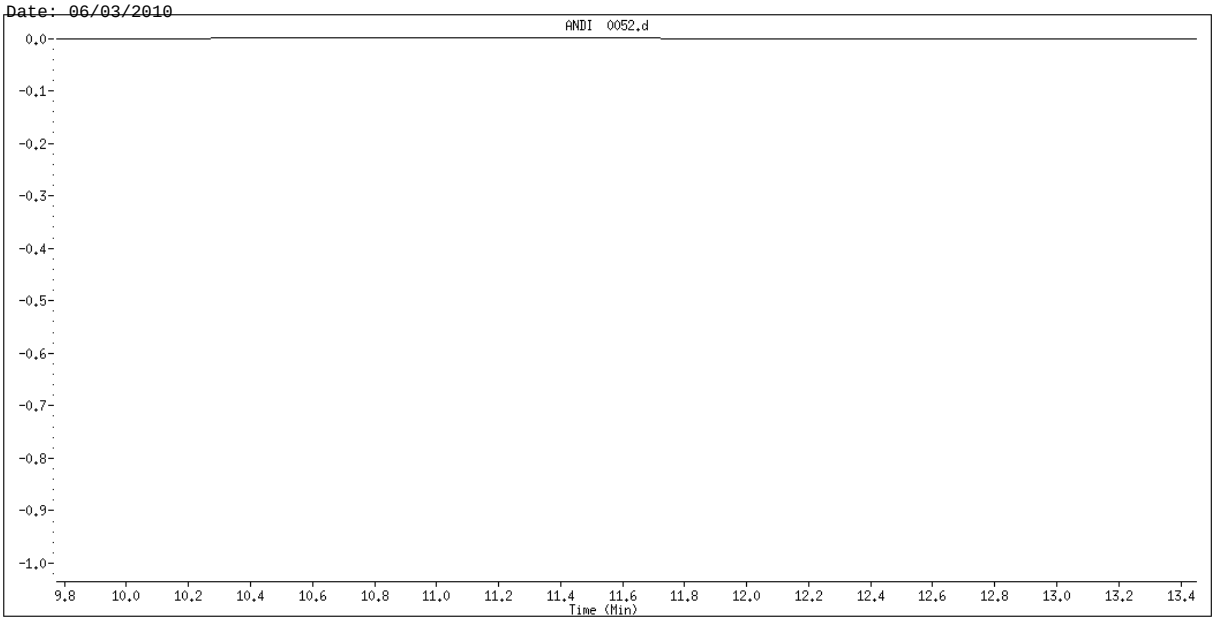
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0052.d
Date : 03-JUN-2010 04:07
Client ID:
Sample Info: LCS DUP,3
Purge Volume: 1.0
Column phase: AS14

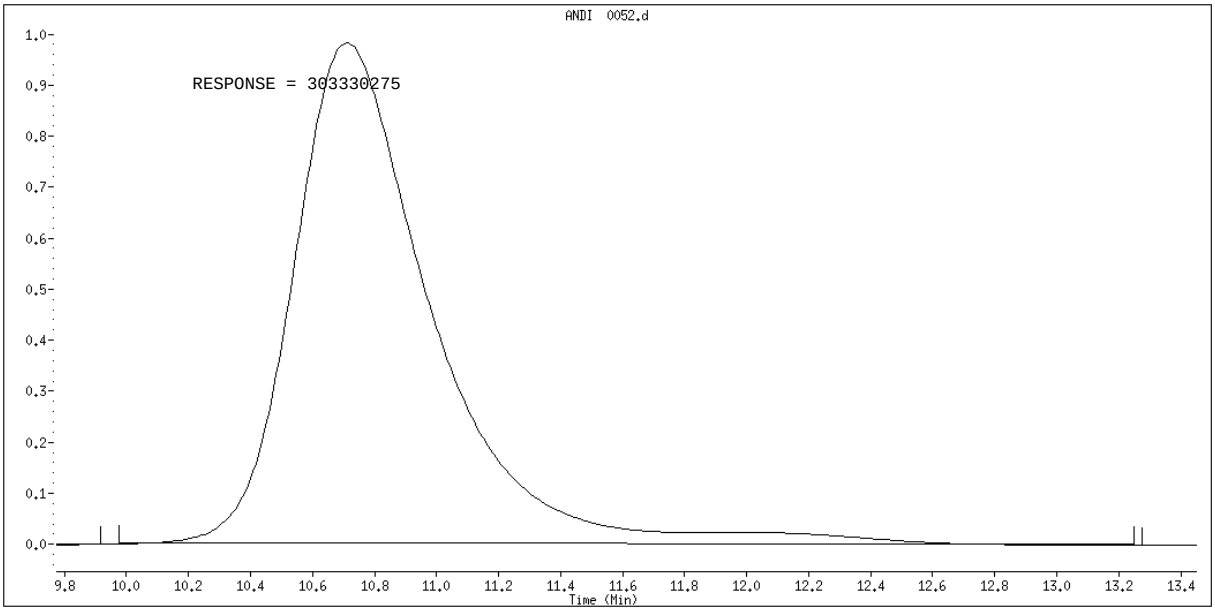
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0052.d
Inj. Date and Time: 03-JUN-2010 04:07
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0053.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0053.d
Lab Smp Id: L1W9E
Inj Date : 03-JUN-2010 04:25
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W9E
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

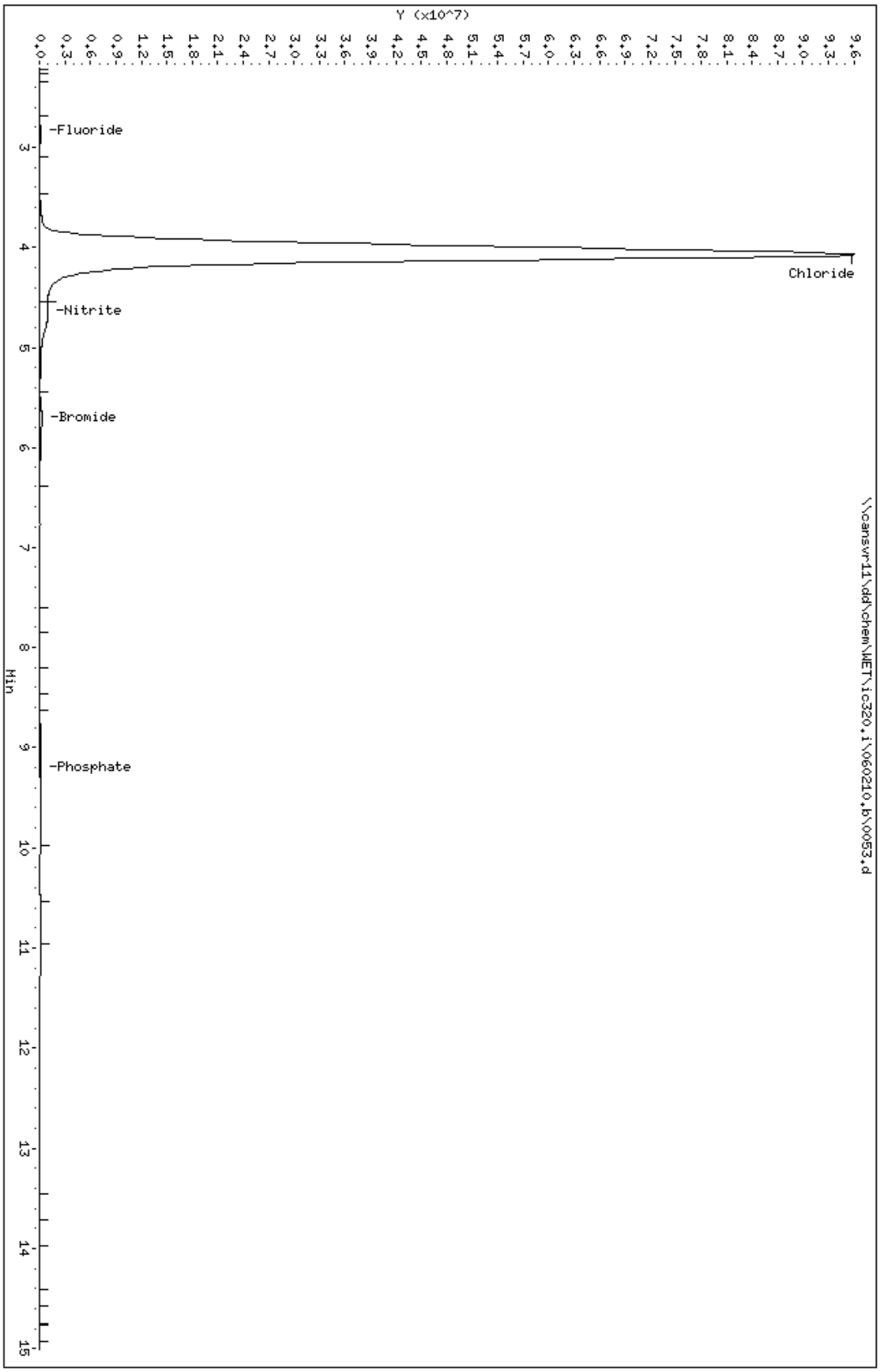
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.833	2.808	0.025	599090	0.05186	0.05186
2 Chloride	4.066	3.891	0.175	1021029472	105.832	105.8
3 Nitrite	4.633	4.558	0.075	19752047	0.86788	0.8679
4 Bromide	5.700	5.616	0.084	3997875	1.21387	1.214
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.200	8.891	0.309	91881	0.40260	0.4026
7 Sulfate	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0053.d
Date : 03-JUN-2010 04:25
Client ID:
Sample Info: L1W9E
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0054.d
Report Date: 03-Jun-2010 15:02

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0054.d
Lab Smp Id: L1W9G
Inj Date : 03-JUN-2010 04:42
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W9G
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

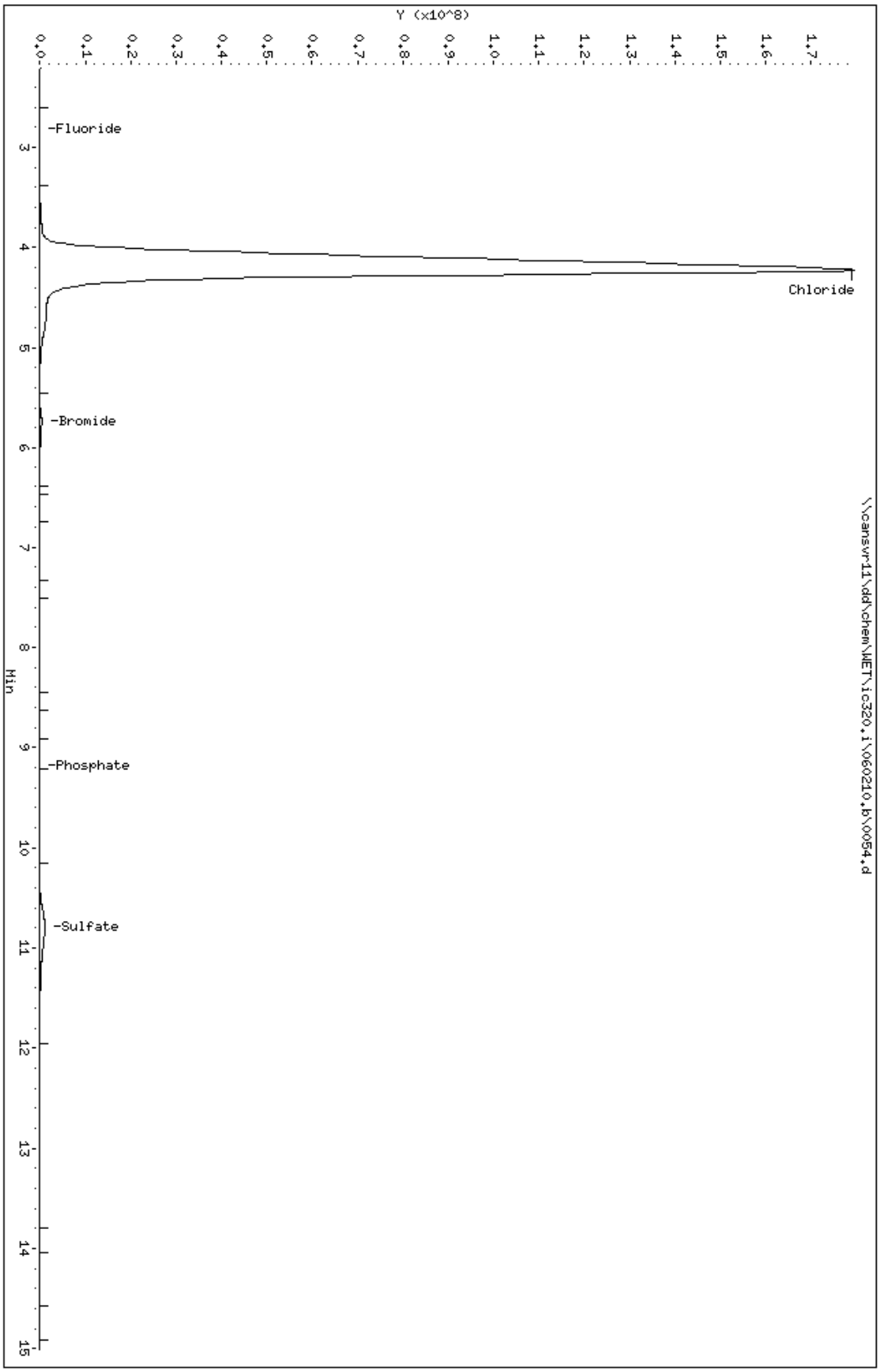
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	1191762	0.10317	0.1032
2 Chloride	4.225	3.941	0.284	2092053897	216.847	216.8(AM)
3 Nitrite	Compound Not Detected.					
4 Bromide	5.733	5.750	-0.017	8005817	2.43080	2.431
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.191	8.800	0.391	2908	0.09299	0.09299
7 Sulfate	10.800	10.658	0.142	36188015	5.55619	5.556

QC Flag Legend

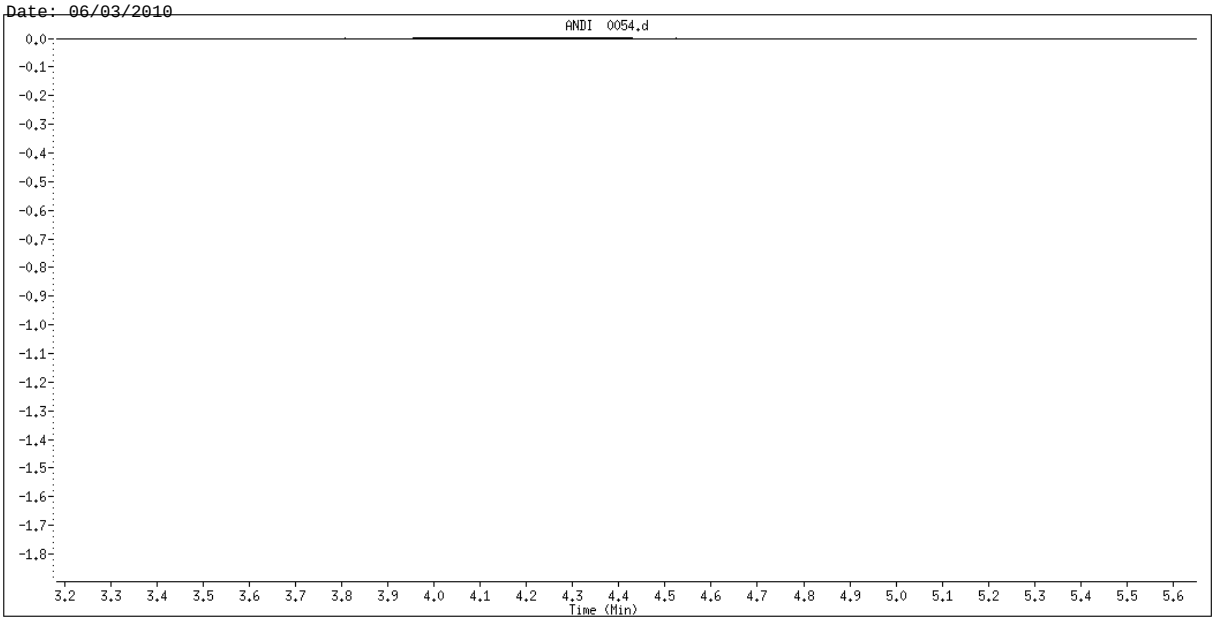
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0054.d
Date : 03-JUN-2010 04:42
Client ID:
Sample Info: L1W9G
Purge Volume: 1.0
Column Phase: AS14

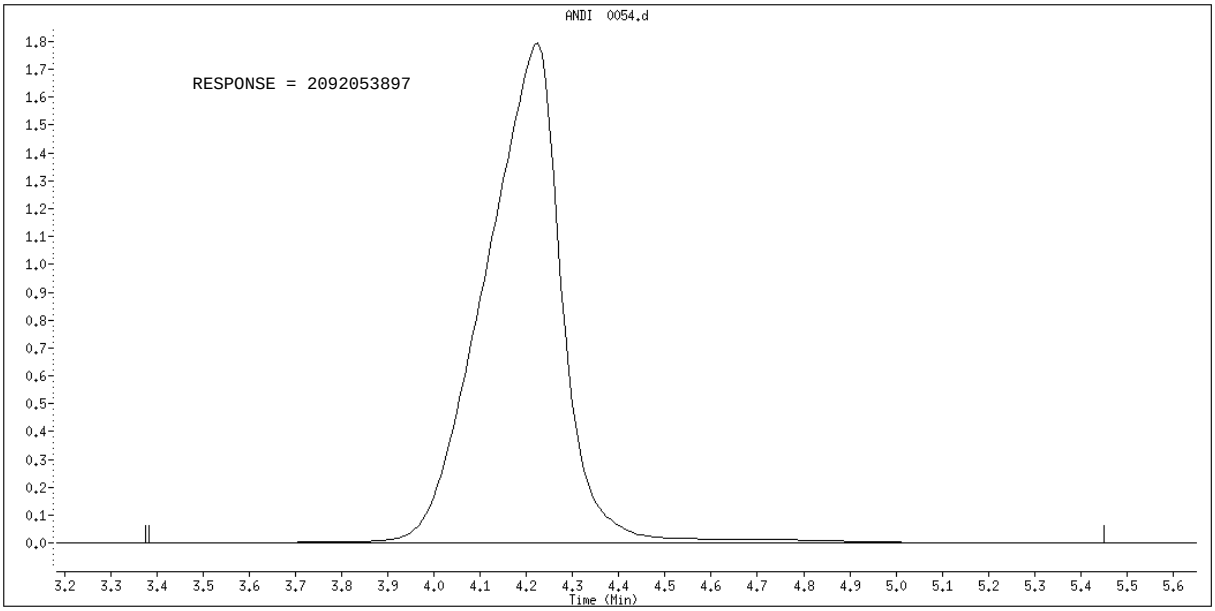
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0054.d
Inj. Date and Time: 03-JUN-2010 04:42
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0055.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0055.d
Lab Smp Id: L1W9J
Inj Date : 03-JUN-2010 04:59
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W9J
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

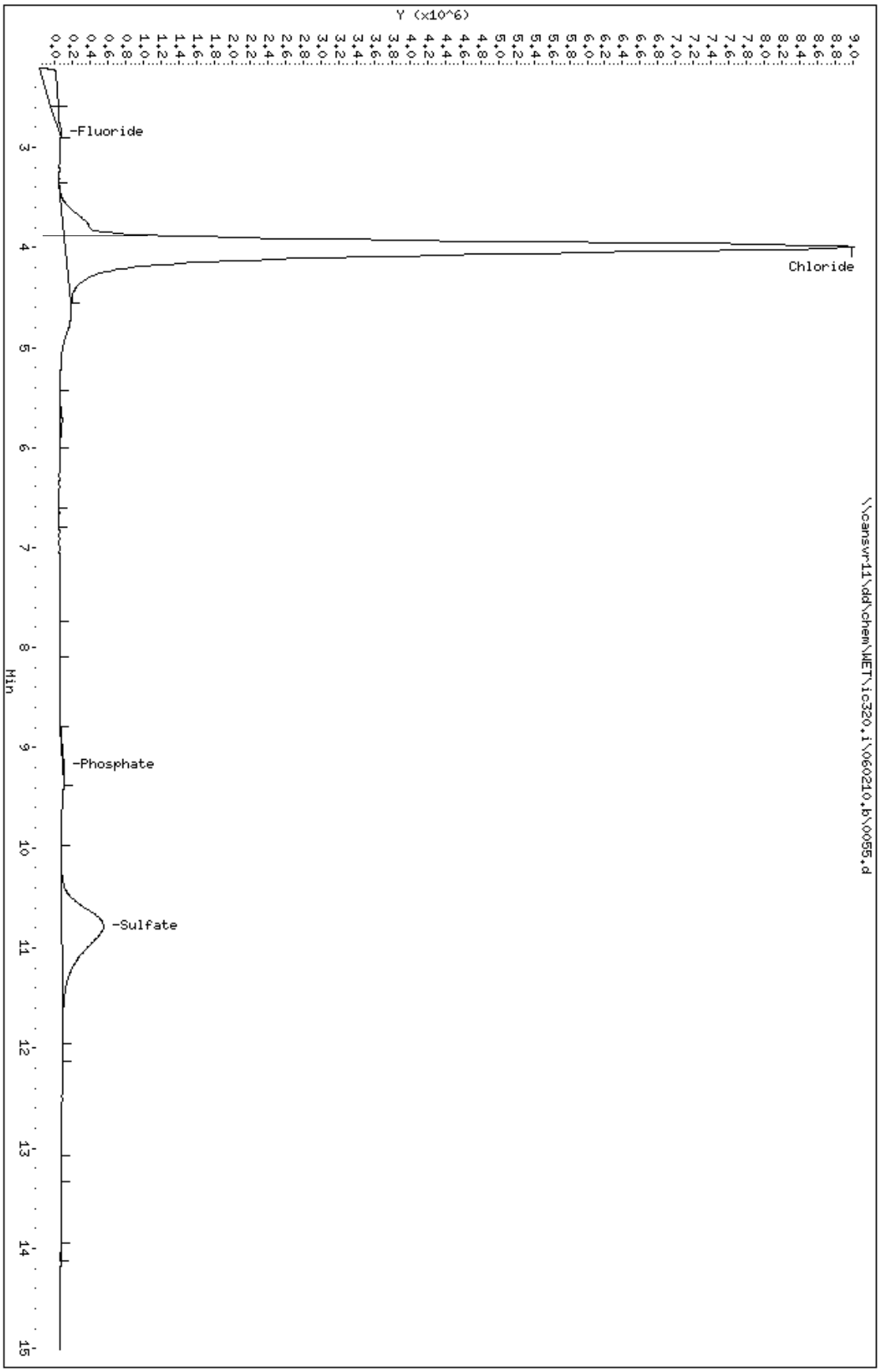
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.850	2.808	0.042	764041	0.06614	0.06614
2 Chloride	3.991	3.891	0.100	91597053	9.49427	9.494
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.175	8.891	0.284	16082	0.13883	0.1388
7 Sulfate	10.783	10.725	0.058	14966916	2.29797	2.298

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0055.d
Date : 03-JUN-2010 04:59
Client ID:
Sample Info: L1W9J
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0056.d
Report Date: 03-Jun-2010 15:03

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0056.d
Lab Smp Id: L1W9Q
Inj Date : 03-JUN-2010 05:17
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W9Q
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

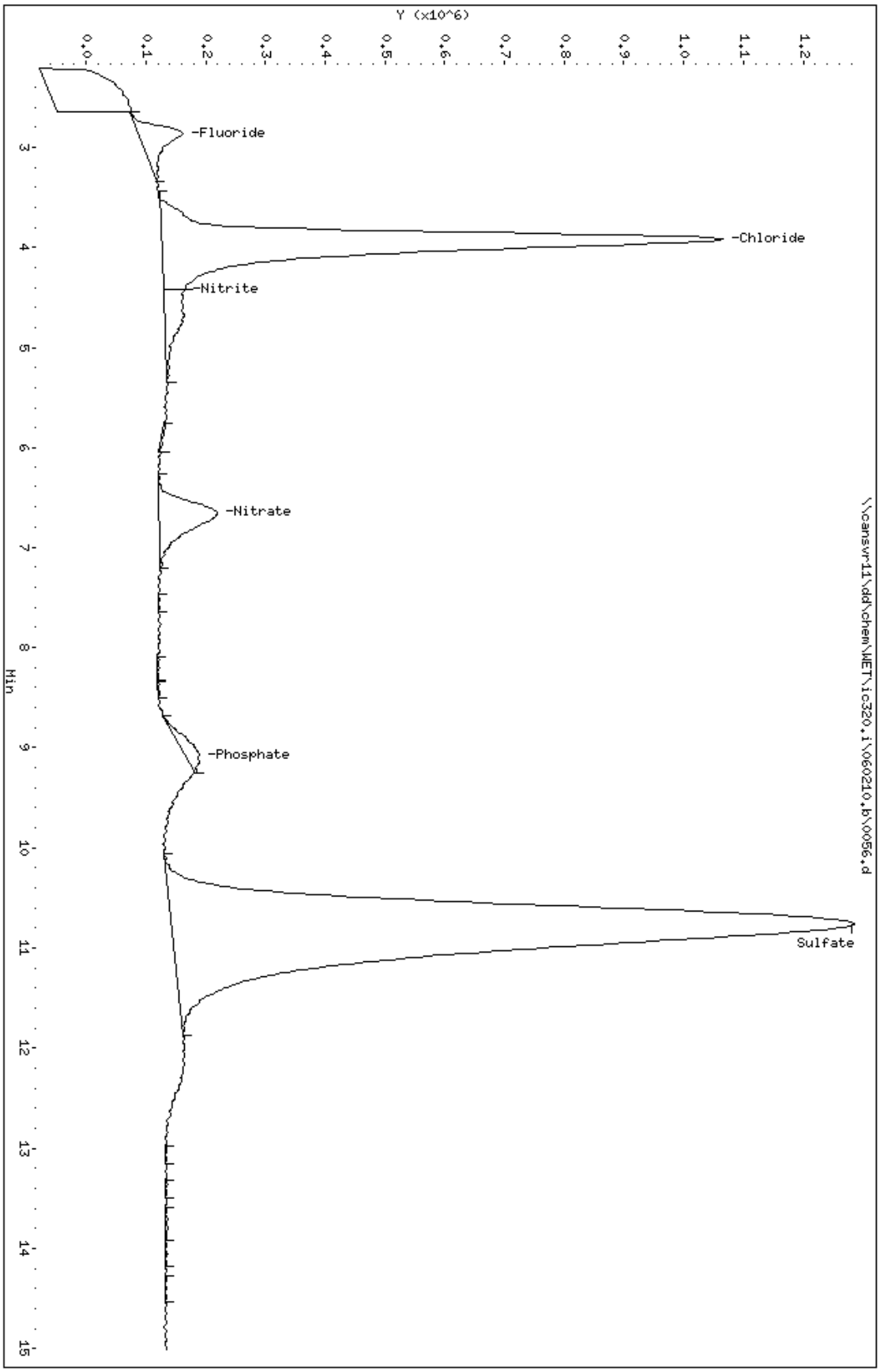
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.858	2.816	0.042	1113296	0.09638	0.09638(M)
2 Chloride	3.916	3.941	-0.025	13367672	1.38559	1.386(M)
3 Nitrite	4.416	4.633	-0.217	981607	0.04313	0.04313(aM)
4 Bromide	Compound Not Detected.					
5 Nitrate	6.658	6.675	-0.017	1962216	0.10461	0.1046
6 Phosphate	9.075	8.800	0.275	23929	0.16614	0.1661
7 Sulfate	10.758	10.658	0.100	35250234	5.41221	5.412

QC Flag Legend

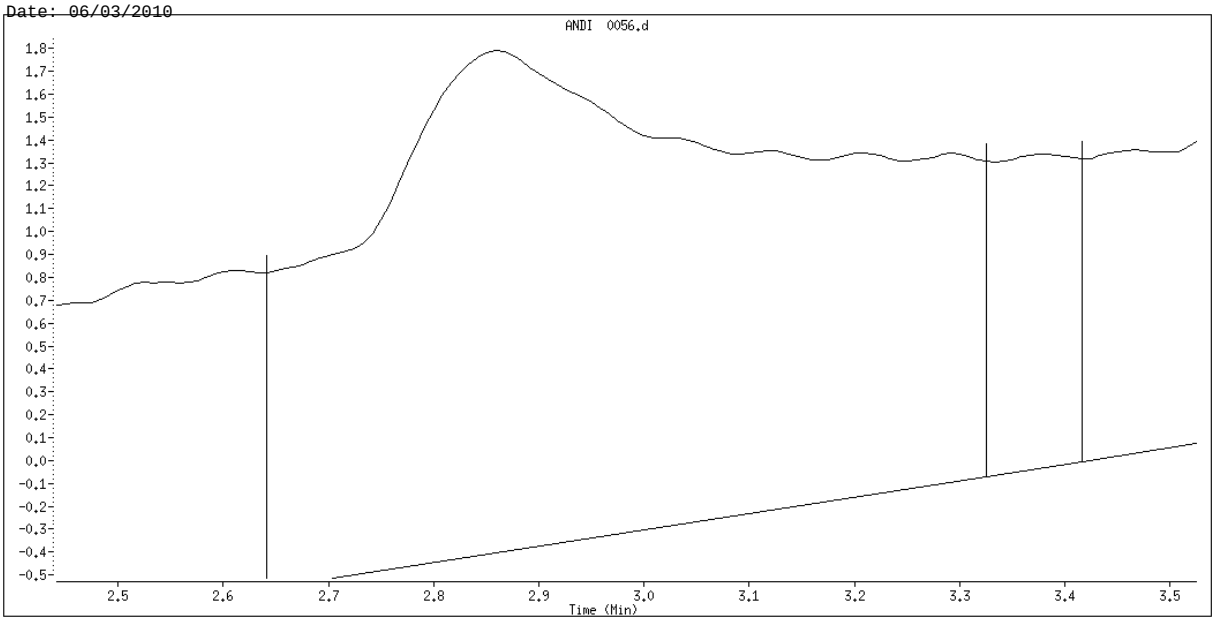
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0056.d
Date : 03-JUN-2010 05:17
Client ID:
Sample Info: L1W9Q
Purge Volume: 1.0
Column phase: AS14

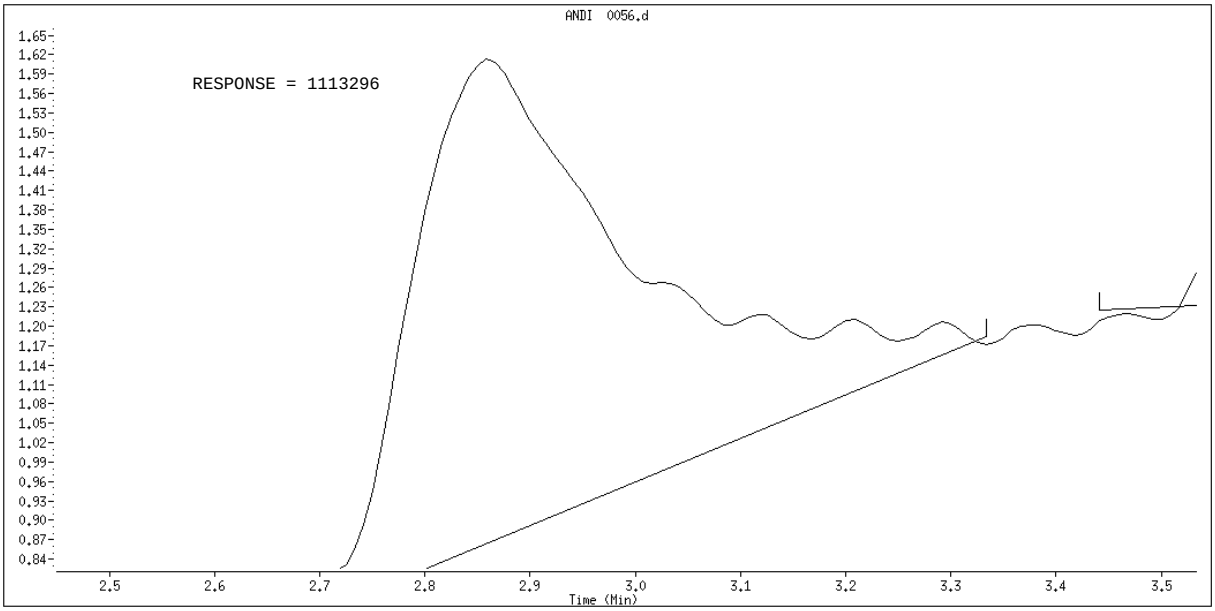
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0056.d
Inj. Date and Time: 03-JUN-2010 05:17
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



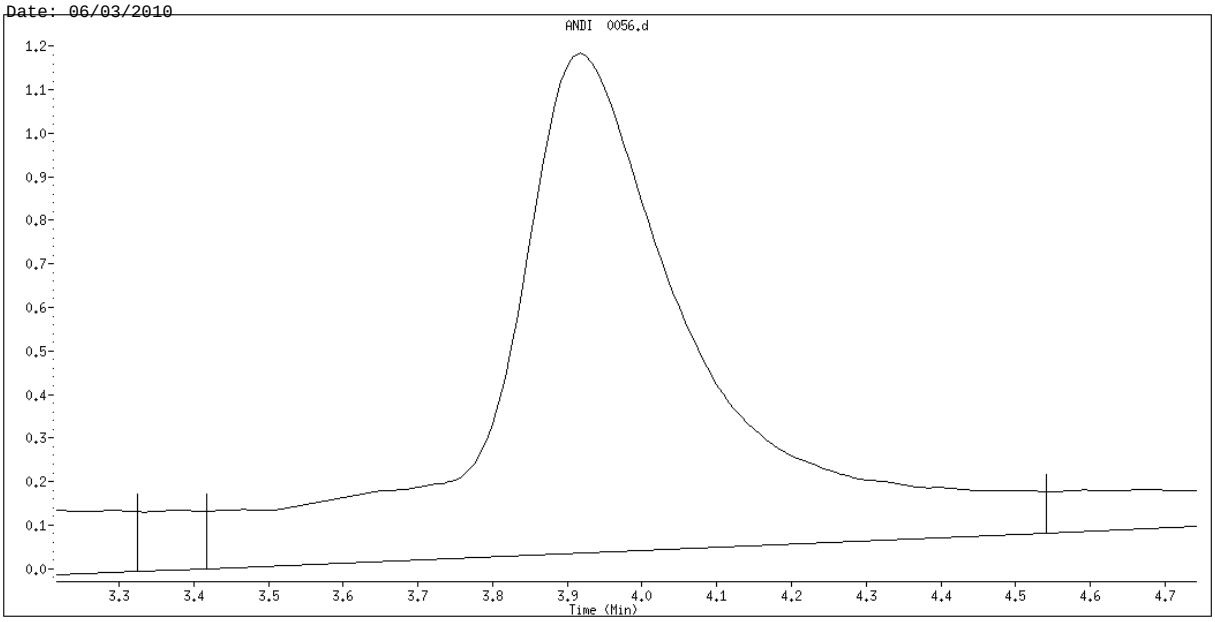
Original Integration



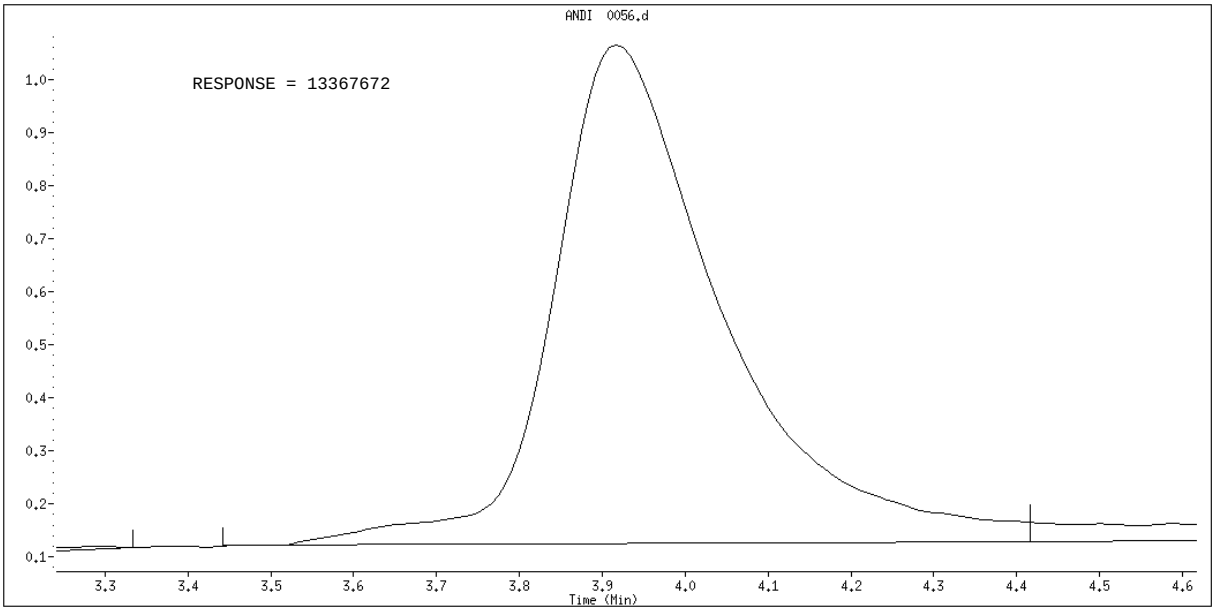
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0056.d
Inj. Date and Time: 03-JUN-2010 05:17
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



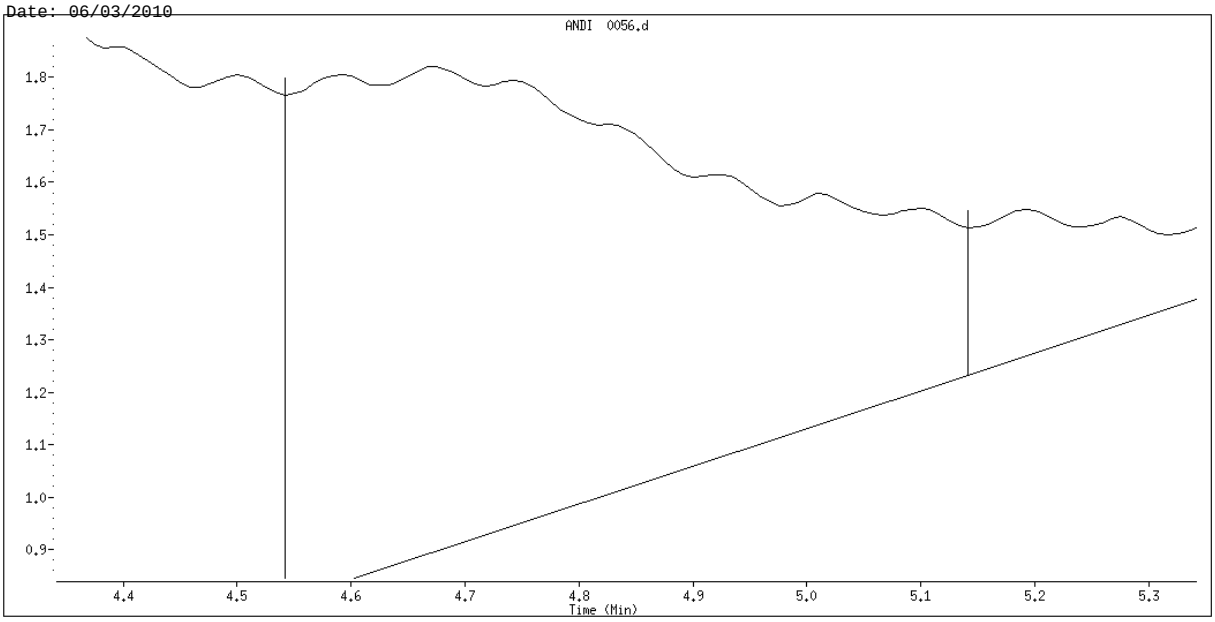
Original Integration



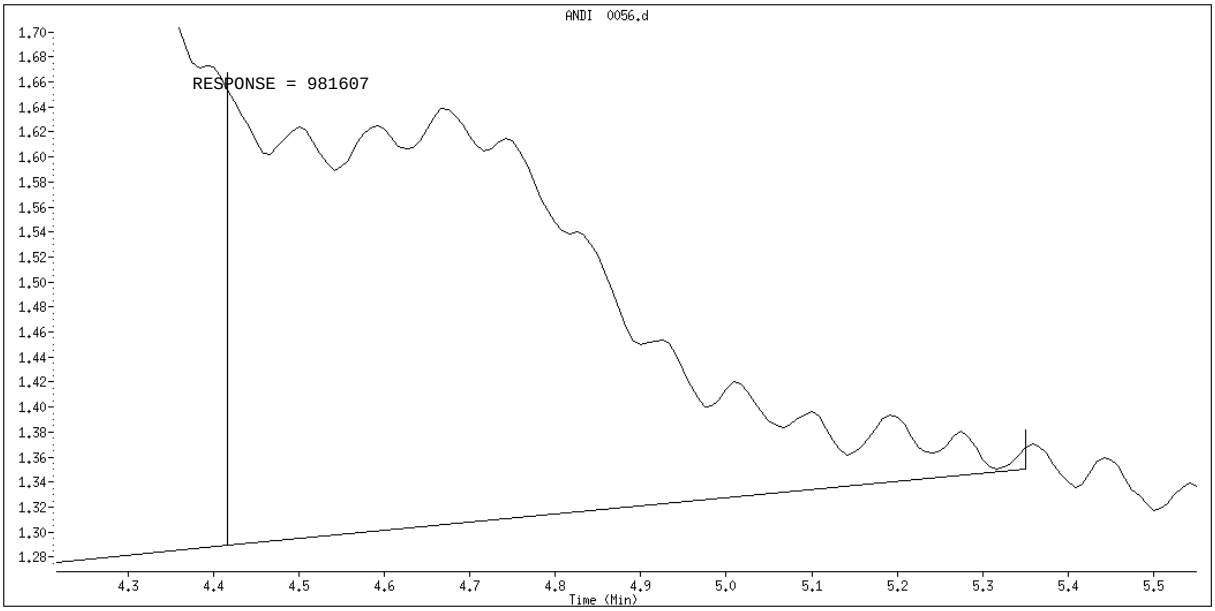
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0056.d
Inj. Date and Time: 03-JUN-2010 05:17
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0057.d
Report Date: 03-Jun-2010 15:04

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0057.d
Lab Smp Id: L1W9T
Inj Date : 03-JUN-2010 05:34
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W9T
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

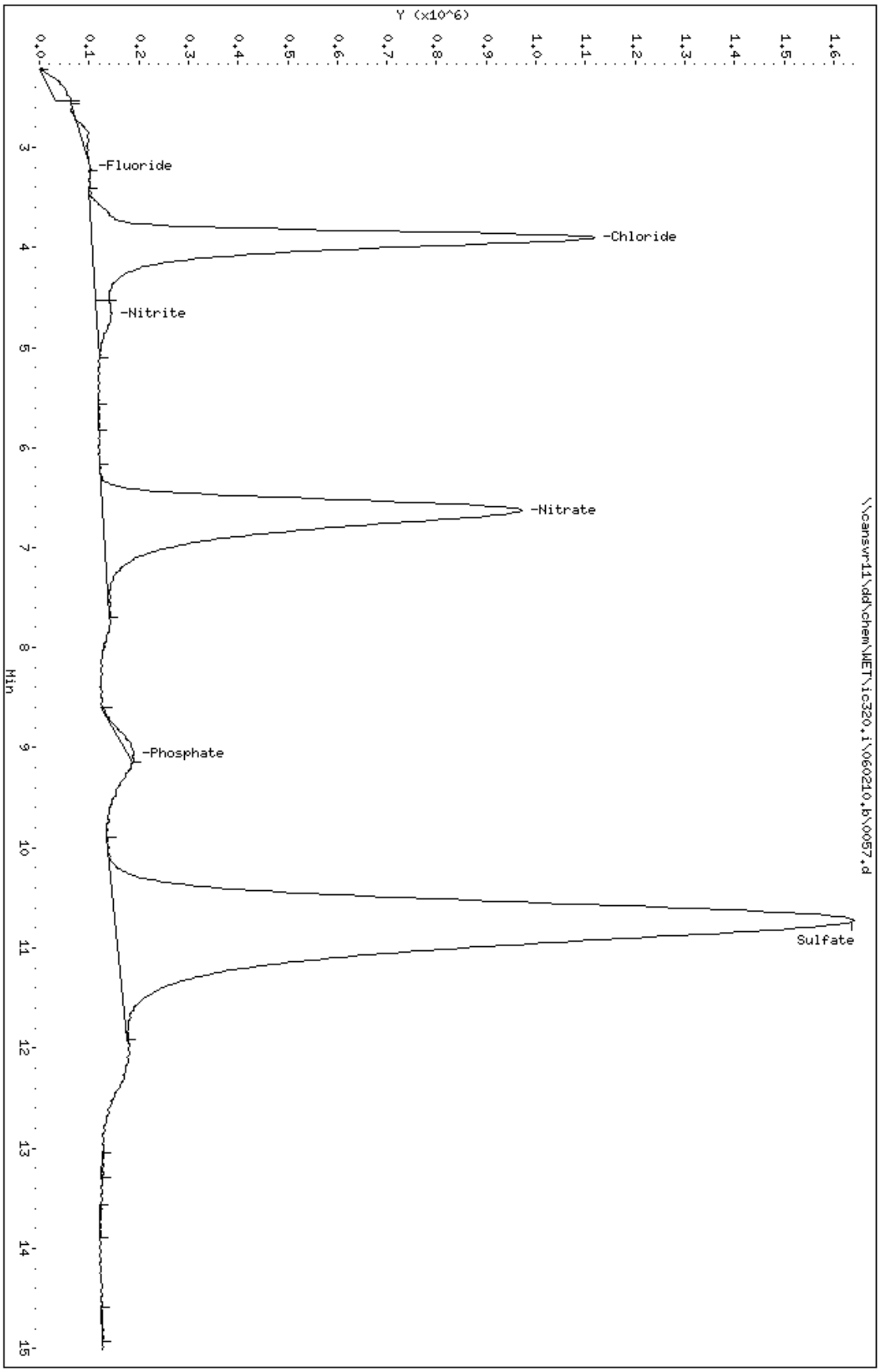
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
2 Chloride	3.900	3.941	-0.041	14360161	1.48847	1.488
3 Nitrite	4.658	4.633	0.025	567939	0.02495	0.02495(a)
4 Bromide	Compound Not Detected.					
5 Nitrate	6.633	6.675	-0.042	17652238	0.94112	0.9411
6 Phosphate	9.058	8.800	0.258	13215	0.12885	0.1288
7 Sulfate	10.725	10.658	0.067	45686516	7.01456	7.014

QC Flag Legend

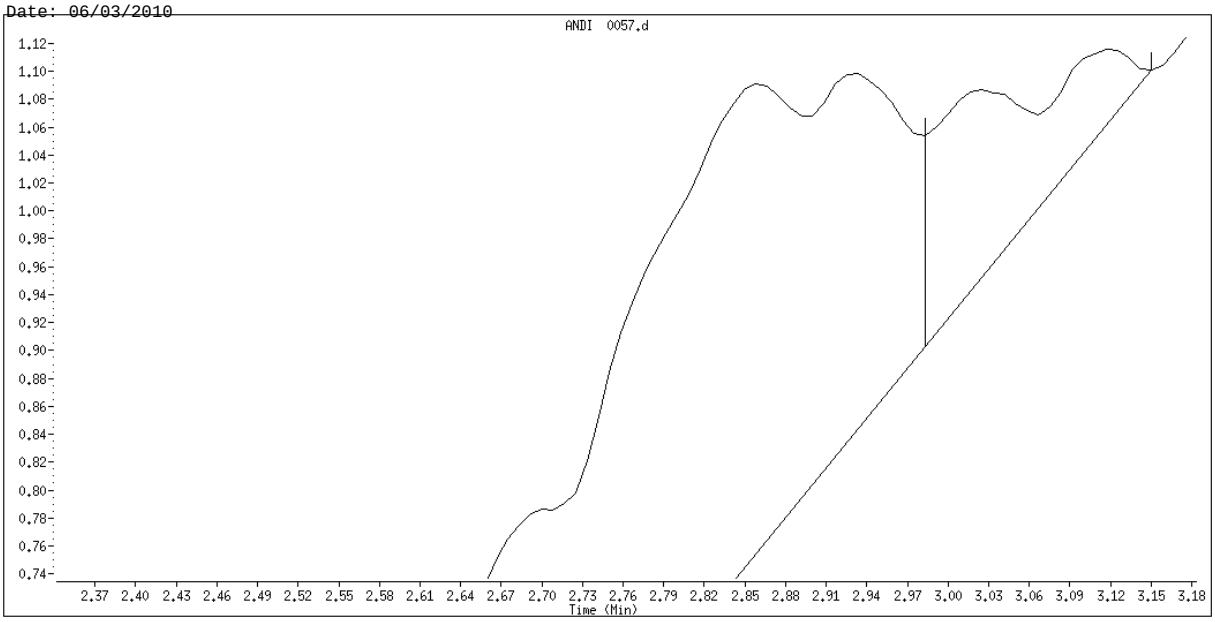
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0057.d
Date : 03-JUN-2010 05:34
Client ID:
Sample Info: L1W9T
Purge Volume: 1.0
Column Phase: AS14

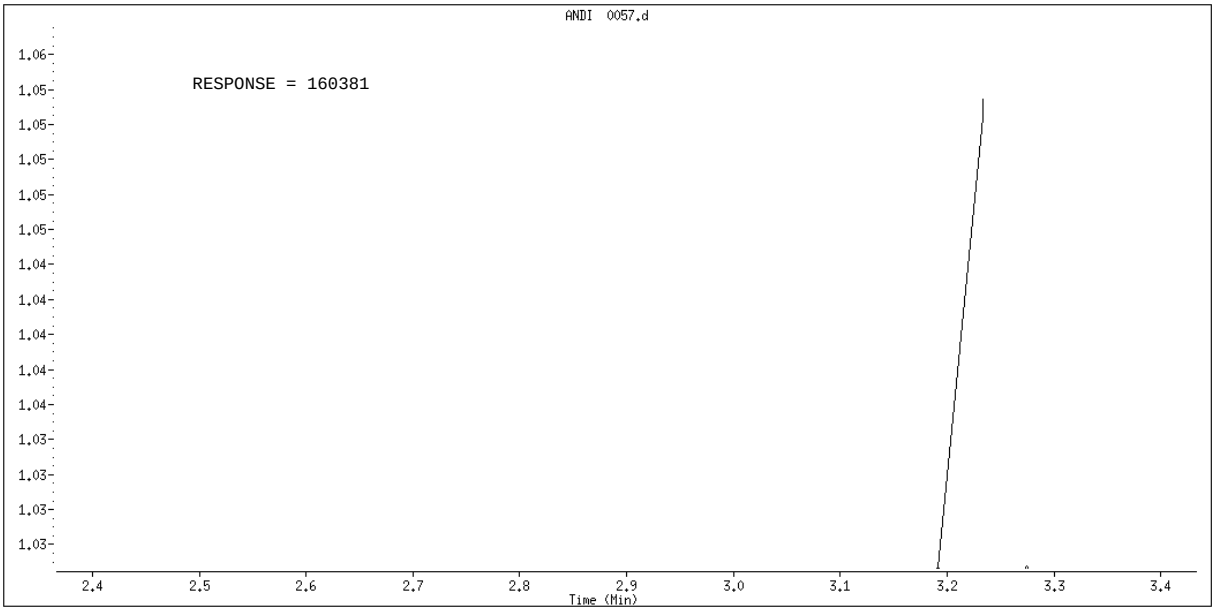
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0057.d
Inj. Date and Time: 03-JUN-2010 05:34
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0058.d
Report Date: 03-Jun-2010 15:04

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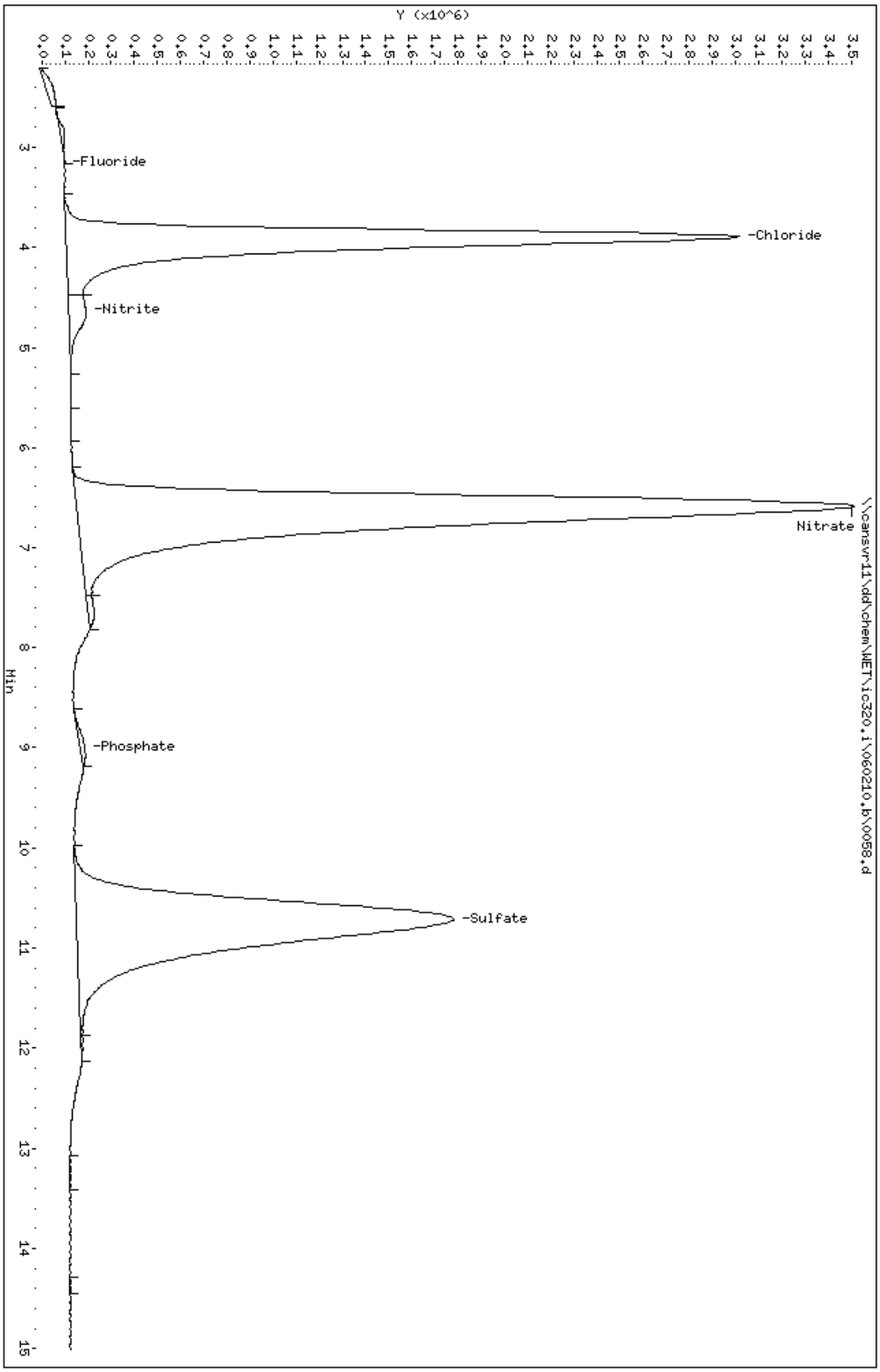
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0058.d
Lab Smp Id: L1W9V
Inj Date : 03-JUN-2010 05:52
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W9V
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

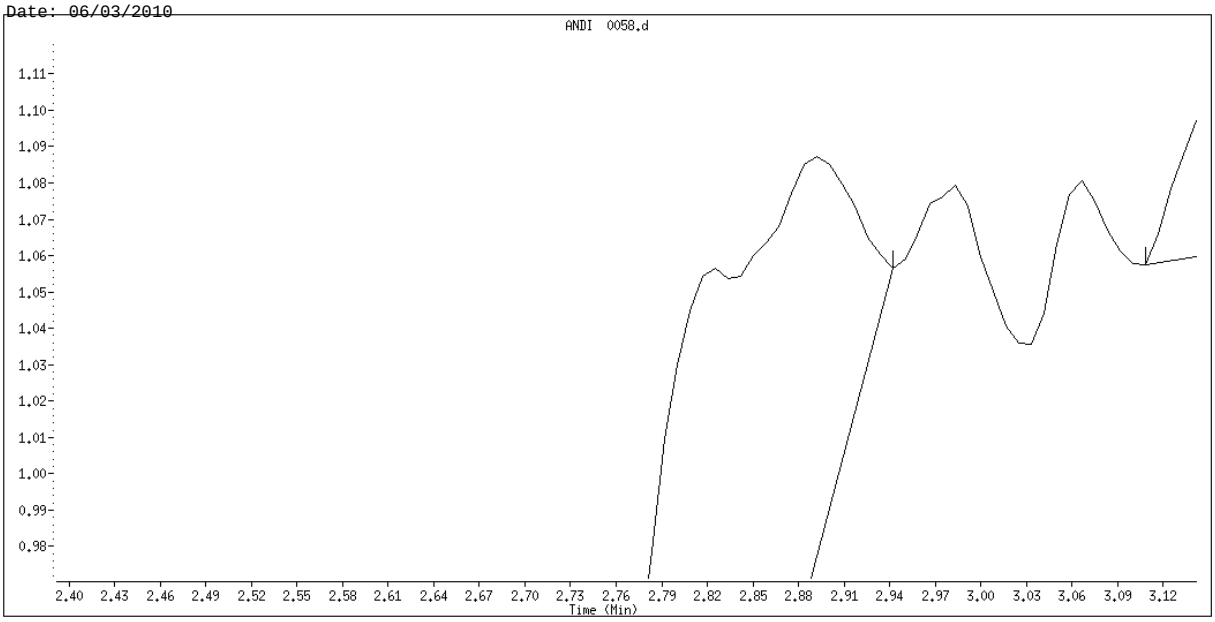
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

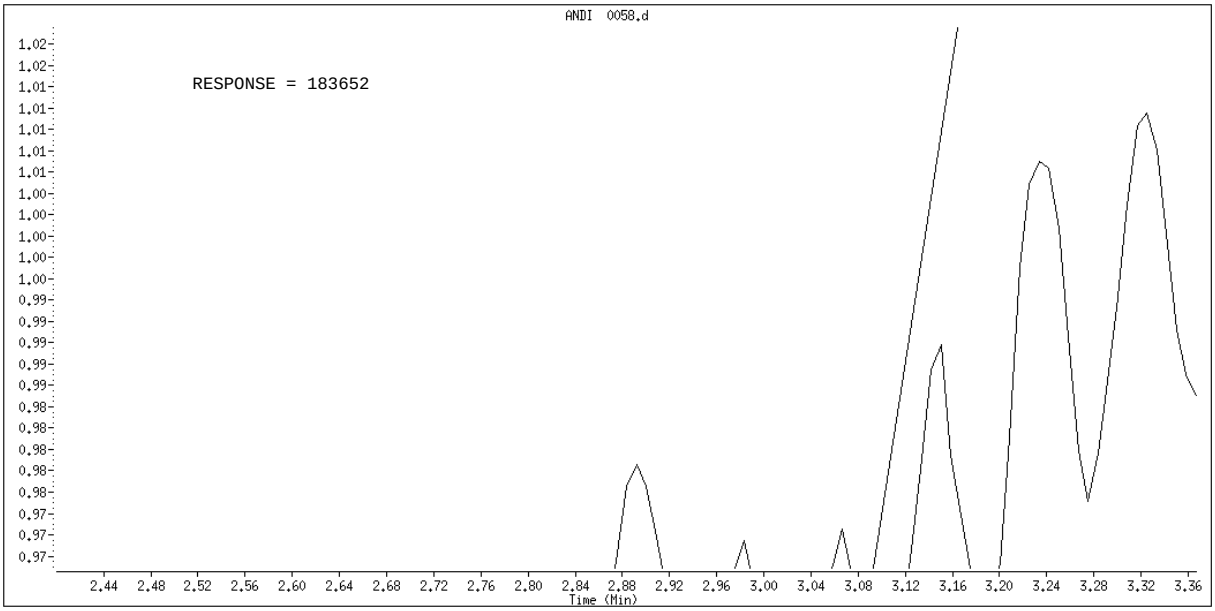
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
2 Chloride	3.891	3.941	-0.050	38814440	4.02322	4.023
3 Nitrite	4.625	4.633	-0.008	1758129	0.07725	0.07725
4 Bromide	Compound Not Detected.					
5 Nitrate	6.591	6.675	-0.084	69318858	3.69570	3.696
6 Phosphate	9.000	8.800	0.200	20846	0.15541	0.1554
7 Sulfate	10.716	10.658	0.058	49949502	7.66908	7.669


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0058.d
Date : 03-JUN-2010 05:52
Client ID:
Sample Info: L1W9V
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0058.d
Y (x10^6)
Min
Fluoride
Chloride
Nitrite
Nitrate
Phosphate
Sulfate

Data File Name: 0058.d
Inj. Date and Time: 03-JUN-2010 05:52
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0059.d
Report Date: 03-Jun-2010 15:04

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ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0059.d
Lab Smp Id: L1W9W ORG
Inj Date : 03-JUN-2010 06:09
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W9W ORG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

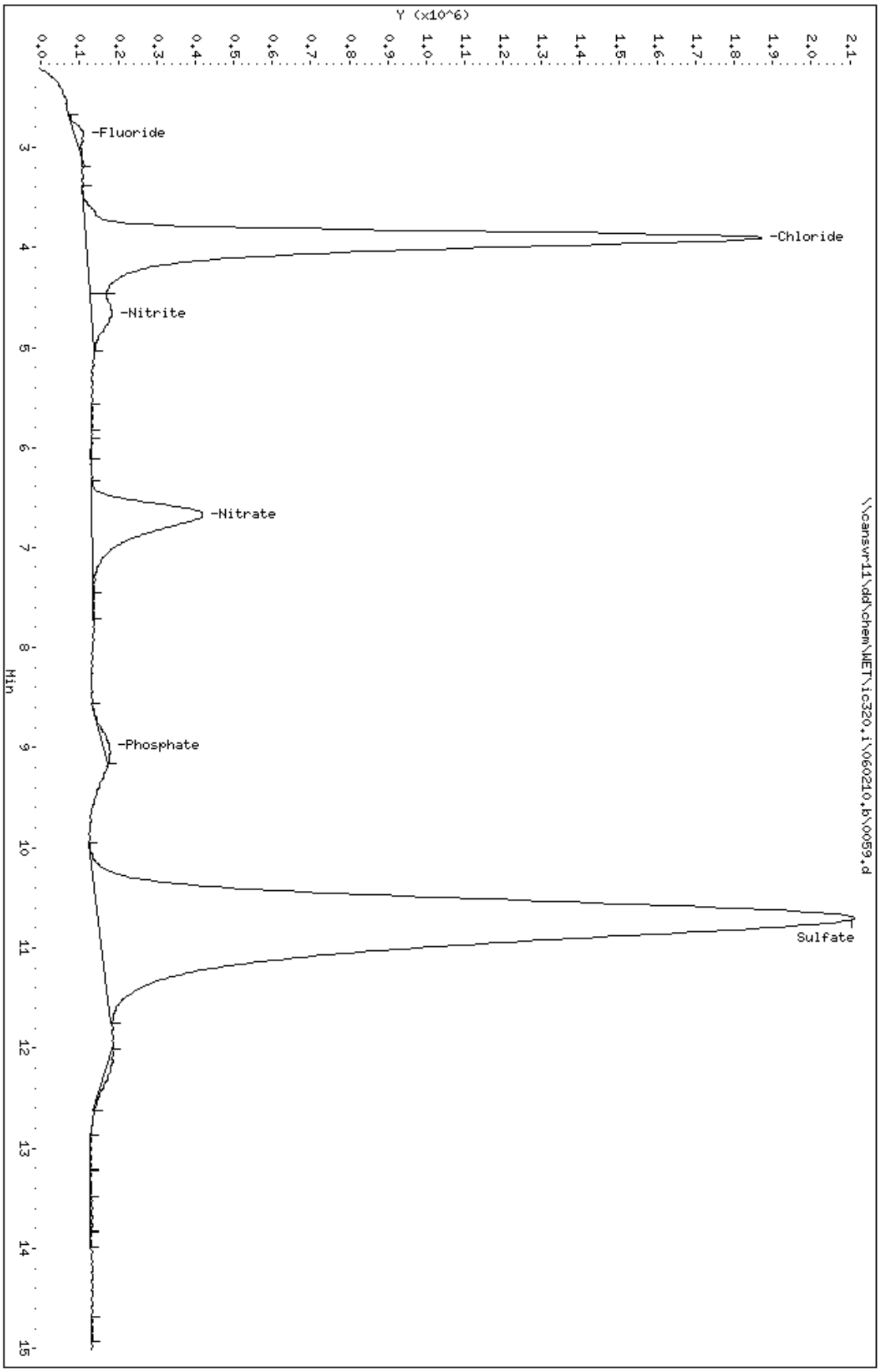
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

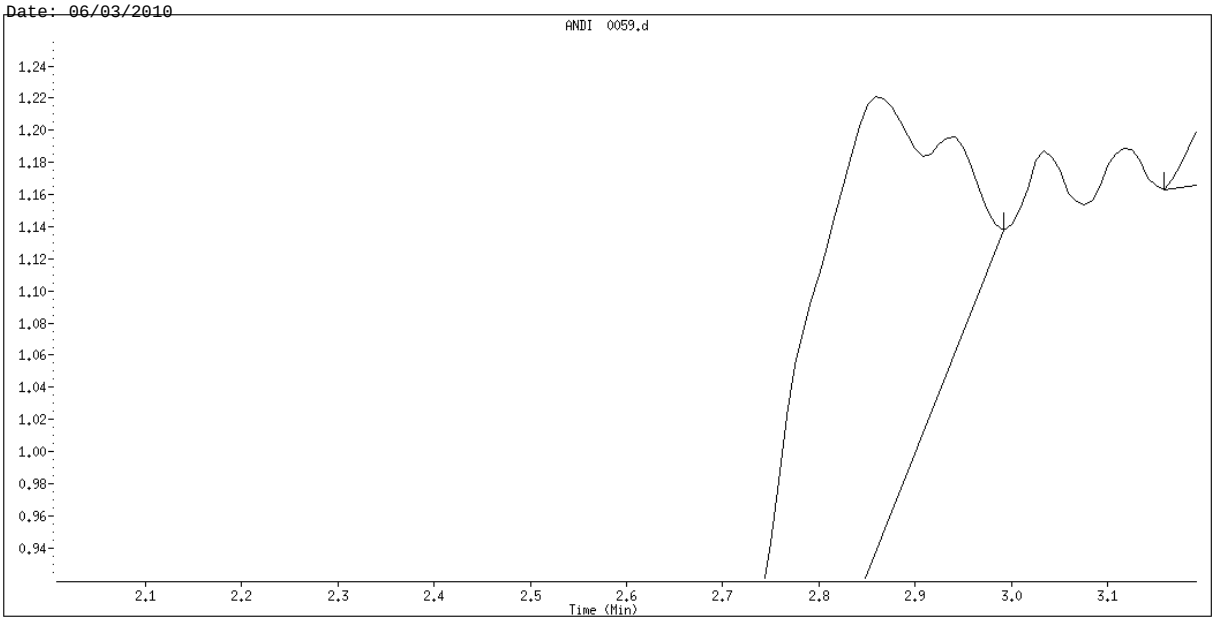
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.858	2.816	0.042	293453	0.02540	0.02540(aM)
2 Chloride	3.900	3.941	-0.041	23859682	2.47312	2.473
3 Nitrite	4.658	4.633	0.025	1079226	0.04742	0.04742(a)
4 Bromide	Compound Not Detected.					
5 Nitrate	6.675	6.675	0.000	6036237	0.32182	0.3218
6 Phosphate	8.983	8.800	0.183	15176	0.13568	0.1357
7 Sulfate	10.700	10.658	0.042	59456932	9.12882	9.129

QC Flag Legend

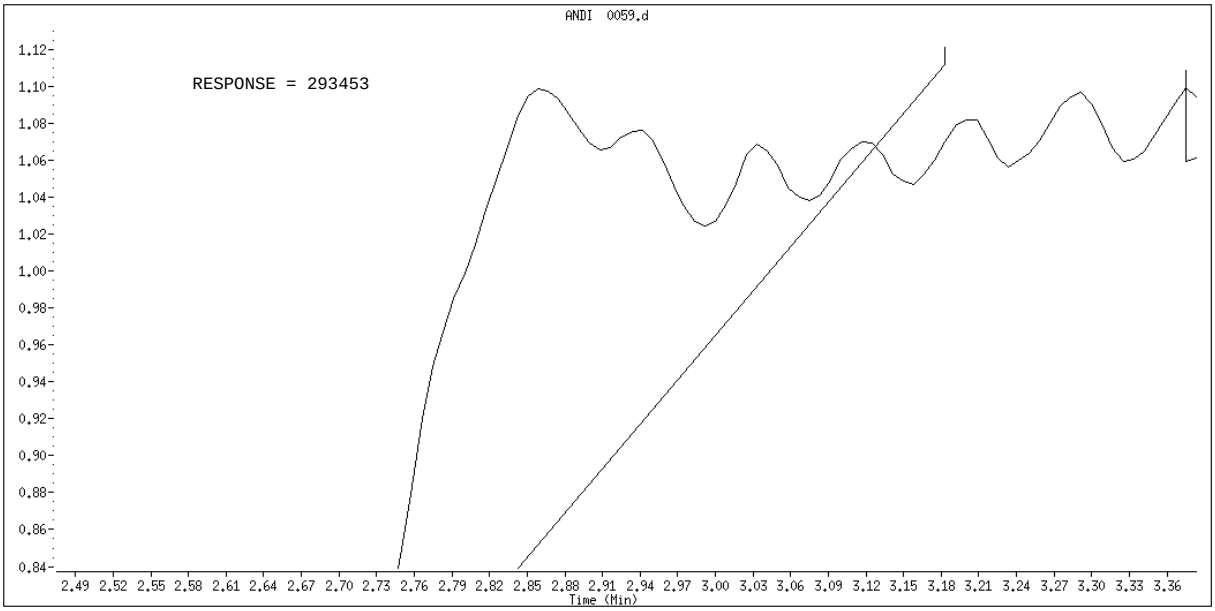
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0059.d
Date : 03-JUN-2010 06:09
Client ID:
Sample Info: L1W9W ORG
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0059.d
Y (x10^6)
-Fluoride
-Chloride
-Nitrite
-Nitrate
-Phosphate
Sulfate
Min

Data File Name: 0059.d
Inj. Date and Time: 03-JUN-2010 06:09
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0060.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0060.d
Lab Smp Id: L1W9W MS
Inj Date : 03-JUN-2010 06:26
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W9W MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

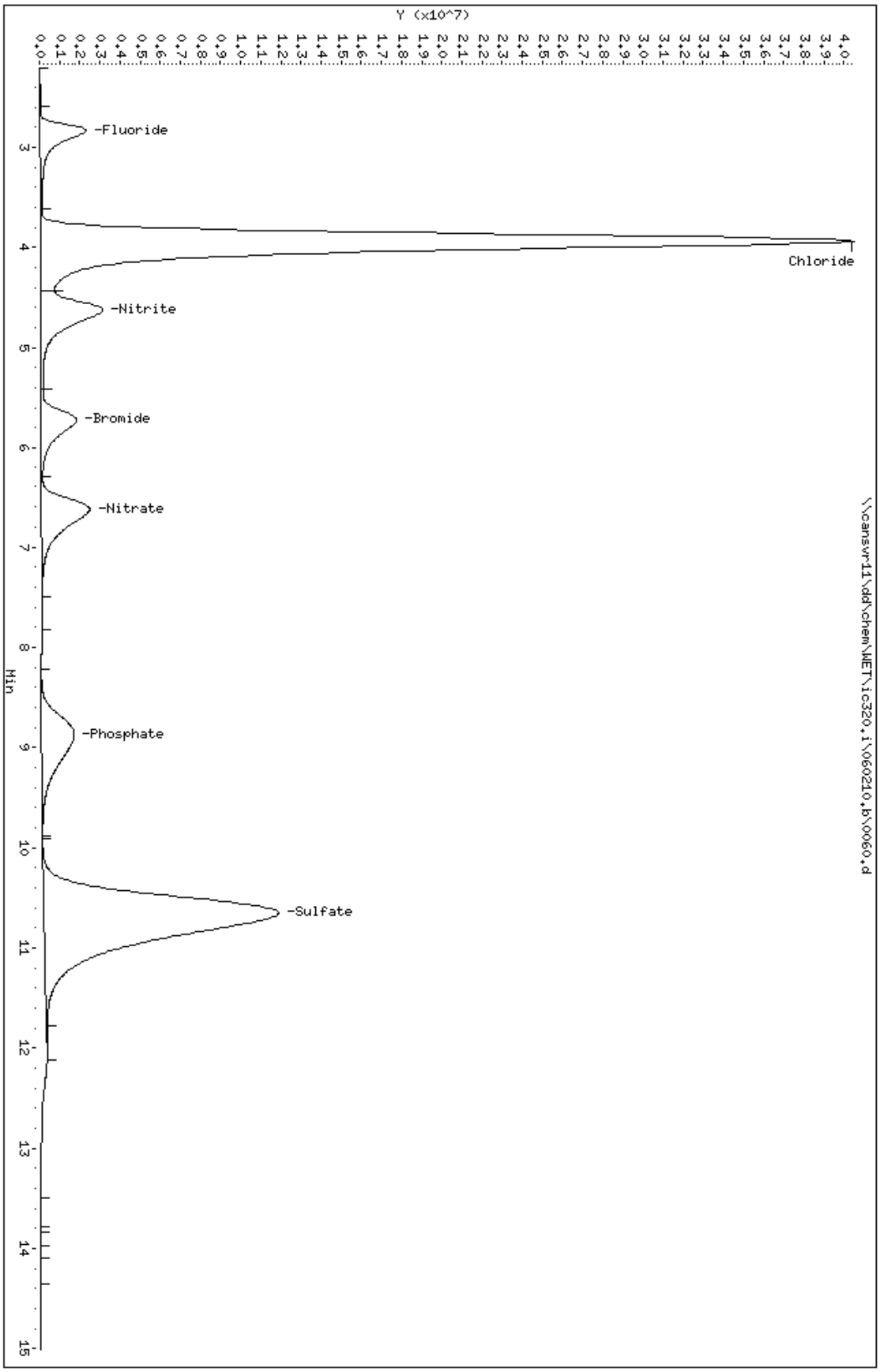
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.833	2.808	0.025	32607374	2.82282	2.823(R)
2 Chloride	3.933	3.891	0.042	483871880	50.1546	50.15
3 Nitrite	4.625	4.558	0.067	56767251	2.49428	2.494
4 Bromide	5.716	5.616	0.100	32189956	9.77379	9.774
5 Nitrate	6.625	6.500	0.125	49991678	2.66528	2.665
6 Phosphate	8.875	8.891	-0.016	1614238	5.70026	5.700(R)
7 Sulfate	10.650	10.725	-0.075	343704255	52.7712	52.77

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0060.d
Date : 03-JUN-2010 06:26
Client ID:
Sample Info: L1W9W MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0061.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 03-JUN-2010 06:44
Lab File ID: 0061.d Init. Cal. Date(s): 02-JUN-2010 02-JUN-2010
Analysis Type: WATER Init. Cal. Times: 13:37 15:56
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	11551330	11345126	11345126	0.010	1.78512	10.00000	Averaged
2 Chloride	9647610	9869049	9869049	0.010	-2.29527	10.00000	Averaged
3 Nitrite	22758984	21193916	21193916	0.010	6.87670	10.00000	Averaged
4 Bromide	3293497	3075441	3075441	0.010	6.62081	10.00000	Averaged
5 Nitrate	18756625	17898669	17898669	0.010	4.57415	10.00000	Averaged
6 Phosphate	2.50000	2.68635	299259	0.010	-7.45405	10.00000	Linear
7 Sulfate	6513100	5943087	5943087	0.010	8.75179	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0061.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0061.d
Lab Smp Id: CCV
Inj Date : 03-JUN-2010 06:44
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

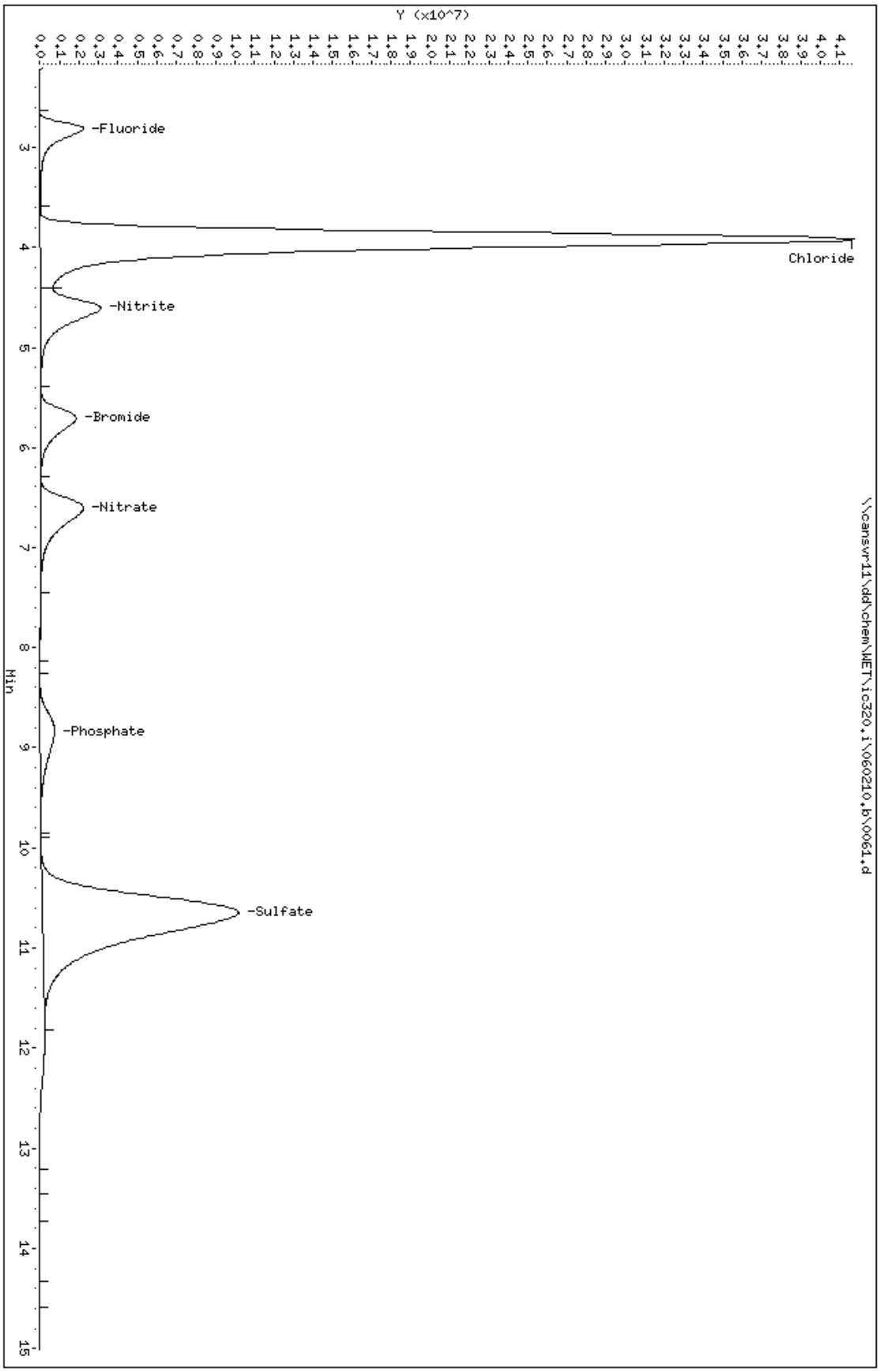
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.816	2.816	0.000	28362814	2.50000	2.455
2 Chloride	3.916	3.916	0.000	493452427	50.0000	51.15
3 Nitrite	4.600	4.600	0.000	52984791	2.50000	2.328
4 Bromide	5.700	5.700	0.000	30754406	10.0000	9.338
5 Nitrate	6.616	6.616	0.000	44746672	2.50000	2.386
6 Phosphate	8.841	8.841	0.000	748148	2.50000	2.686
7 Sulfate	10.650	10.650	0.000	297154338	50.0000	45.62

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0061.d
Date : 03-JUN-2010 06:44
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0062.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

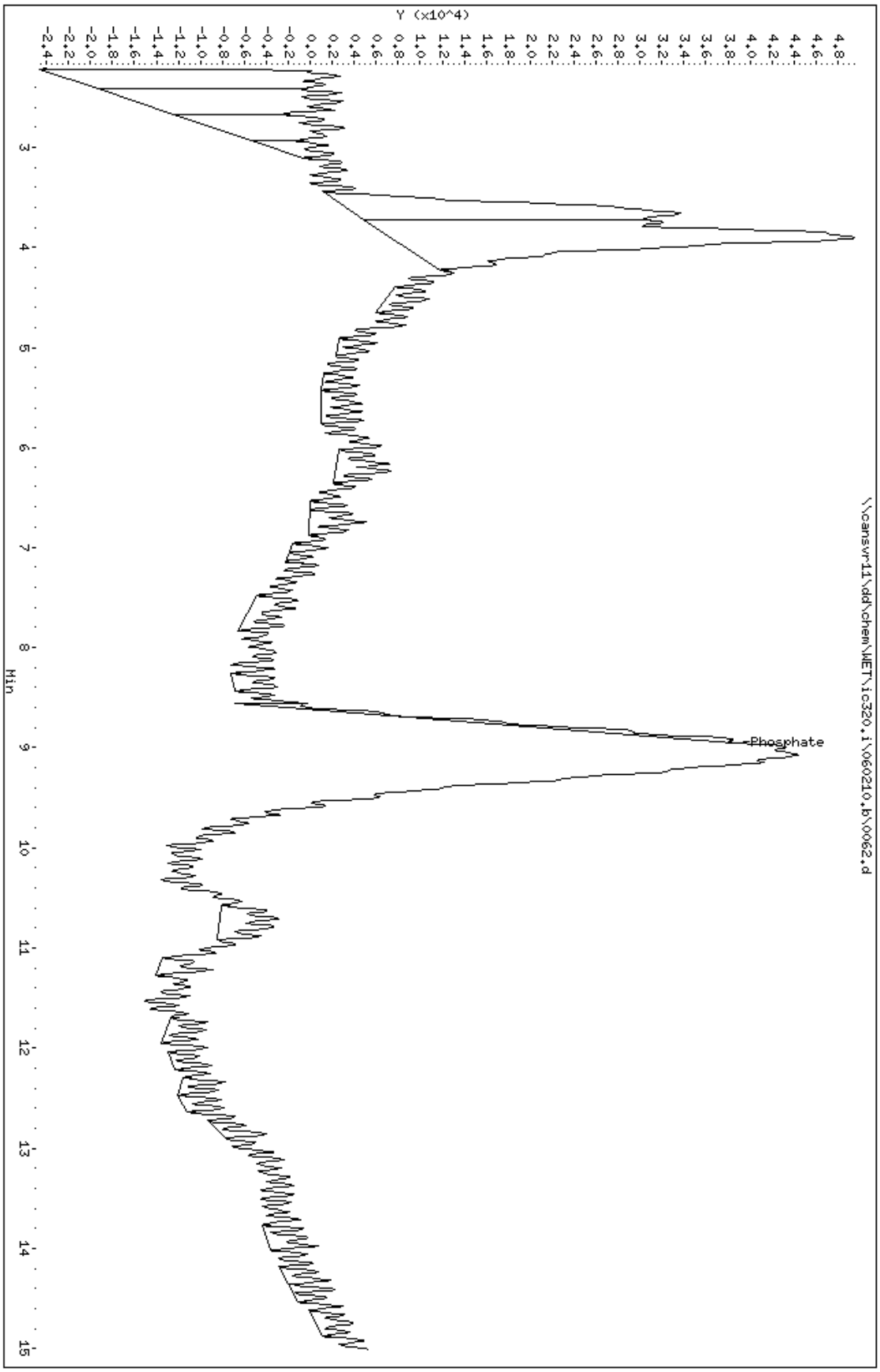
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0062.d
Lab Smp Id: CCB
Inj Date : 03-JUN-2010 07:01
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.950	8.841	0.109	0	0.08287	0.08287
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0062.d
Date : 03-JUN-2010 07:01
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0062.d
Phosphate
Y (x10^4)
Min

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0063.d
Report Date: 03-Jun-2010 15:05

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0063.d
Lab Smp Id: L1W90
Inj Date : 03-JUN-2010 07:19
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W90
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

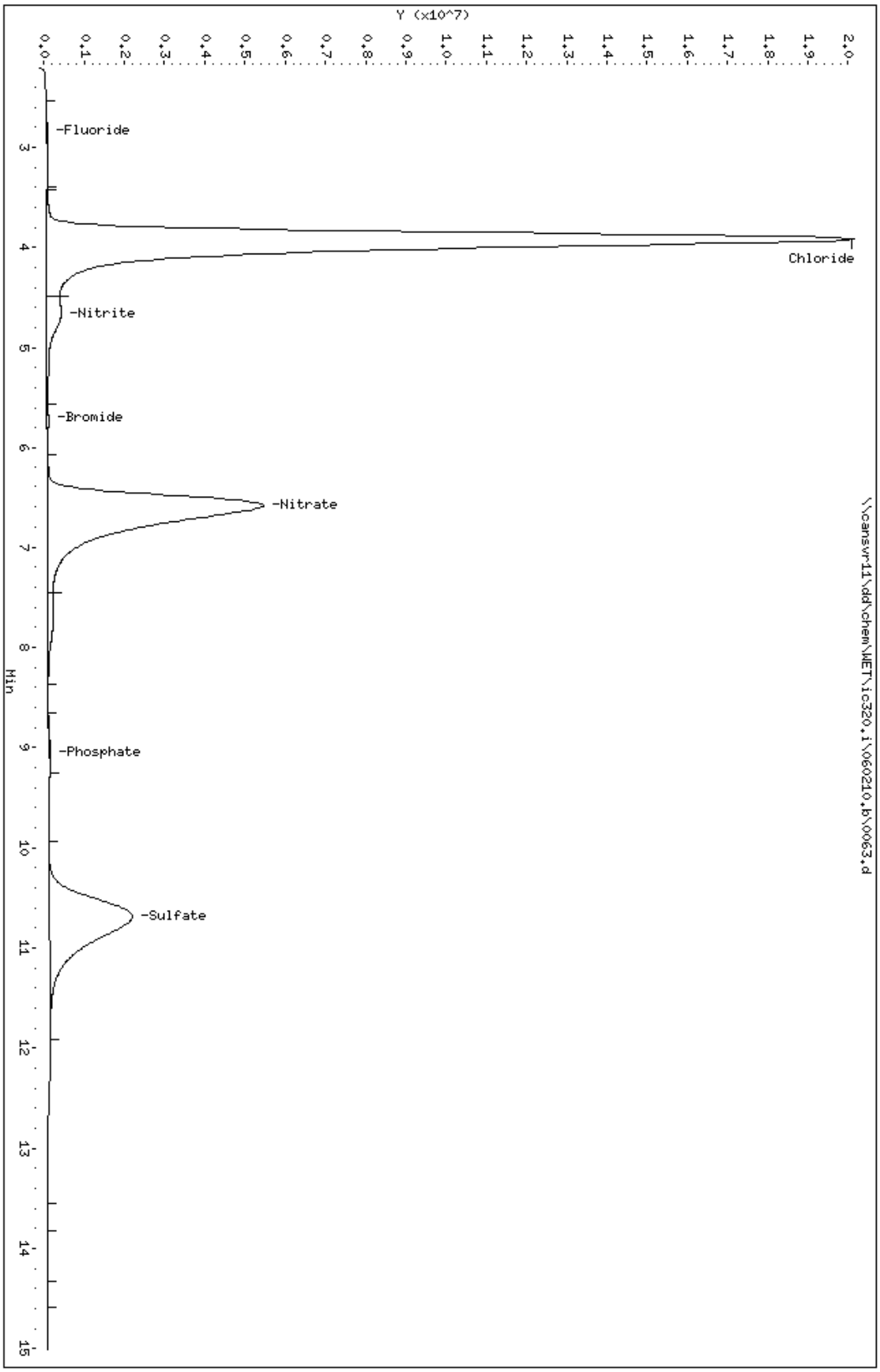
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.841	2.816	0.025	773415	0.06695	0.06695(M)
2 Chloride	3.916	3.941	-0.025	238217182	24.6918	24.69(M)
3 Nitrite	4.658	4.633	0.025	9632314	0.42323	0.4232(M)
4 Bromide	5.700	5.750	-0.050	945384	0.28705	0.2870(M)
5 Nitrate	6.583	6.675	-0.092	114742118	6.11742	6.117(M)
6 Phosphate	9.050	8.800	0.250	21857	0.15893	0.1589
7 Sulfate	10.683	10.658	0.025	63173300	9.69942	9.699

QC Flag Legend

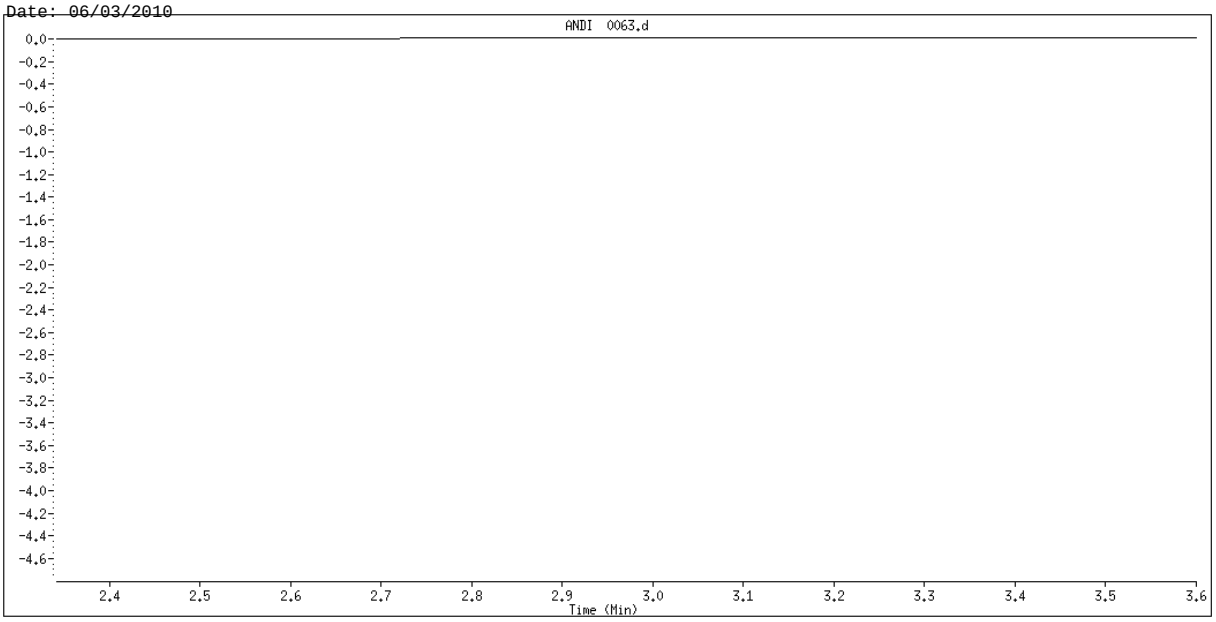
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0063.d
Date : 03-JUN-2010 07:19
Client ID:
Sample Info: L1W90
Purge Volume: 1.0
Column Phase: AS14

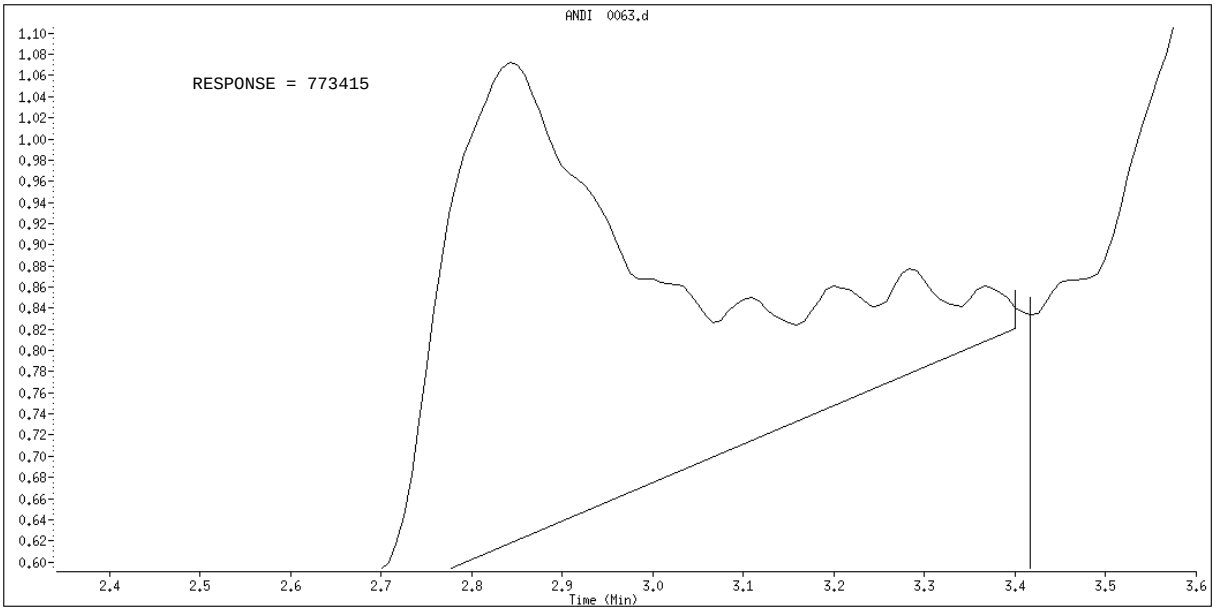
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0063.d
Inj. Date and Time: 03-JUN-2010 07:19
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



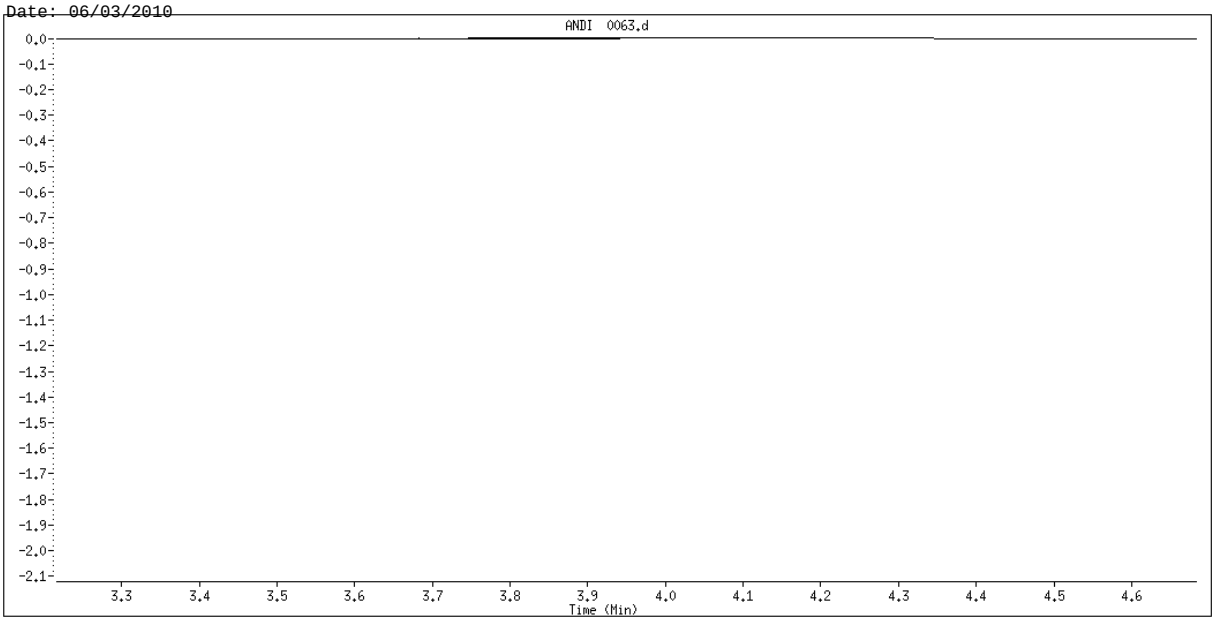
Original Integration



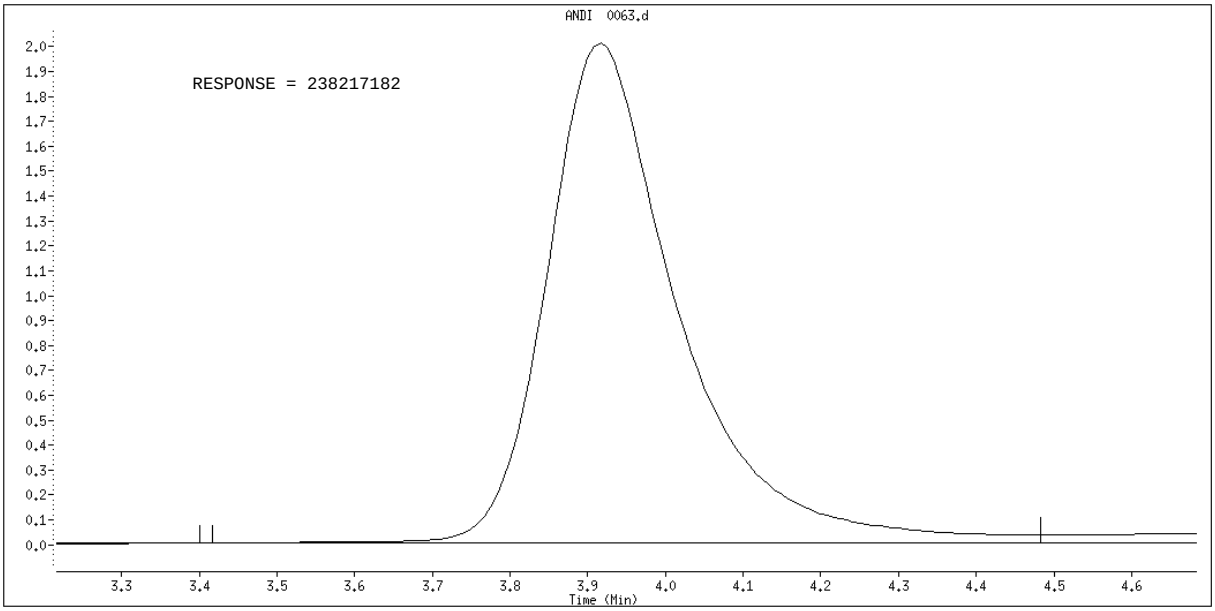
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0063.d
Inj. Date and Time: 03-JUN-2010 07:19
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



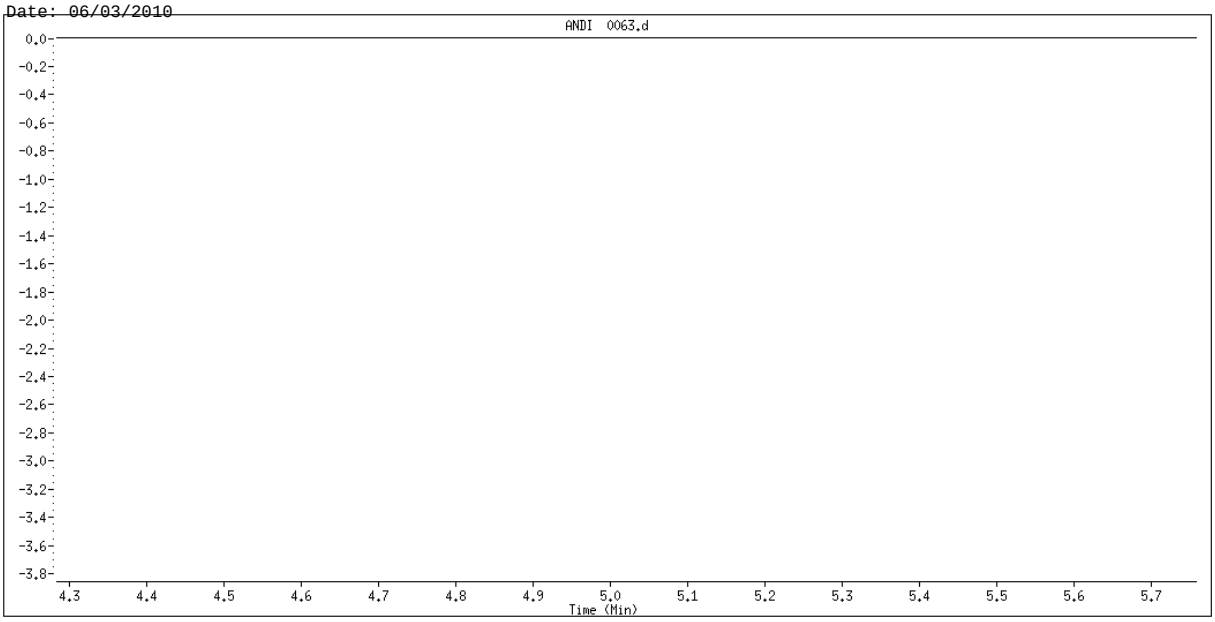
Original Integration



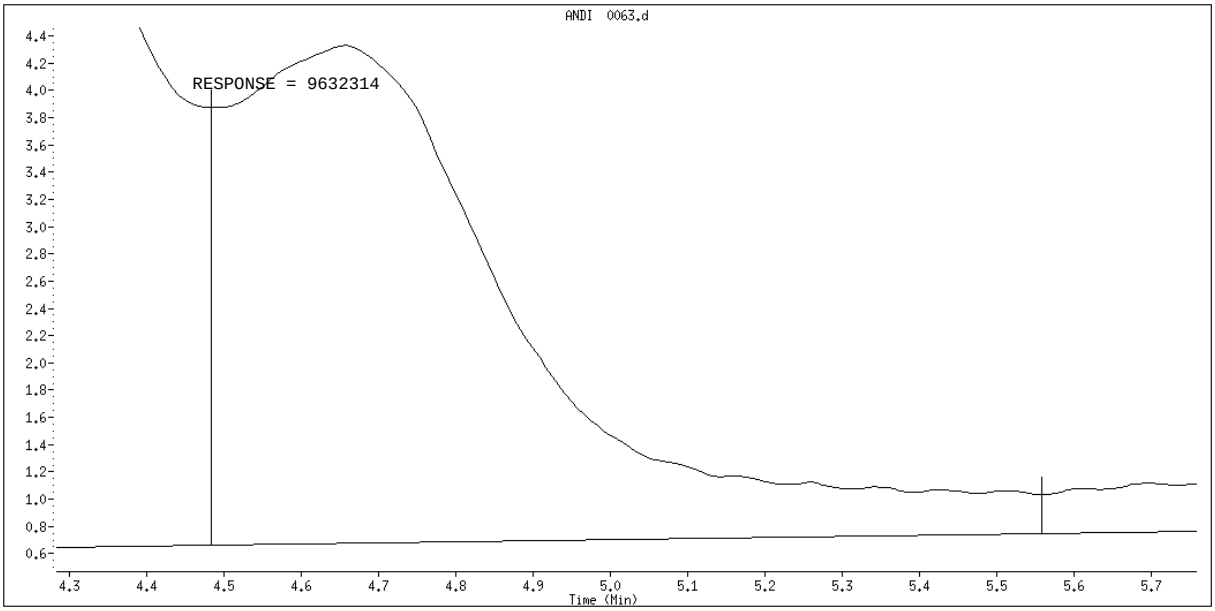
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0063.d
Inj. Date and Time: 03-JUN-2010 07:19
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



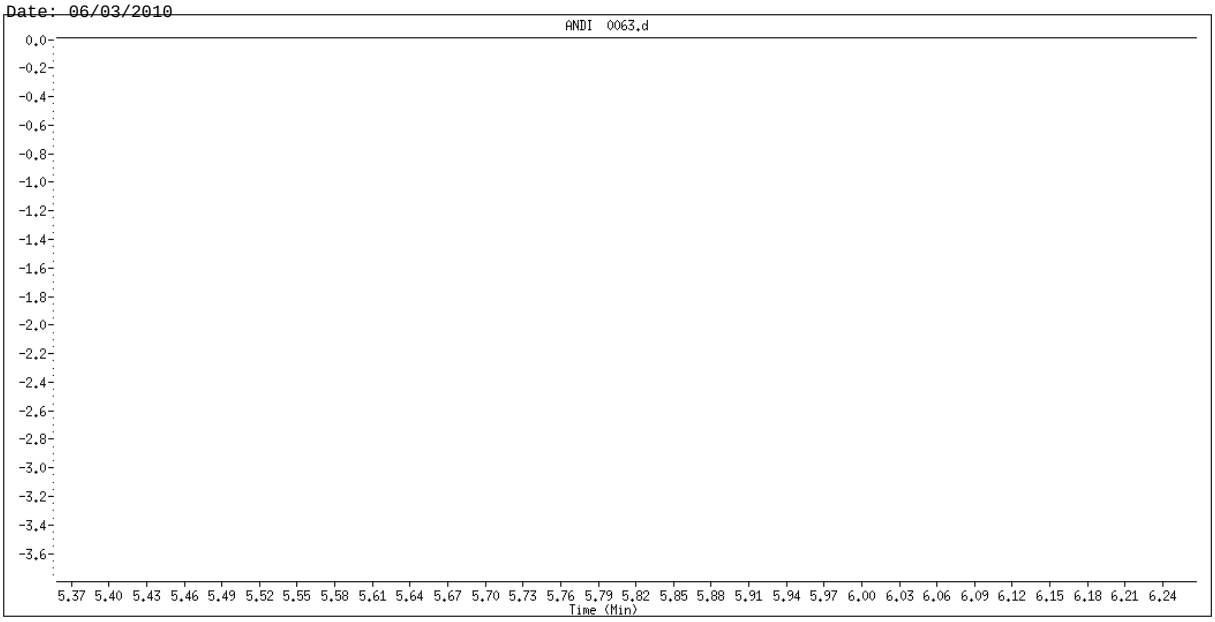
Original Integration



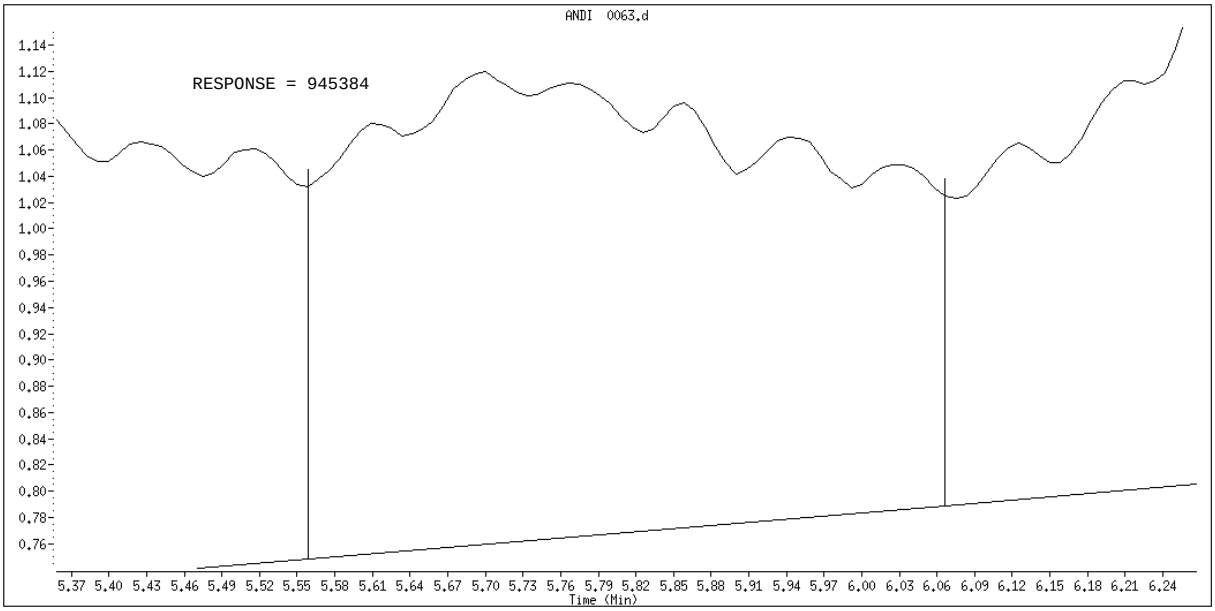
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0063.d
Inj. Date and Time: 03-JUN-2010 07:19
Instrument ID: ic320.i
Client ID:
Compound Name: Bromide
CAS #: Q85
Report Date: 06/03/2010



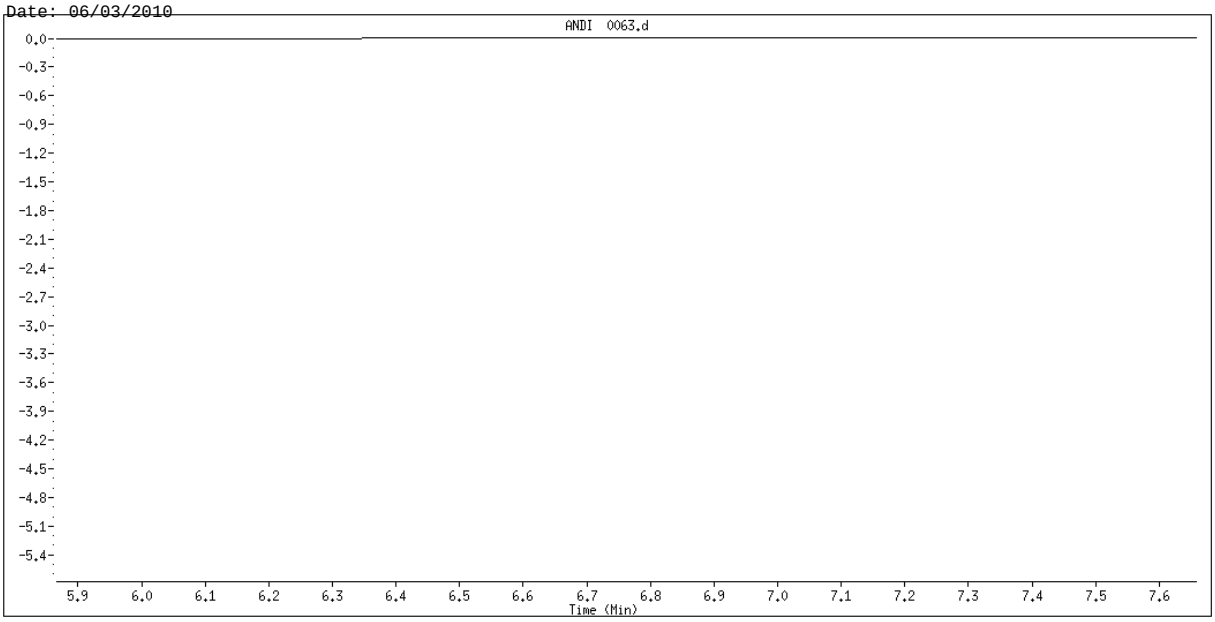
Original Integration



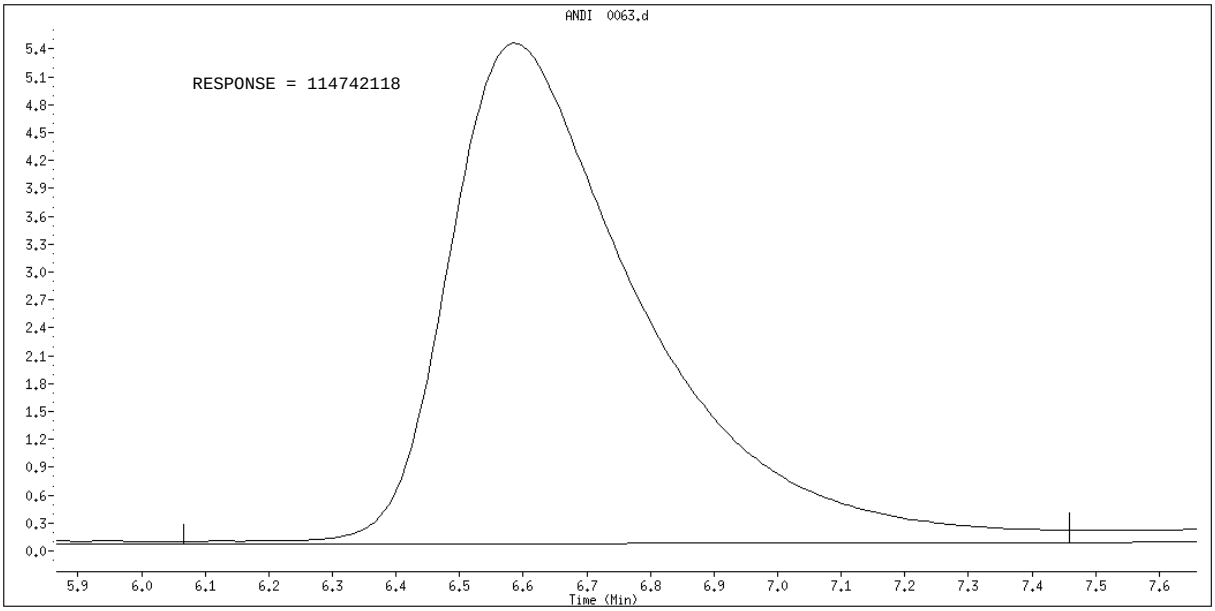
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0063.d
Inj. Date and Time: 03-JUN-2010 07:19
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrate
CAS #: Q479
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0064.d
Report Date: 03-Jun-2010 15:06

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0064.d
Lab Smp Id: L1W92
Inj Date : 03-JUN-2010 07:36
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W92
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

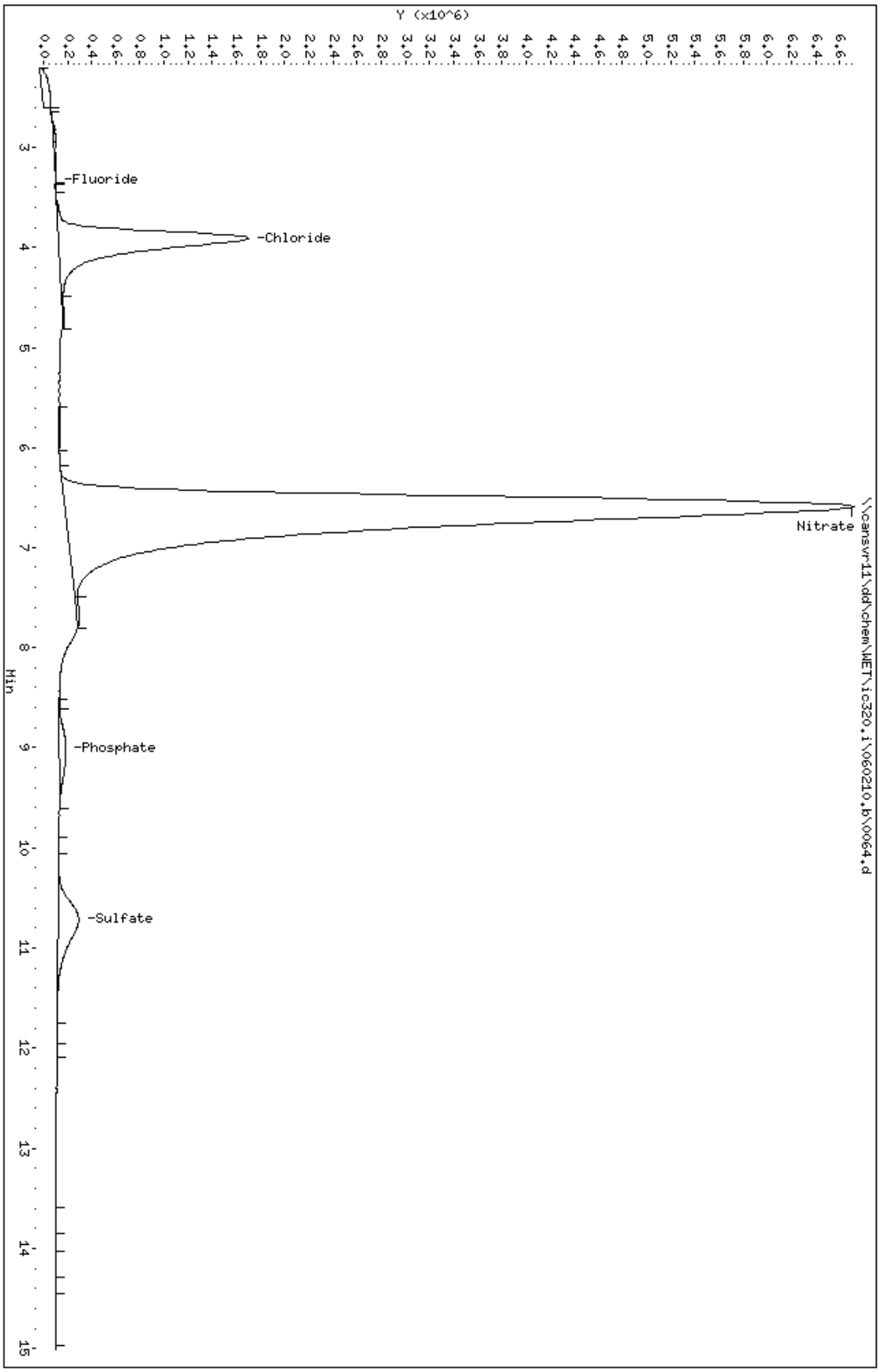
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	3.325	2.816	0.509	520590	0.04507	0.04507(aM)
2 Chloride	3.908	3.941	-0.033	21018782	2.17865	2.179(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.600	6.675	-0.075	133596699	7.12264	7.123
6 Phosphate	9.008	8.800	0.208	54515	0.27257	0.2726
7 Sulfate	10.716	10.658	0.058	5565359	0.85449	0.8545(a)

QC Flag Legend

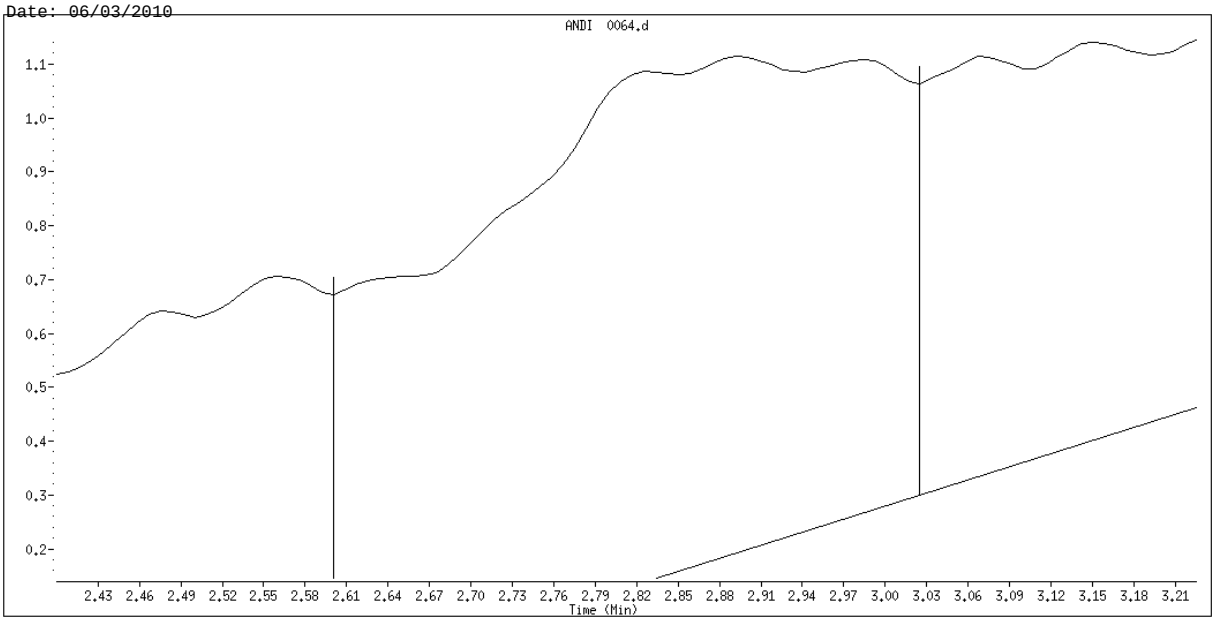
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0064.d
Date : 03-JUN-2010 07:36
Client ID:
Sample Info: L1W92
Purge Volume: 1.0
Column phase: AS14

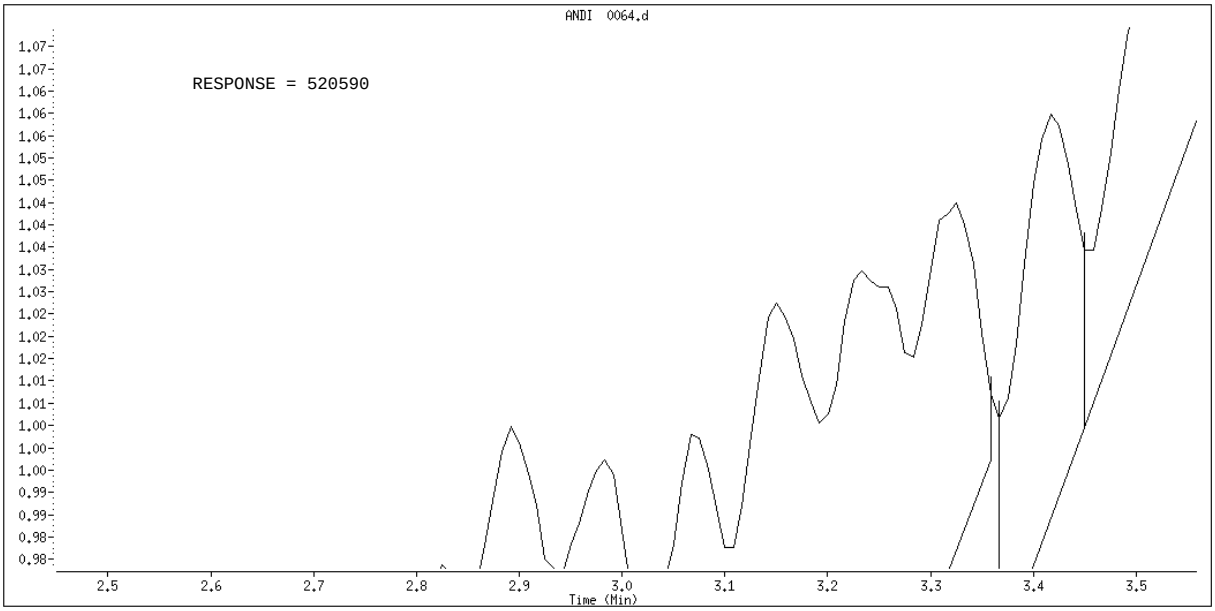
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0064.d
Inj. Date and Time: 03-JUN-2010 07:36
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



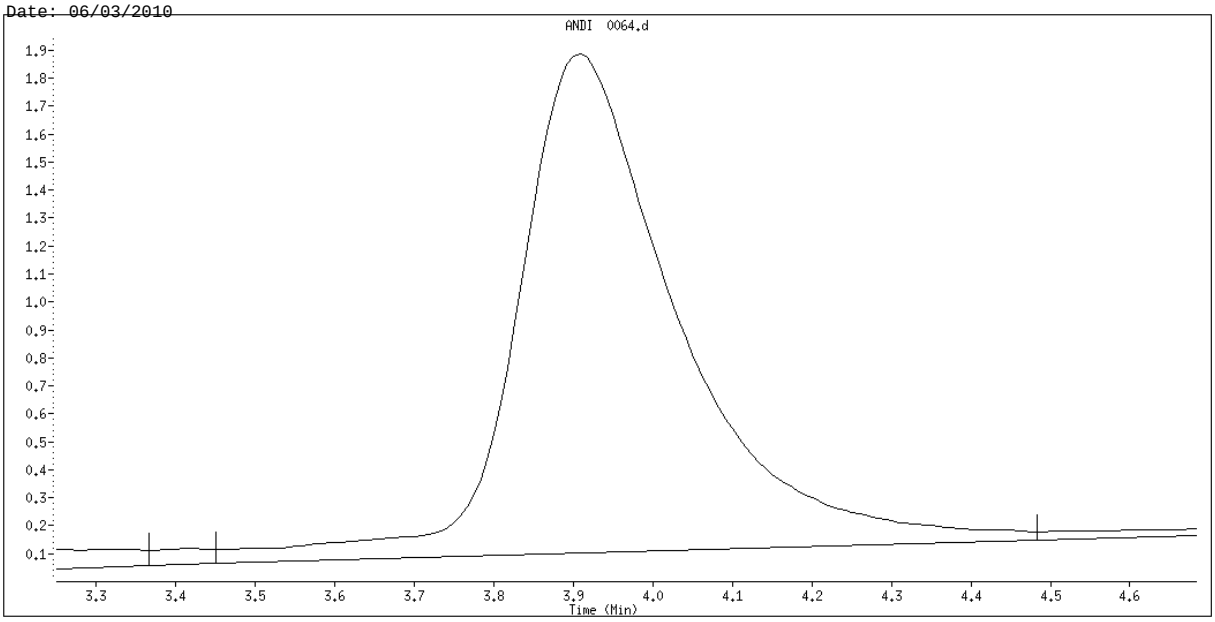
Original Integration



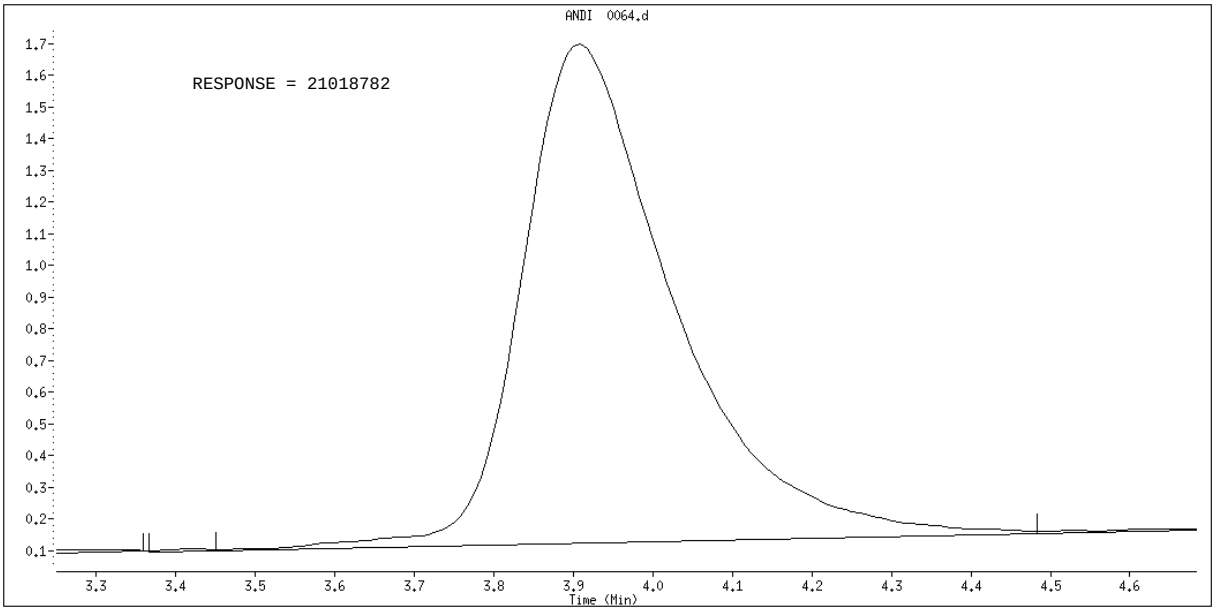
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0064.d
Inj. Date and Time: 03-JUN-2010 07:36
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0065.d
Report Date: 03-Jun-2010 15:06

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0065.d
Lab Smp Id: L1W94
Inj Date : 03-JUN-2010 07:53
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W94
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

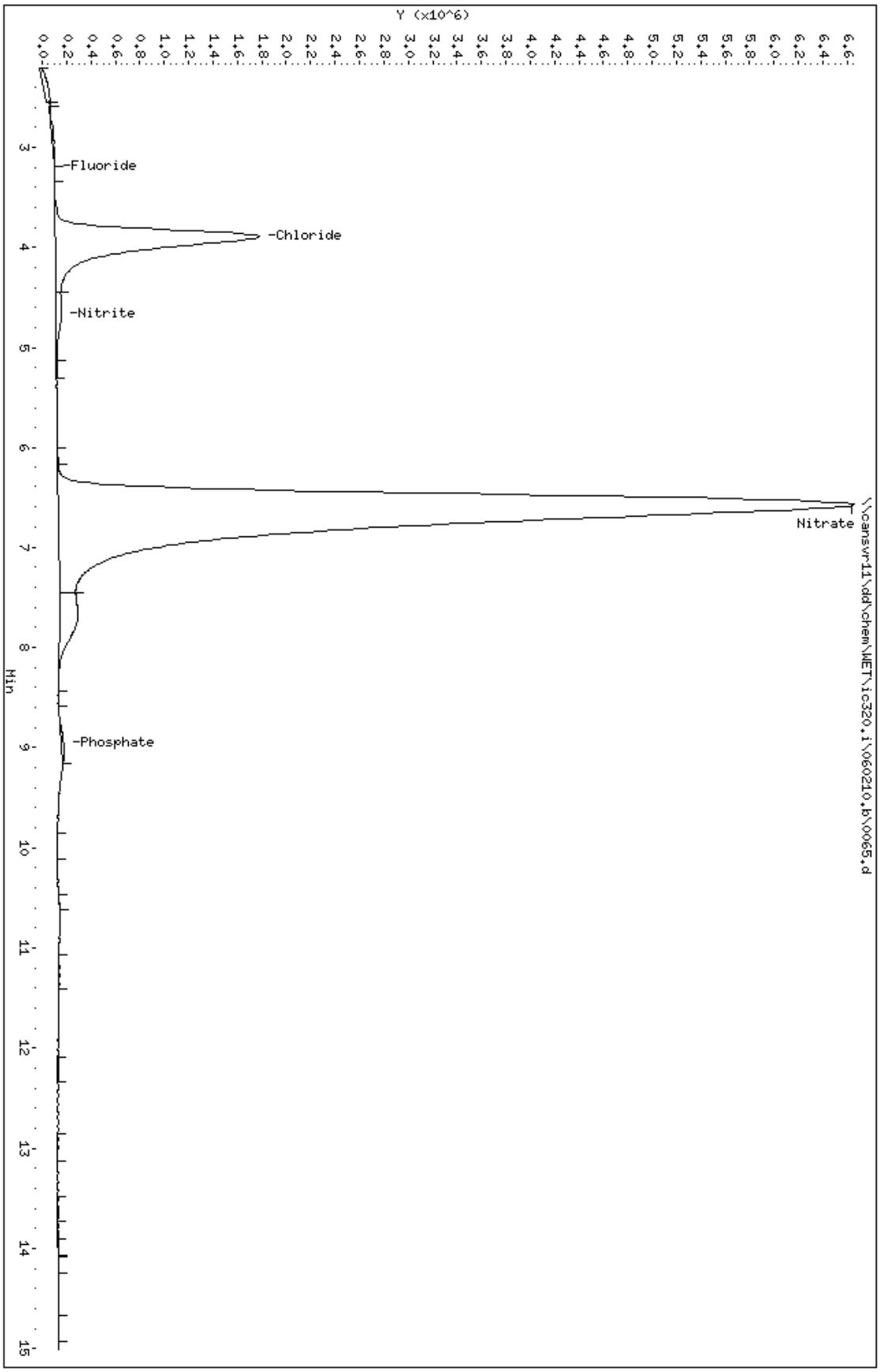
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

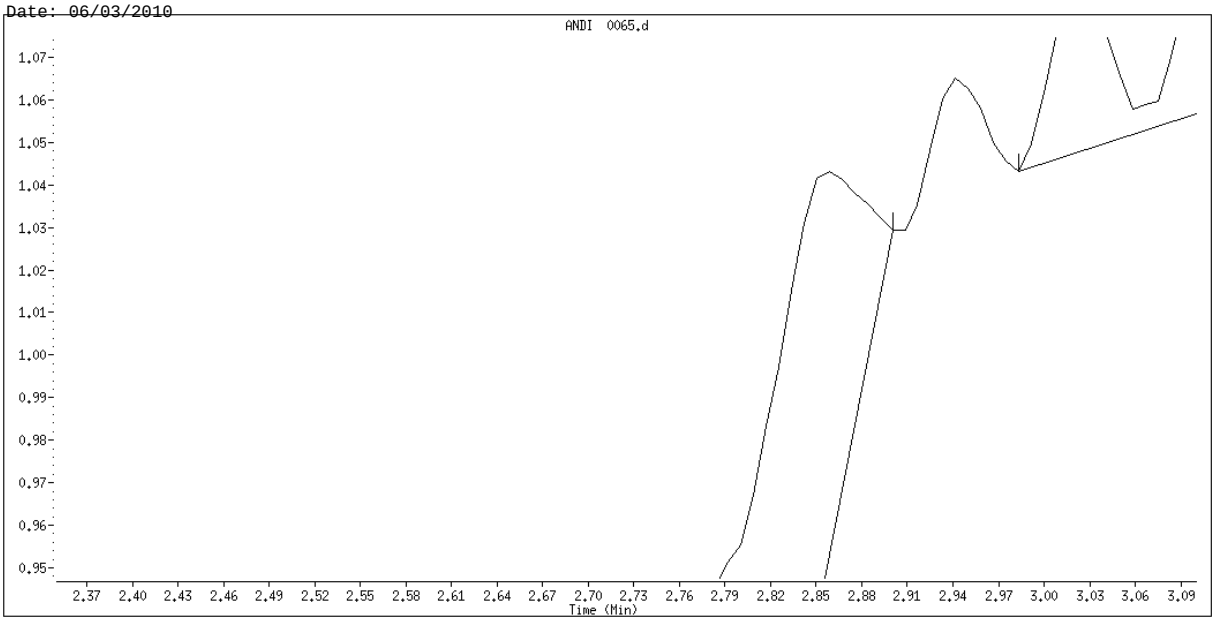
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
2 Chloride	3.891	3.941	-0.050	23067493	2.39101	2.391
3 Nitrite	4.658	4.633	0.025	1138492	0.05002	0.05002
4 Bromide	Compound Not Detected.					
5 Nitrate	6.575	6.675	-0.100	136565455	7.28092	7.281
6 Phosphate	8.958	8.800	0.158	21162	0.15651	0.1565
7 Sulfate	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0065.d
Date : 03-JUN-2010 07:53
Client ID:
Sample Info: L1W94
Purge Volume: 1.0
Column Phase: AS14

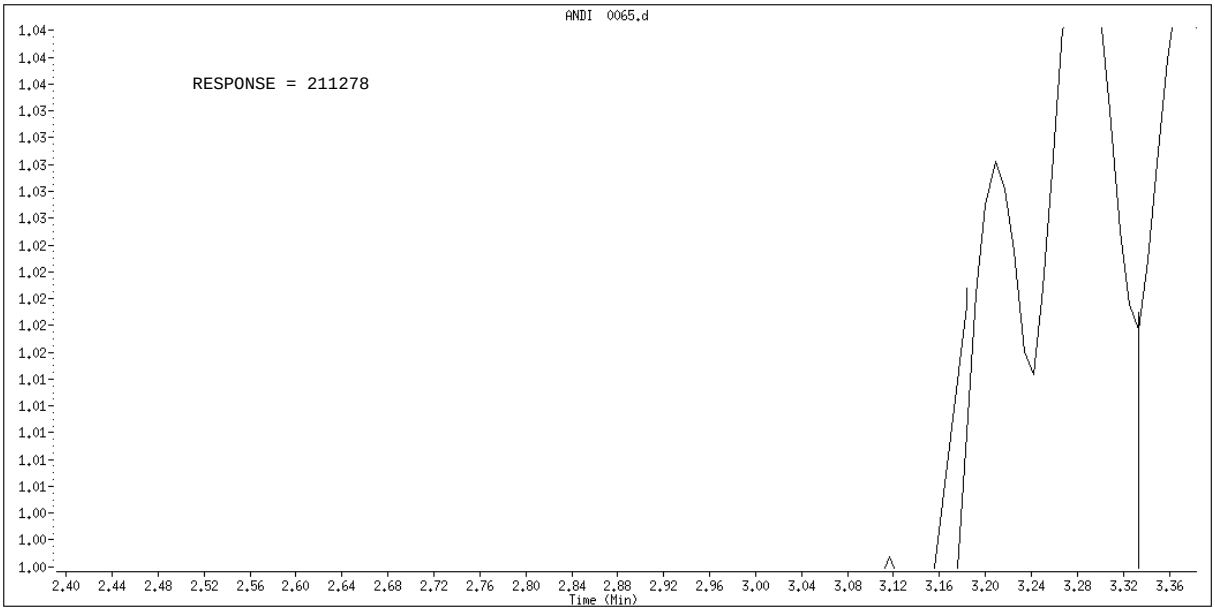
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0065.d
Inj. Date and Time: 03-JUN-2010 07:53
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0066.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0066.d
Lab Smp Id: L1W96 ORG
Inj Date : 03-JUN-2010 08:11
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W96 ORG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

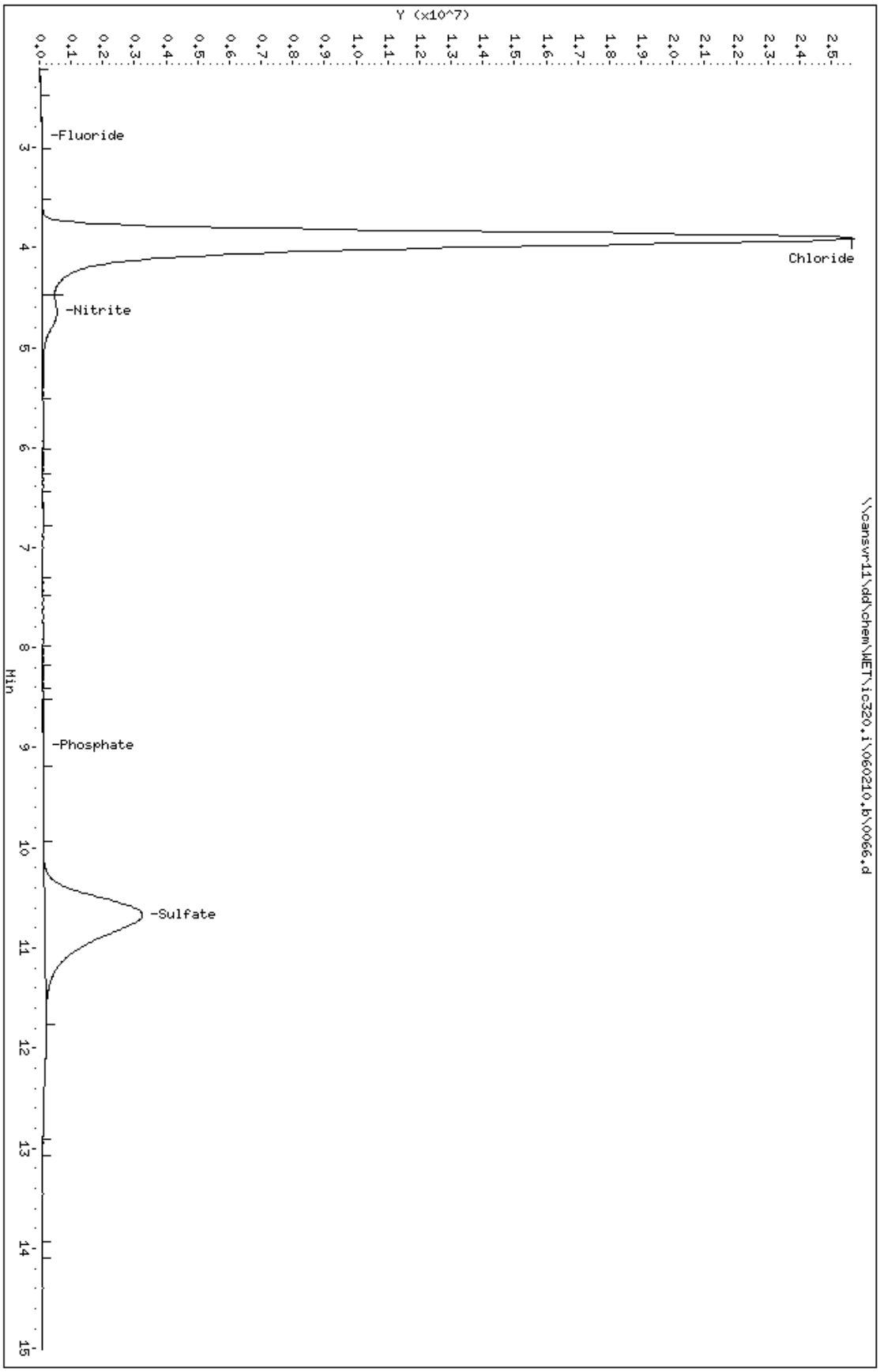
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.883	2.816	0.067	495699	0.04291	0.04291(a)
2 Chloride	3.908	3.916	-0.008	307372976	31.8600	31.86
3 Nitrite	4.633	4.600	0.033	10059260	0.44199	0.4420
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.983	8.841	0.142	17783	0.14475	0.1448
7 Sulfate	10.675	10.650	0.025	93807882	14.4030	14.40

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0066.d
Date : 03-JUN-2010 08:11
Client ID:
Sample Info: L1W96 ORG
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



\\cansvr11\dd\chem\WET\ic320.i\060210.b\0066.d

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0067.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0067.d
Lab Smp Id: L1W96 MS
Inj Date : 03-JUN-2010 08:28
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W96 MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

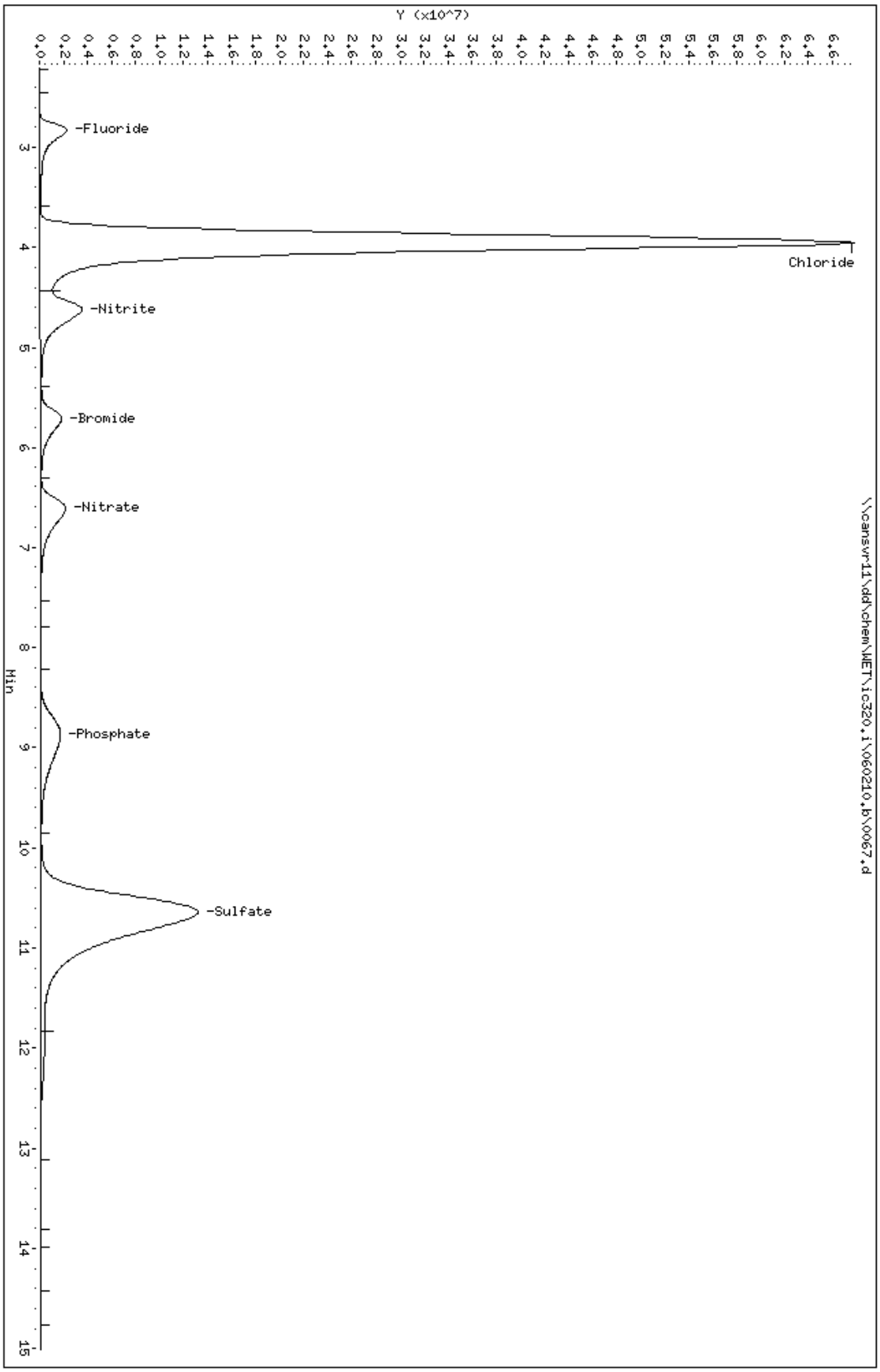
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	31730061	2.74688	2.747
2 Chloride	3.950	3.916	0.034	816068819	84.5877	84.59(R)
3 Nitrite	4.616	4.600	0.016	65387400	2.87304	2.873(R)
4 Bromide	5.708	5.700	0.008	32402226	9.83824	9.838
5 Nitrate	6.616	6.616	0.000	43507761	2.31959	2.320
6 Phosphate	8.875	8.841	0.034	1645593	5.80938	5.809(R)
7 Sulfate	10.641	10.650	-0.009	402299037	61.7677	61.77(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0067.d
Date : 03-JUN-2010 08:28
Client ID:
Sample Info: L1W96 MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0068.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0068.d
Lab Smp Id: L1W96 MSD
Inj Date : 03-JUN-2010 08:46
Operator : 001754 Inst ID: ic320.i
Smp Info : L1W96 MSD,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

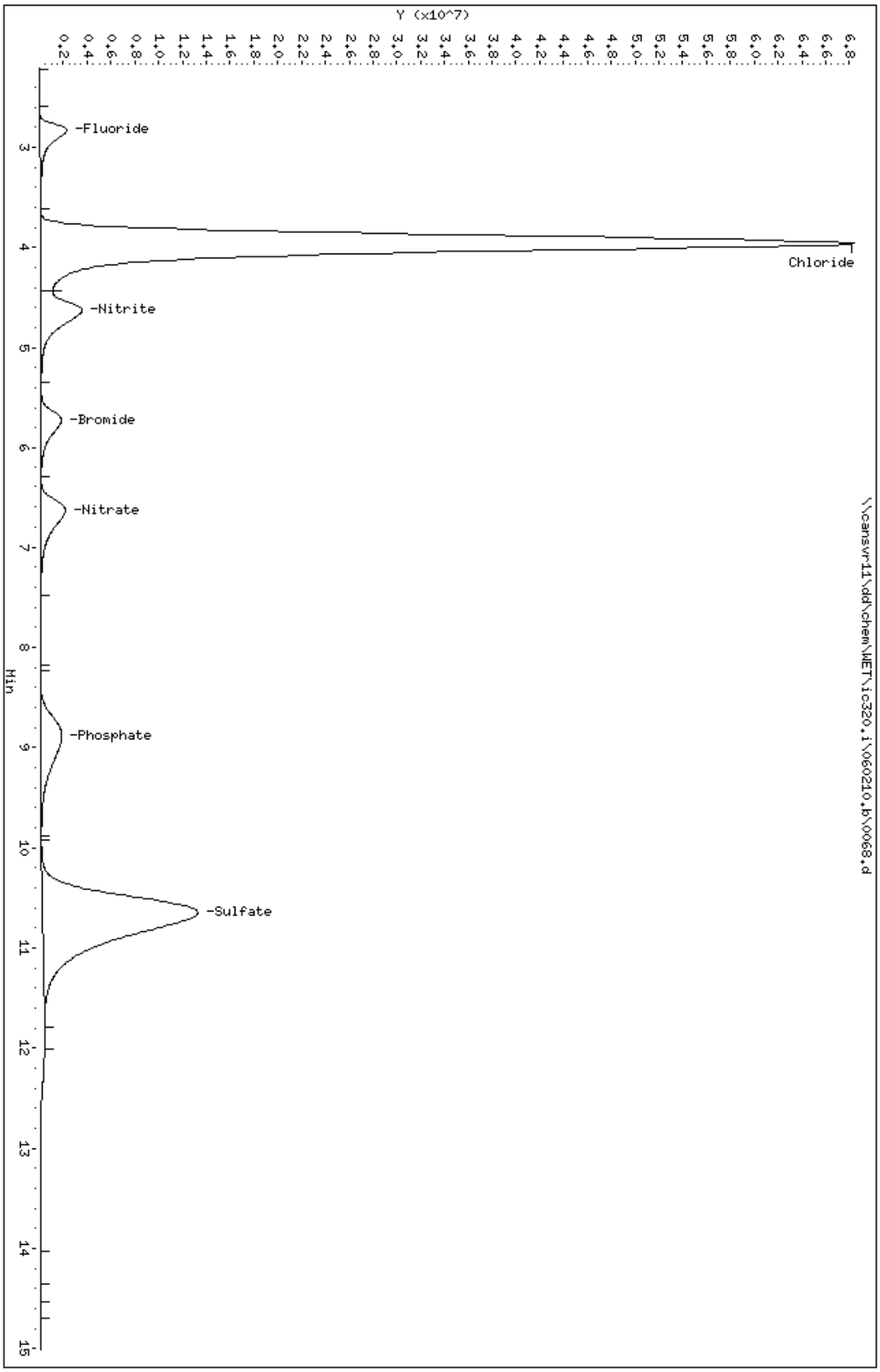
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	31272159	2.70723	2.707
2 Chloride	3.958	3.916	0.042	824409384	85.4522	85.45(R)
3 Nitrite	4.625	4.600	0.025	63000449	2.76816	2.768(R)
4 Bromide	5.725	5.700	0.025	29361900	8.91511	8.915(R)
5 Nitrate	6.633	6.616	0.017	41667915	2.22150	2.222(R)
6 Phosphate	8.891	8.841	0.050	1767625	6.23403	6.234(R)
7 Sulfate	10.650	10.650	0.000	381549042	58.5818	58.58(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0068.d
Date : 03-JUN-2010 08:46
Client ID:
Sample Info: L1W96 MSD,.3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0069.d
Report Date: 03-Jun-2010 15:06

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0069.d
Lab Smp Id: L1XAA
Inj Date : 03-JUN-2010 09:03
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAA
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

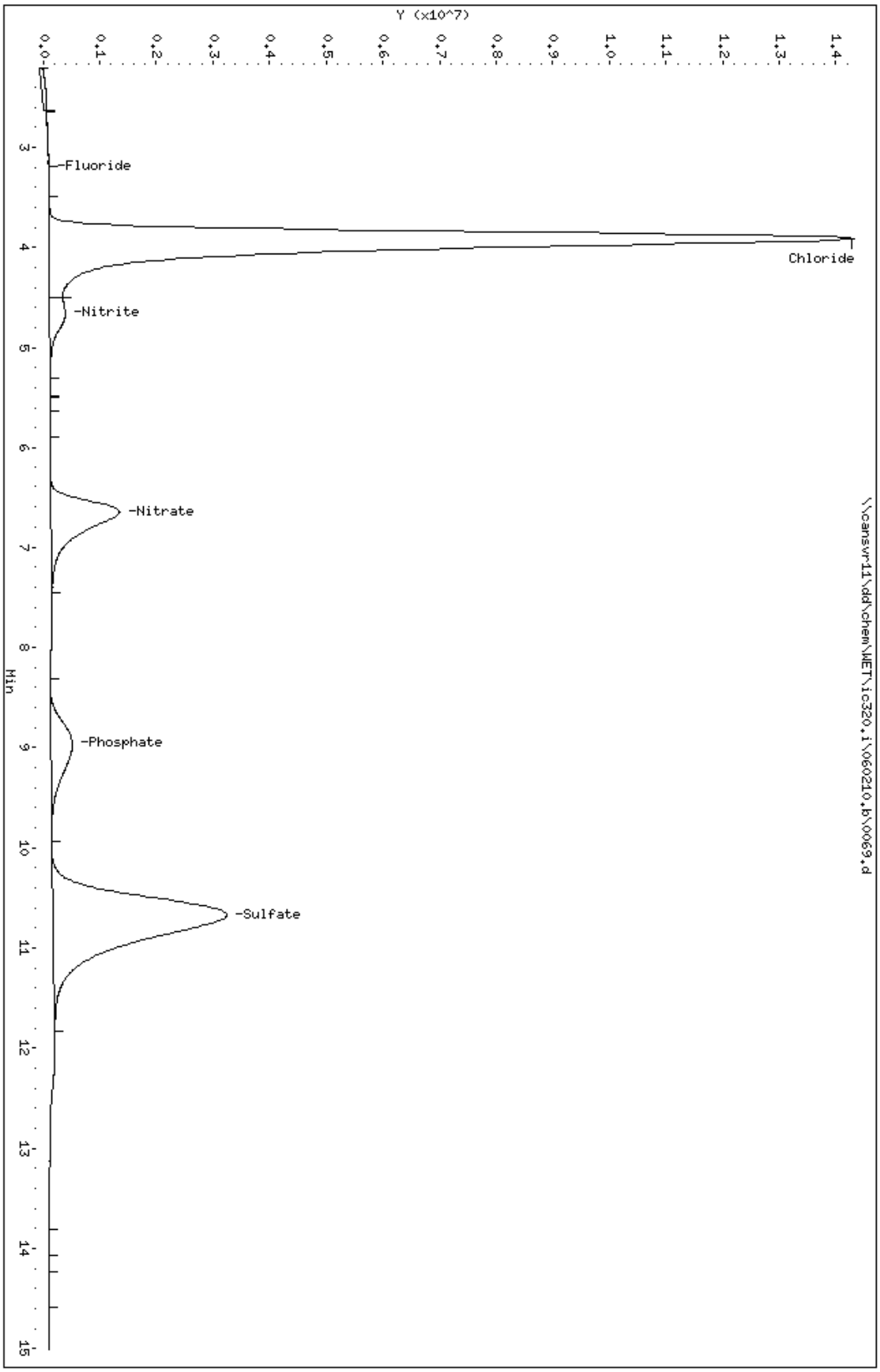
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	3.183	2.816	0.367	224898	0.01947	0.01947(aM)
2 Chloride	3.908	3.941	-0.033	175188965	18.1588	18.16
3 Nitrite	4.650	4.633	0.017	6013661	0.26423	0.2642
4 Bromide	Compound Not Detected.					
5 Nitrate	6.650	6.675	-0.025	25059067	1.33601	1.336
6 Phosphate	8.958	8.800	0.158	381641	1.41094	1.411
7 Sulfate	10.675	10.658	0.017	92976022	14.2752	14.28

QC Flag Legend

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

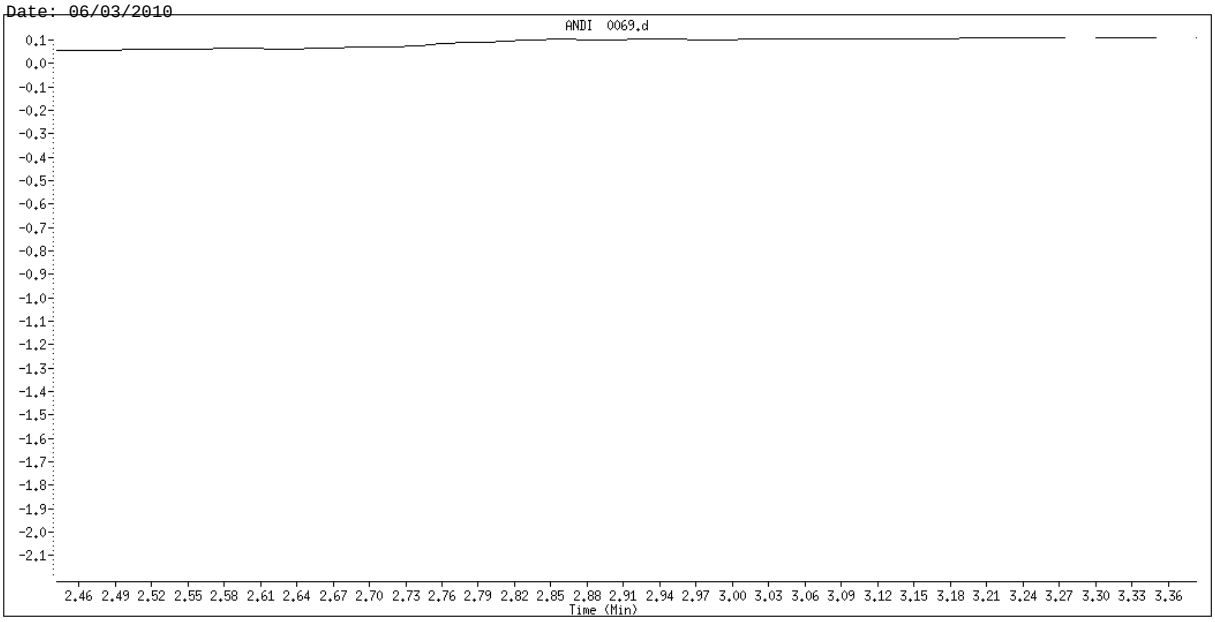
Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0069.d
Date : 03-JUN-2010 09:03
Client ID:
Sample Info: L1XAA
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00

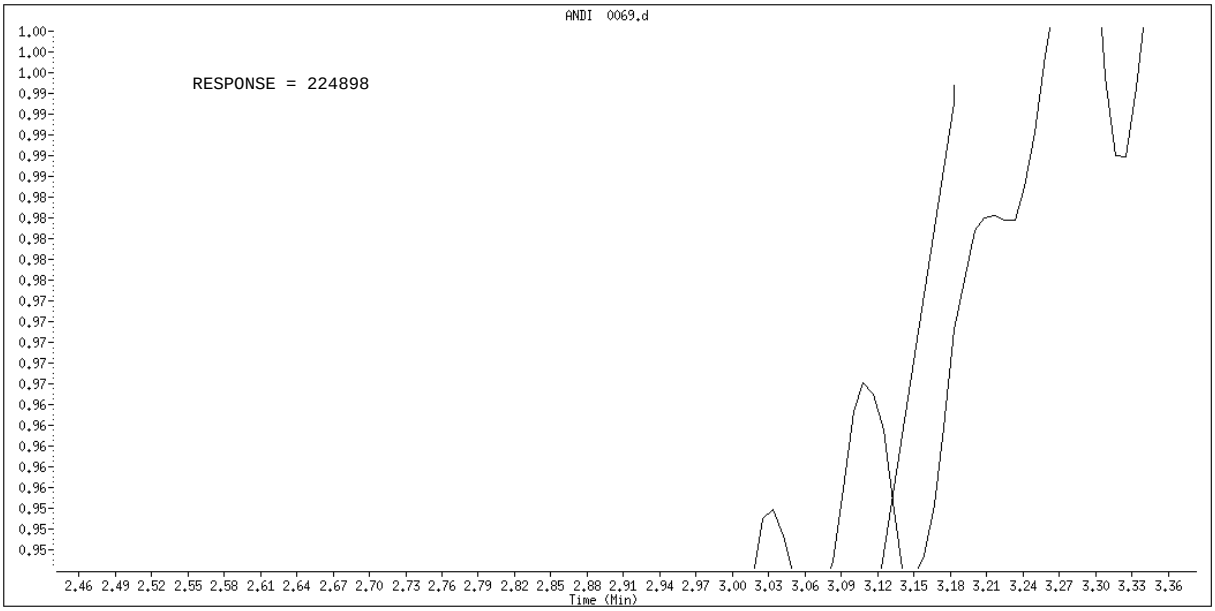


\\cansvr11\dd\chem\WET\ic320.i\060210.b\0069.d

Data File Name: 0069.d
Inj. Date and Time: 03-JUN-2010 09:03
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0070.d
Report Date: 03-Jun-2010 15:07

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0070.d
Lab Smp Id: L1XAE
Inj Date : 03-JUN-2010 09:20
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAE
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

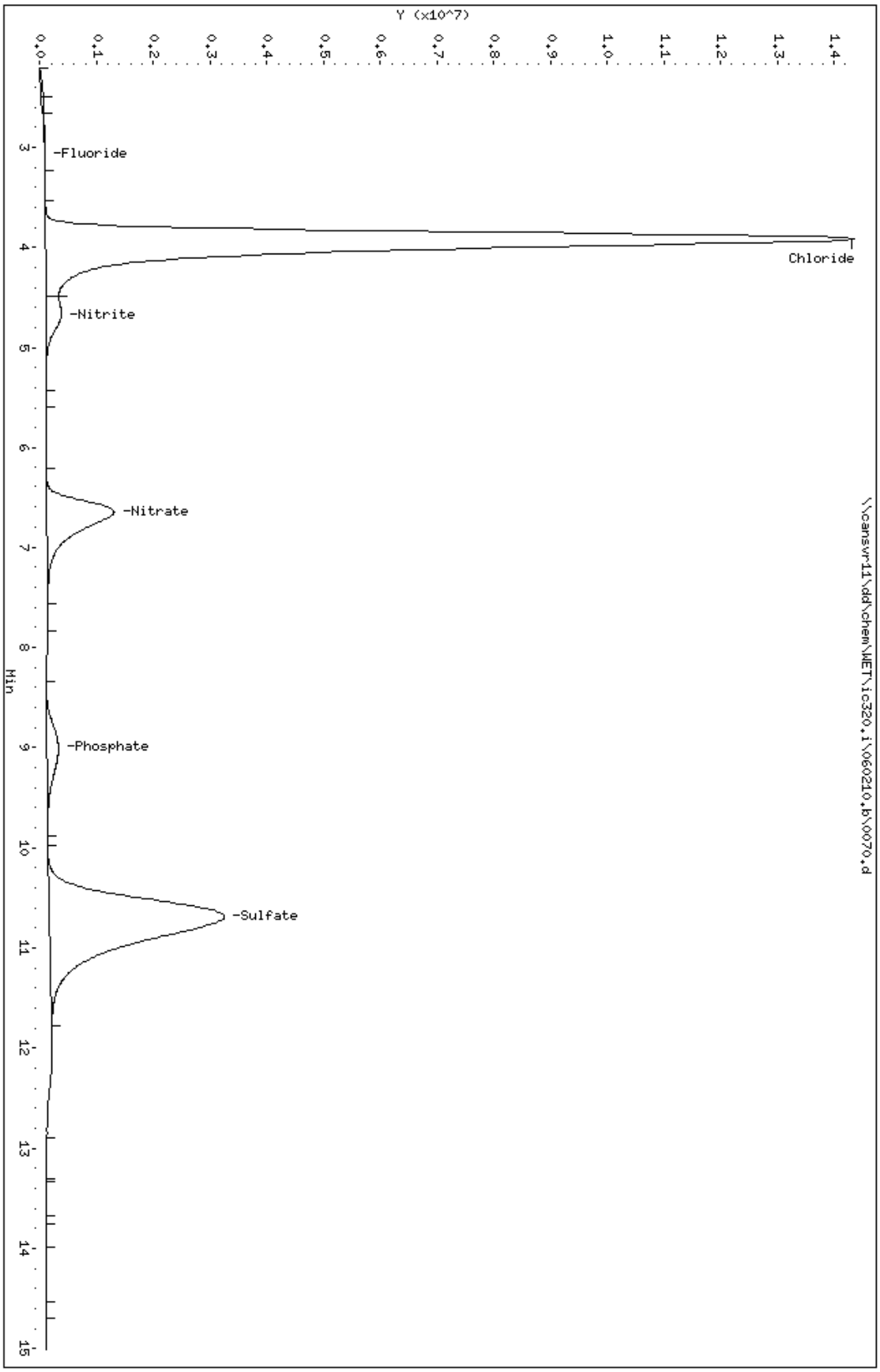
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	3.066	2.816	0.250	234929	0.02034	0.02034(aM)
2 Chloride	3.908	3.941	-0.033	175154027	18.1552	18.16
3 Nitrite	4.675	4.633	0.042	6158387	0.27059	0.2706
4 Bromide	Compound Not Detected.					
5 Nitrate	6.650	6.675	-0.025	24688818	1.31627	1.316
6 Phosphate	8.991	8.800	0.191	203202	0.78999	0.7900
7 Sulfate	10.691	10.658	0.033	93493763	14.3547	14.35

QC Flag Legend

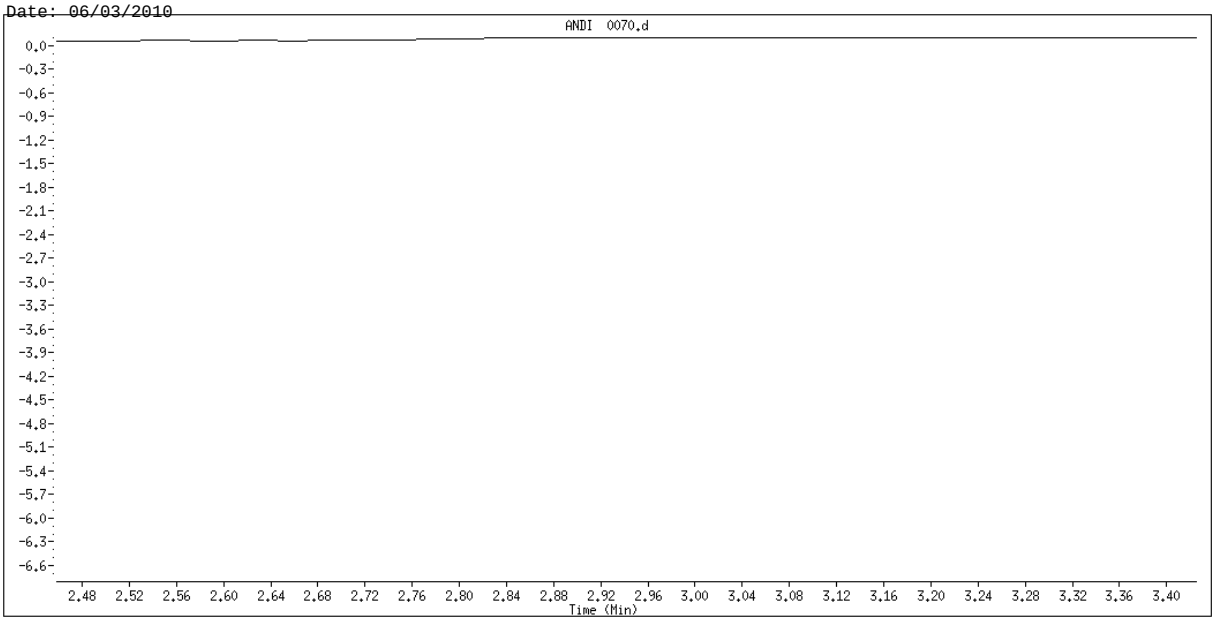
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0070.d
Date : 03-JUN-2010 09:20
Client ID:
Sample Info: L1XAE
Purge Volume: 1.0
Column Phase: AS14

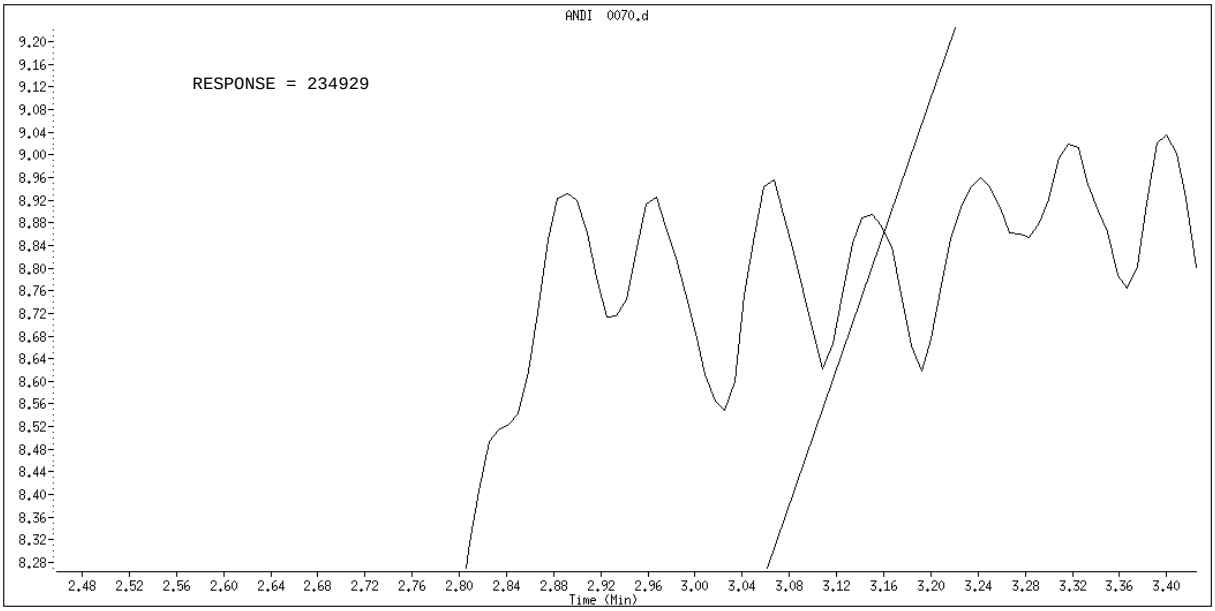
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0070.d
Inj. Date and Time: 03-JUN-2010 09:20
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0071.d
Report Date: 03-Jun-2010 15:07

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ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0071.d
Lab Smp Id: L1XAG
Inj Date : 03-JUN-2010 09:38
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

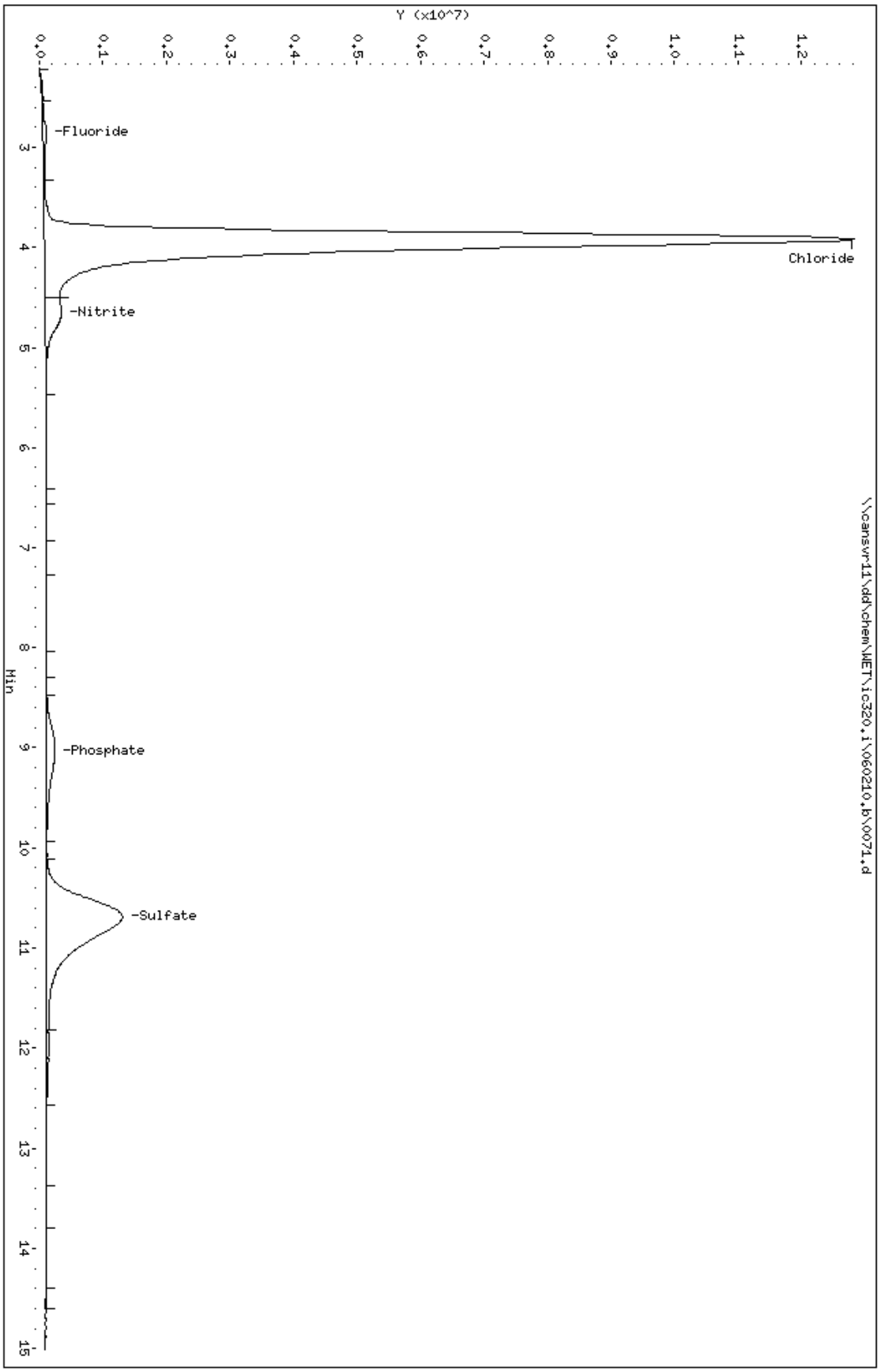
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.850	2.816	0.034	1278863	0.11071	0.1107(M)
2 Chloride	3.916	3.941	-0.025	155590340	16.1273	16.13(M)
3 Nitrite	4.650	4.633	0.017	5790164	0.25441	0.2544(M)
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	9.033	8.800	0.233	135474	0.55430	0.5543
7 Sulfate	10.691	10.658	0.033	37871682	5.81469	5.815

QC Flag Legend

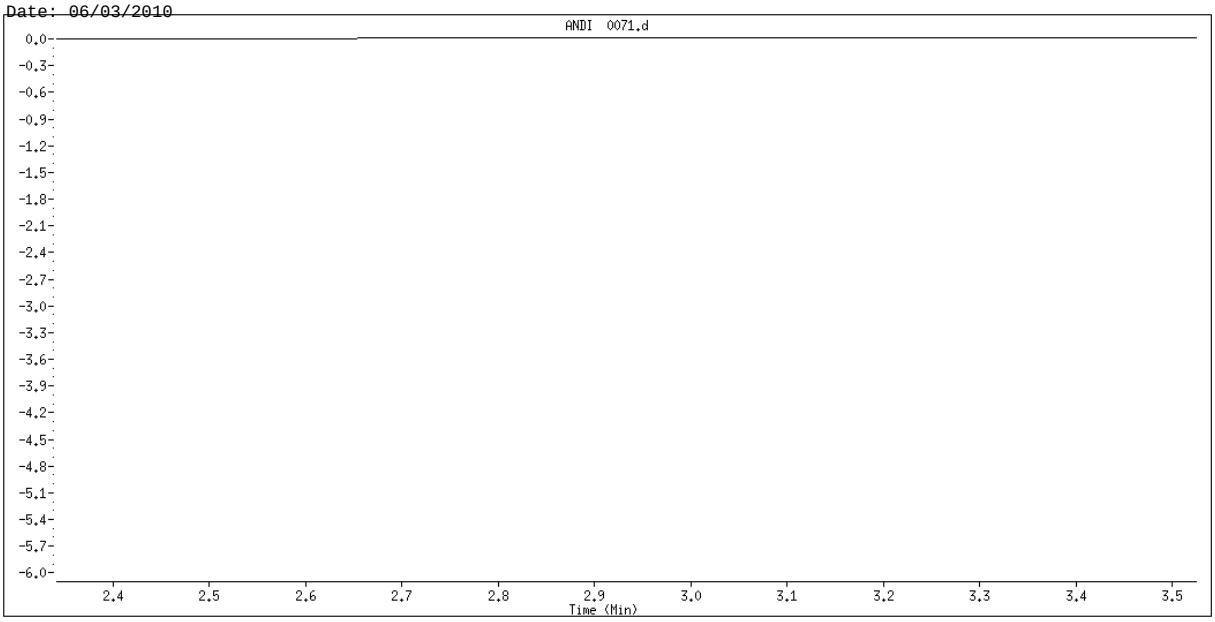
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0071.d
Date : 03-JUN-2010 09:38
Client ID:
Sample Info: L1XAG
Purge Volume: 1.0
Column Phase: AS14

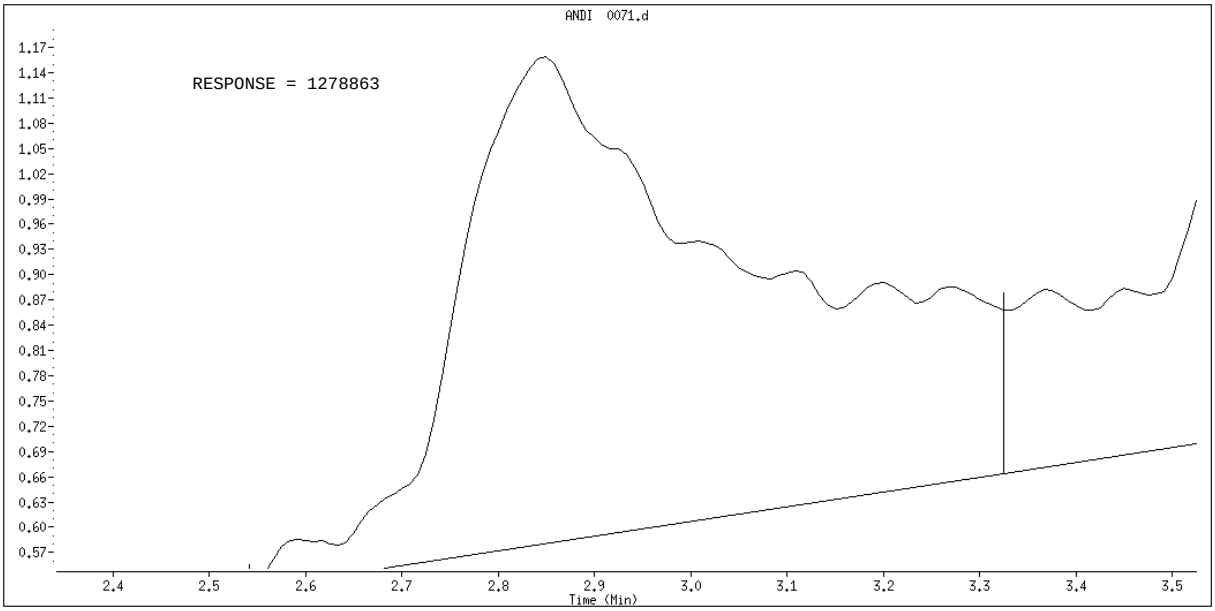
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0071.d
Inj. Date and Time: 03-JUN-2010 09:38
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



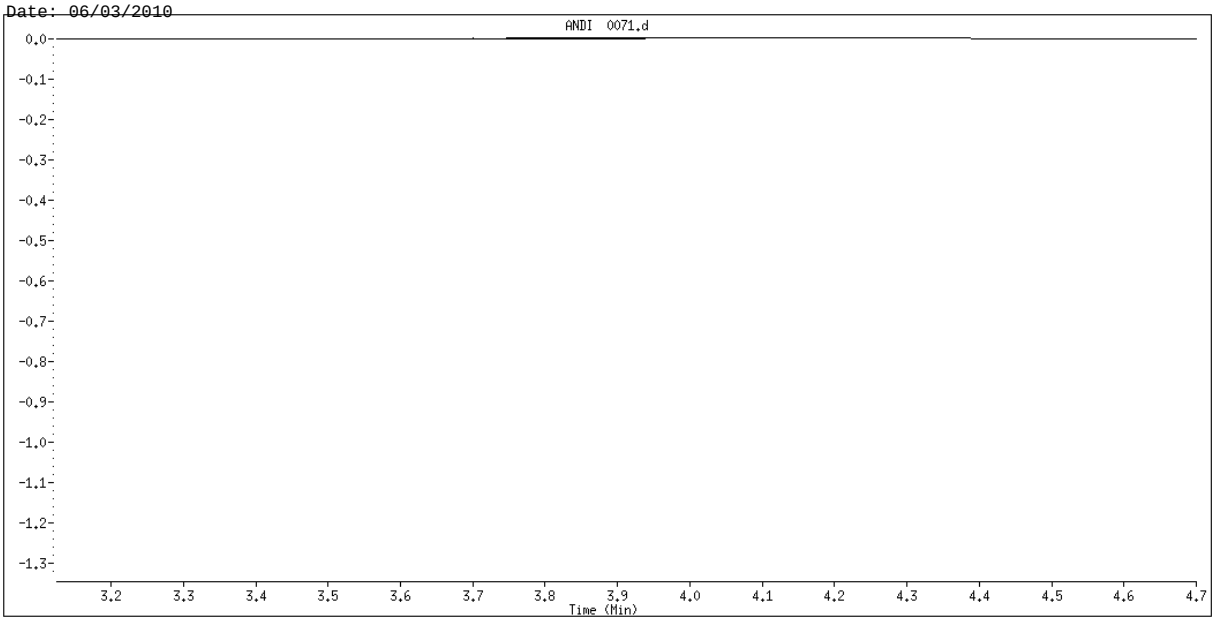
Original Integration



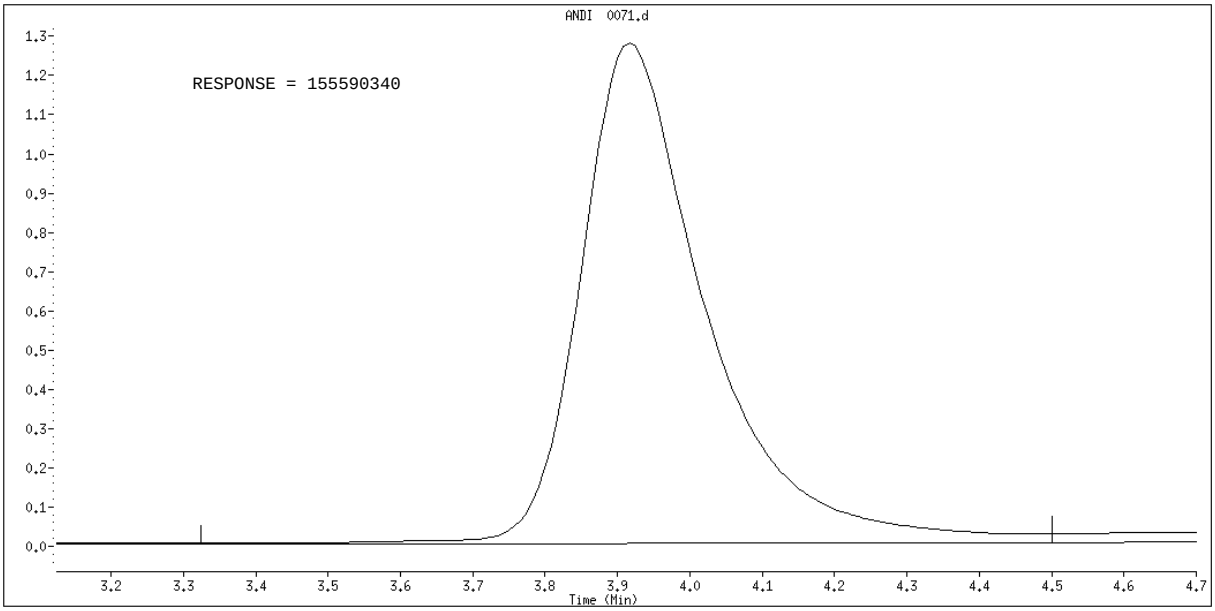
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0071.d
Inj. Date and Time: 03-JUN-2010 09:38
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



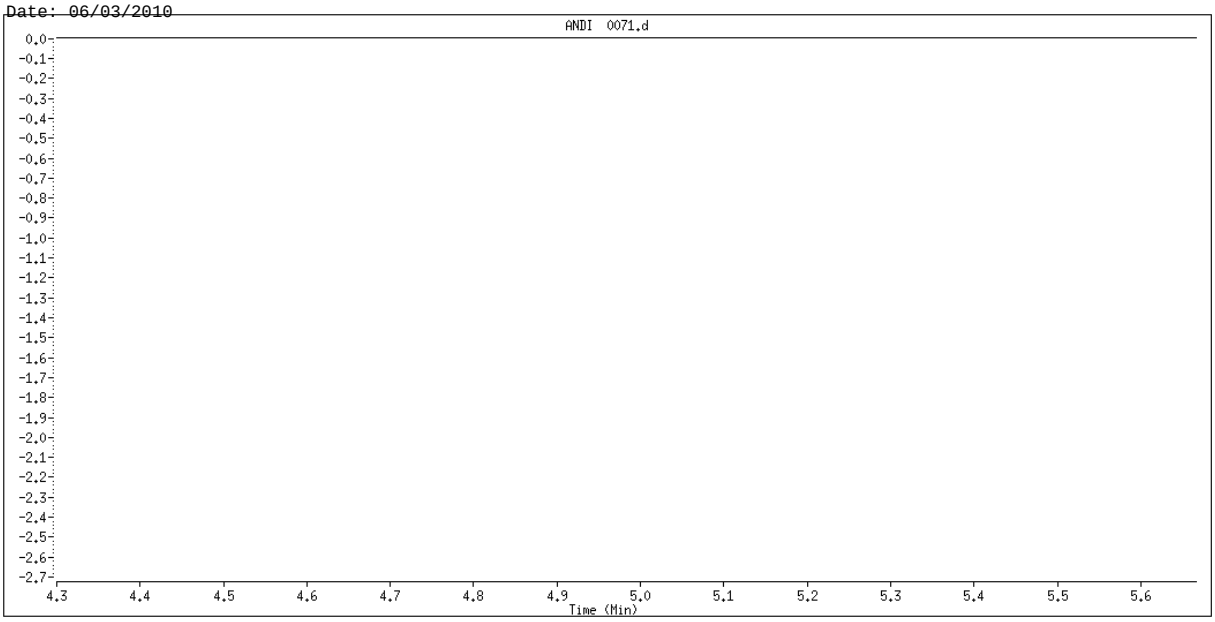
Original Integration



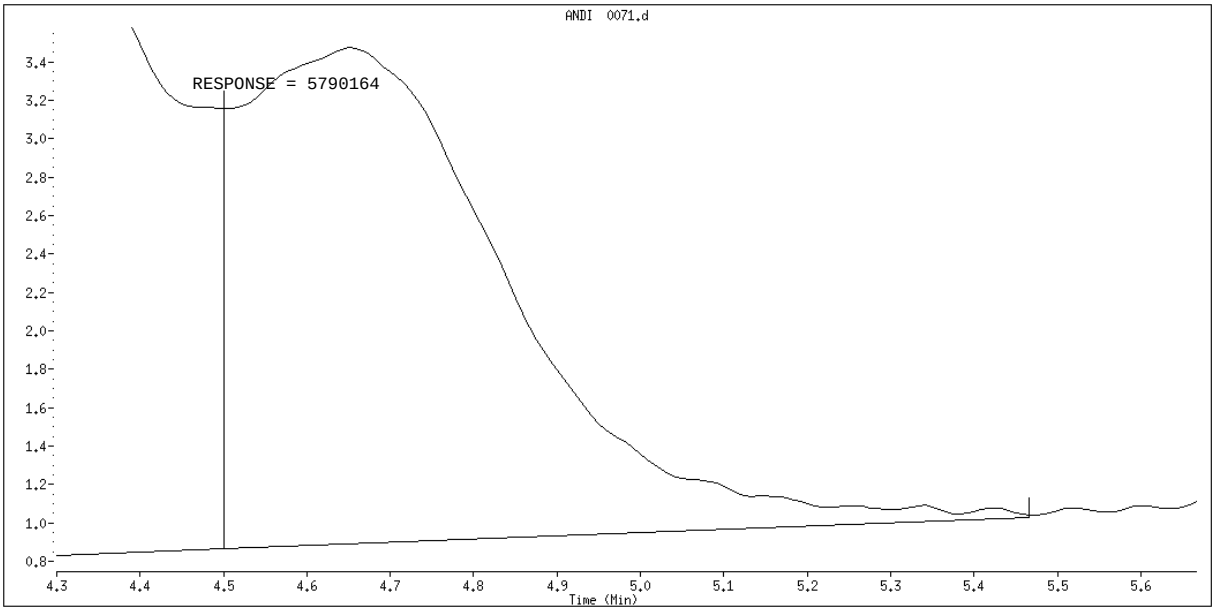
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0071.d
Inj. Date and Time: 03-JUN-2010 09:38
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0072.d
Report Date: 03-Jun-2010 15:08

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ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0072.d
Lab Smp Id: L1XAH
Inj Date : 03-JUN-2010 09:55
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAH
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

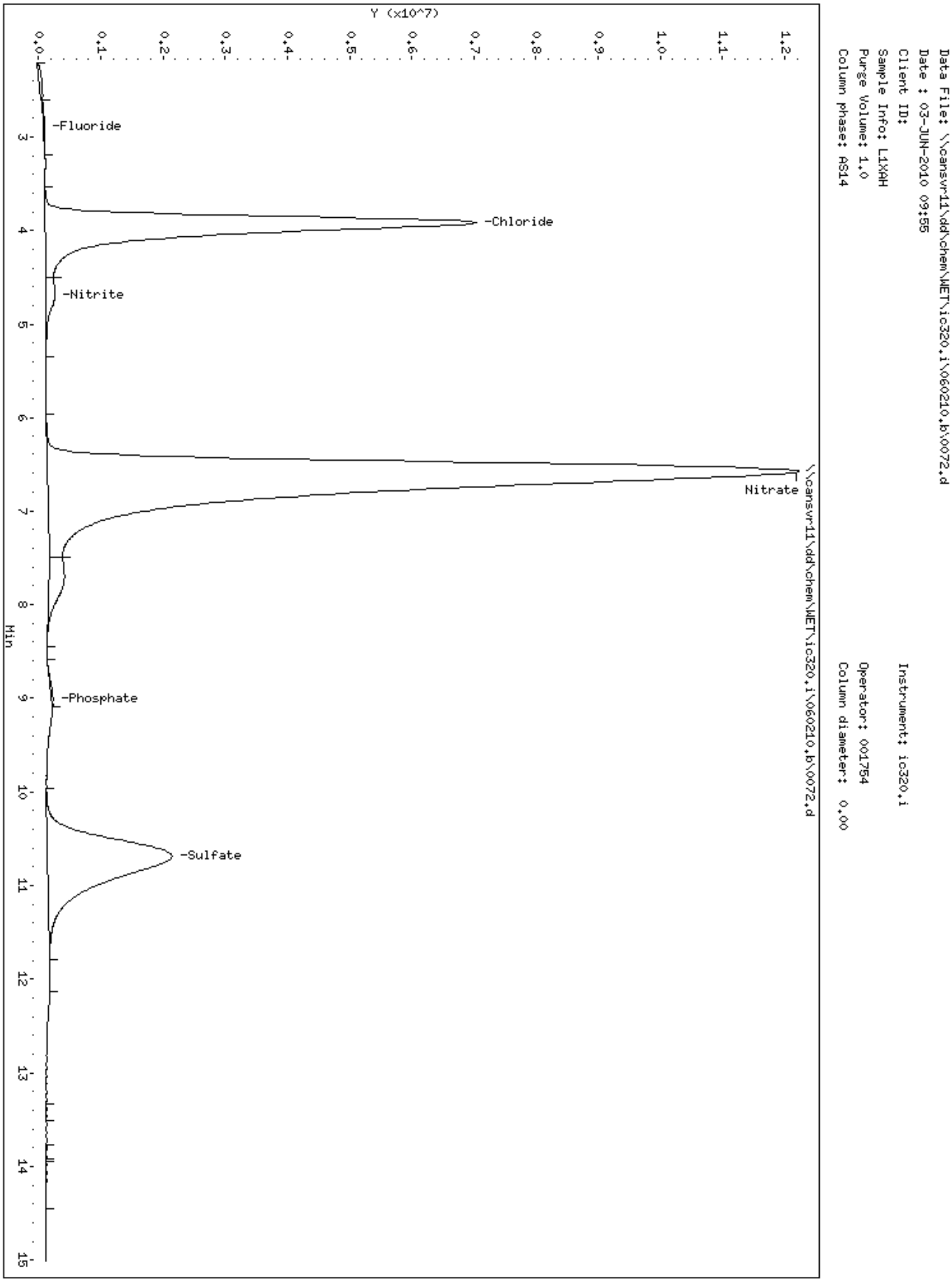
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

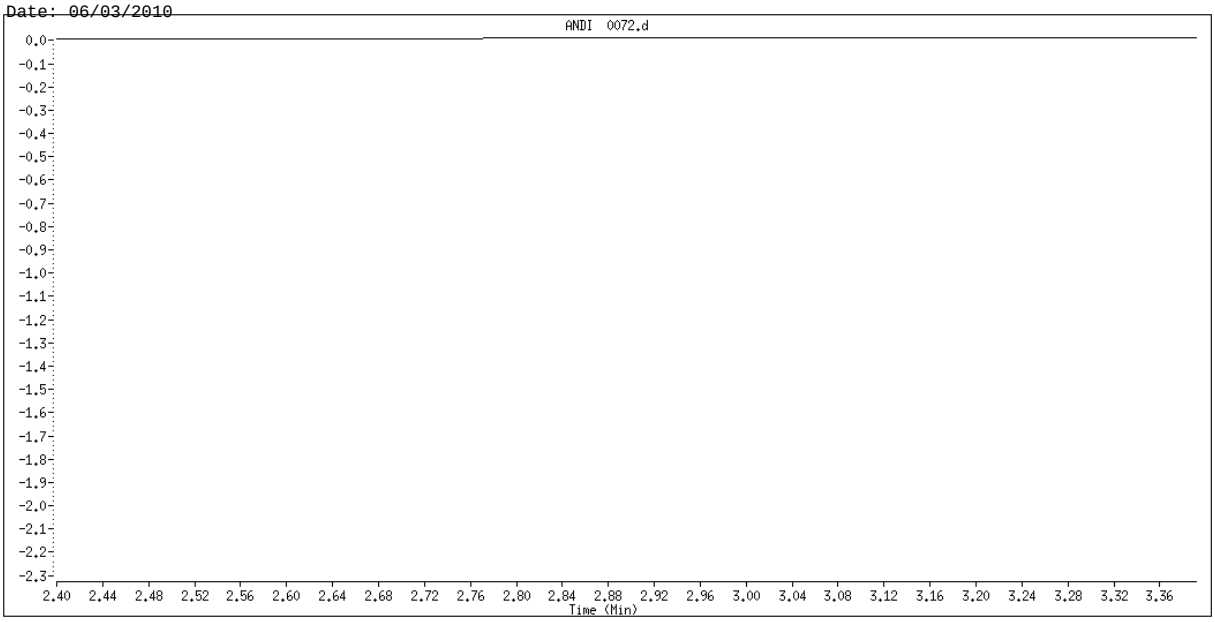
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.891	2.816	0.075	286321	0.02479	0.02479(aM)
2 Chloride	3.916	3.941	-0.025	89118691	9.23739	9.237
3 Nitrite	4.683	4.633	0.050	3526896	0.15497	0.1550
4 Bromide	Compound Not Detected.					
5 Nitrate	6.583	6.675	-0.092	251234505	13.3944	13.39(A)
6 Phosphate	9.008	8.800	0.208	18252	0.14638	0.1464
7 Sulfate	10.691	10.658	0.033	61099516	9.38102	9.381

QC Flag Legend

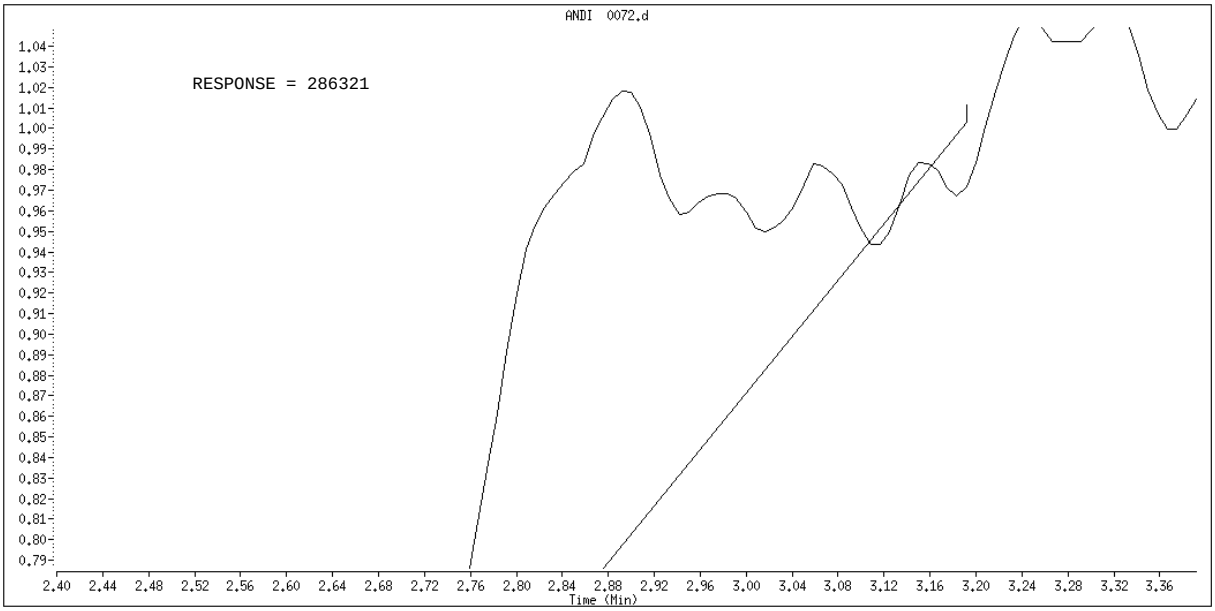
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0072.d
Date : 03-JUN-2010 09:55
Client ID:
Sample Info: L1XAH
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0072.d
Y (x10^7)
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
-Fluoride
-Chloride
-Nitrite
Nitrate
-Phosphate
-Sulfate
3
4
5
6
7
8
9
10
11
12
13
14
15
Min

Data File Name: 0072.d
Inj. Date and Time: 03-JUN-2010 09:55
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0073.d
Report Date: 03-Jun-2010 15:20

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 03-JUN-2010 10:12
Lab File ID: 0073.d Init. Cal. Date(s): 02-JUN-2010 02-JUN-2010
Analysis Type: WATER Init. Cal. Times: 13:37 15:56
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	11551330	11340380	11340380	0.010	1.82620	10.00000	Averaged
2 Chloride	9647610	9789196	9789196	0.010	-1.46758	10.00000	Averaged
3 Nitrite	22758984	21917904	21917904	0.010	3.69560	10.00000	Averaged
4 Bromide	3293497	3250951	3250951	0.010	1.29182	10.00000	Averaged
5 Nitrate	18756625	18298244	18298244	0.010	2.44383	10.00000	Averaged
6 Phosphate	2.50000	2.41891	268518	0.010	3.24359	10.00000	Linear
7 Sulfate	6513100	5888630	5888630	0.010	9.58791	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0073.d
Report Date: 03-Jun-2010 15:20

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0073.d
Lab Smp Id: CCV
Inj Date : 03-JUN-2010 10:12
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

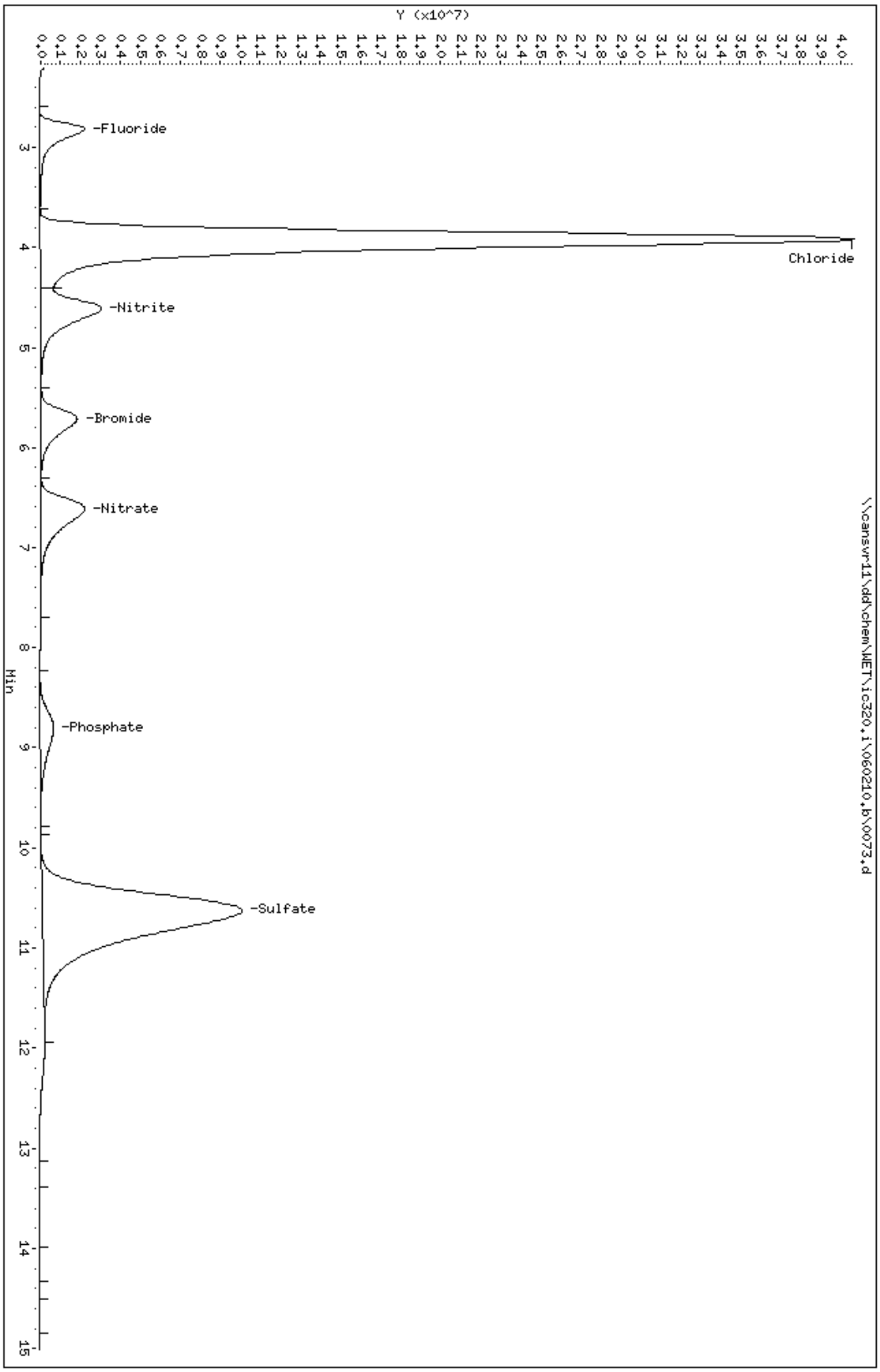
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.816	2.816	0.000	28350950	2.50000	2.454
2 Chloride	3.916	3.916	0.000	489459812	50.0000	50.73
3 Nitrite	4.608	4.608	0.000	54794759	2.50000	2.408
4 Bromide	5.708	5.708	0.000	32509506	10.0000	9.871
5 Nitrate	6.625	6.625	0.000	45745611	2.50000	2.439
6 Phosphate	8.808	8.808	0.000	671295	2.50000	2.419
7 Sulfate	10.625	10.625	0.000	294431496	50.0000	45.21(M)

QC Flag Legend

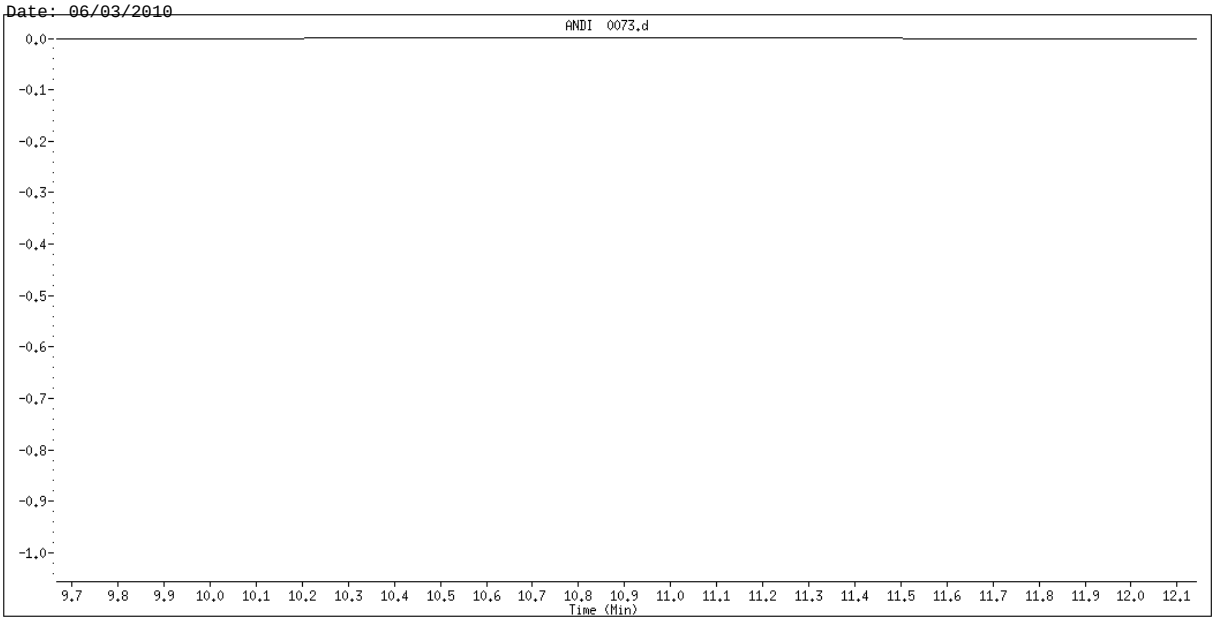
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0073.d
Date : 03-JUN-2010 10:12
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

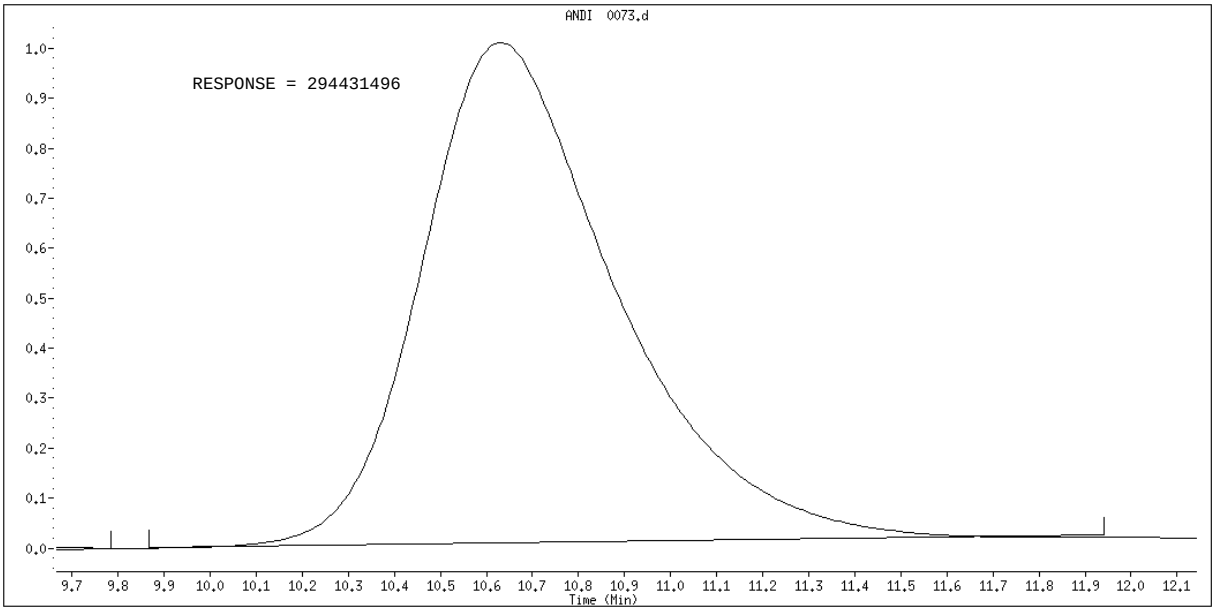
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0073.d
Inj. Date and Time: 03-JUN-2010 10:12
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0074.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

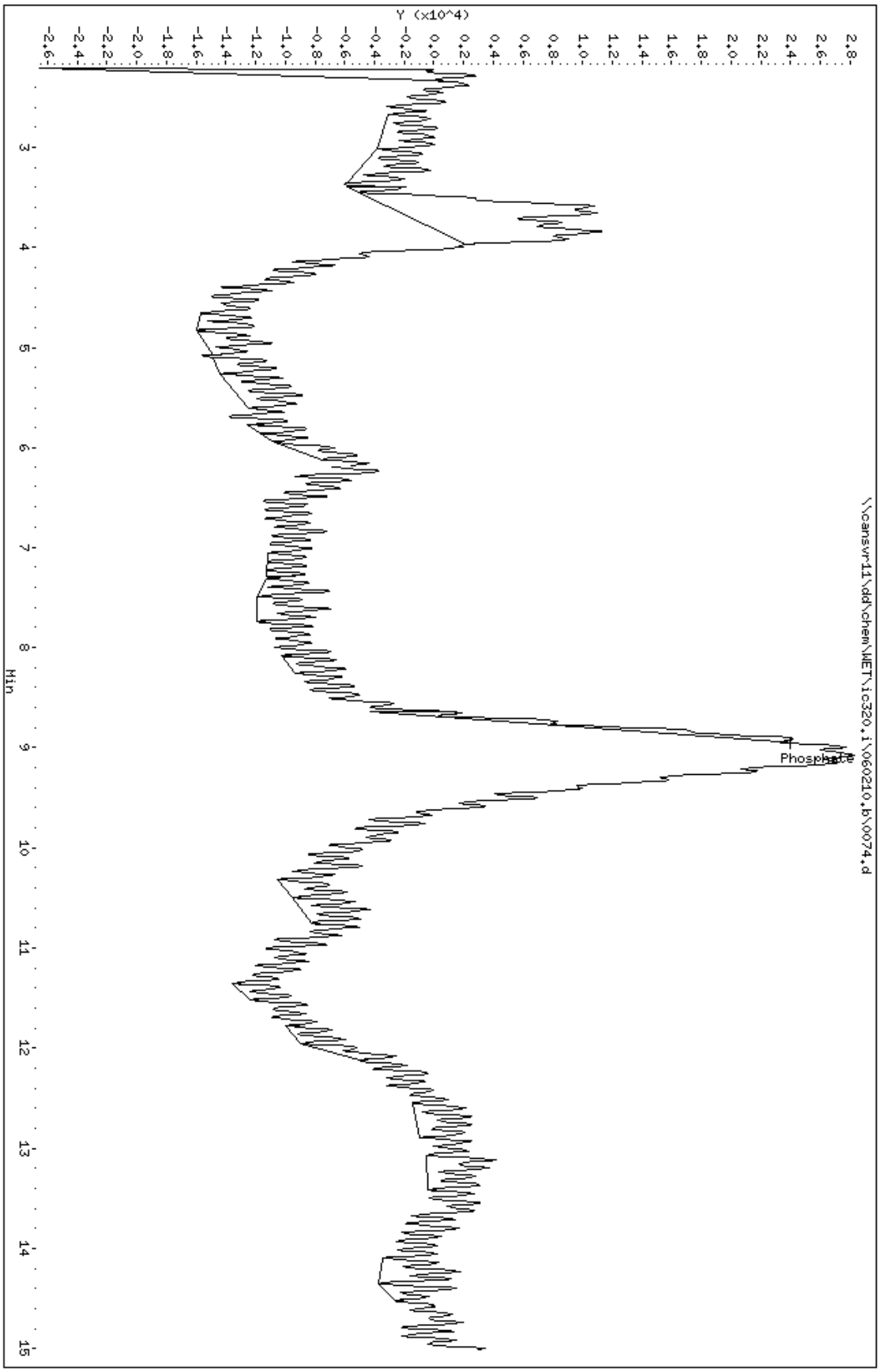
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0074.d
Lab Smp Id: CCB
Inj Date : 03-JUN-2010 10:30
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.908	8.808	0.100	3993	0.09676	0.09676
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0074.d
Date : 03-JUN-2010 10:30
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0074.d
Phosphate
Y (x10^4)
Min

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0075.d
Report Date: 03-Jun-2010 15:08

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0075.d
Lab Smp Id: L1XAJ
Inj Date : 03-JUN-2010 10:47
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAJ
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

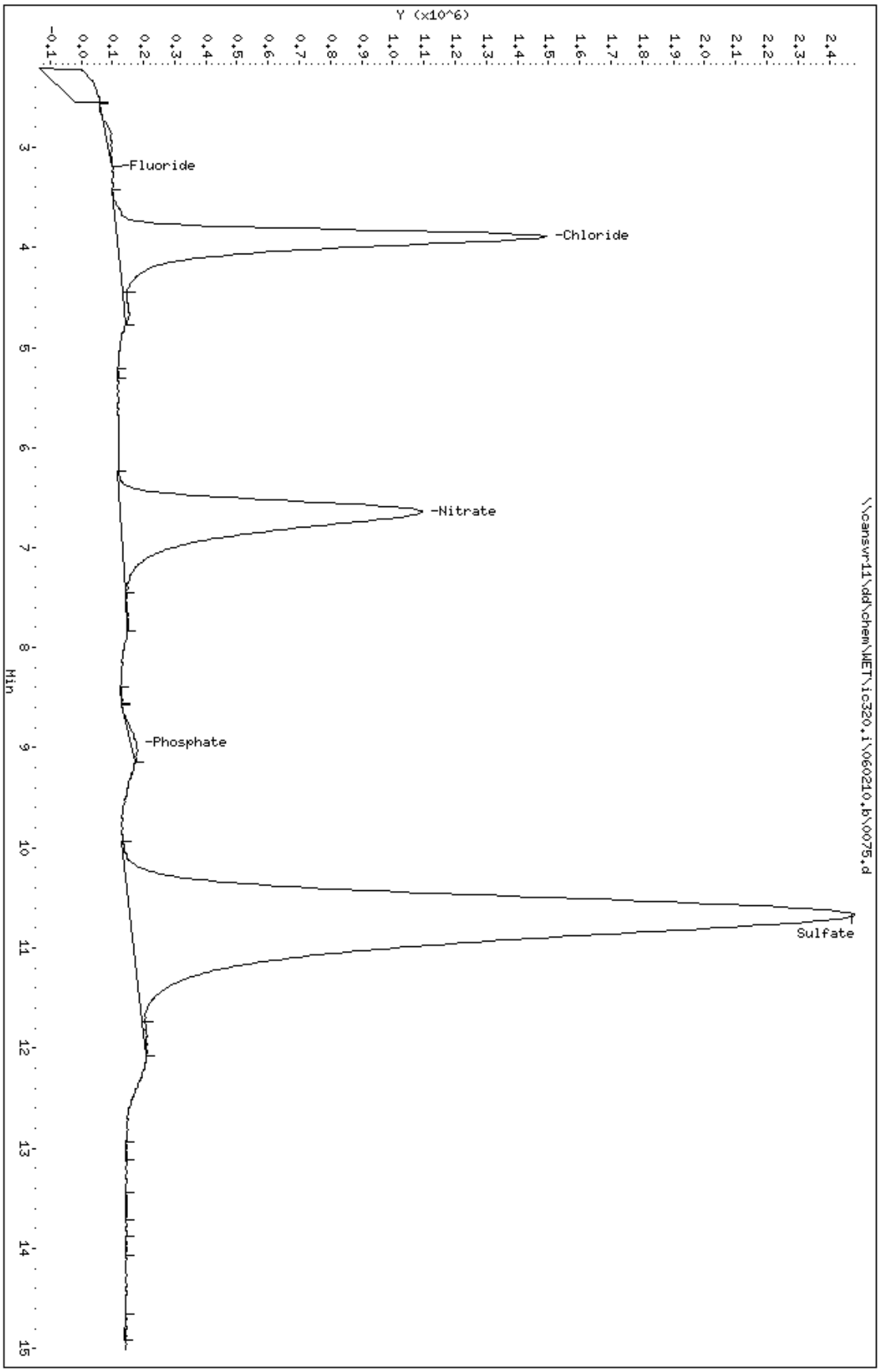
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

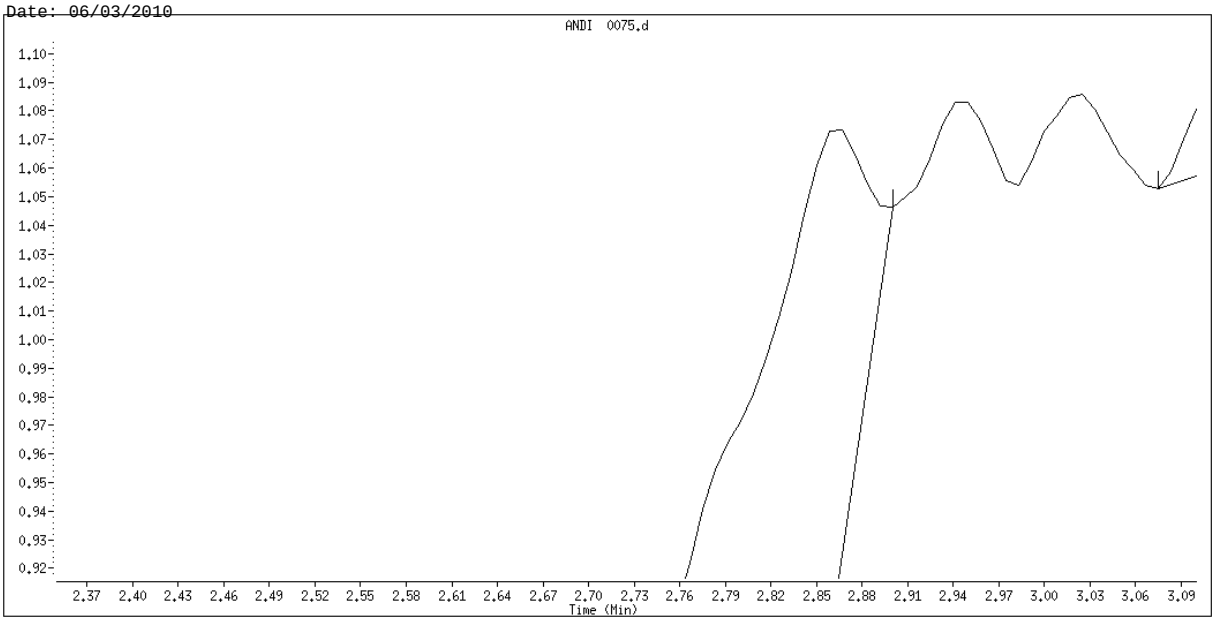
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
2 Chloride	3.891	3.941	-0.050	18514647	1.91909	1.919
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.650	6.675	-0.025	20248170	1.07952	1.080
6 Phosphate	8.958	8.800	0.158	17841	0.14495	0.1450
7 Sulfate	10.666	10.658	0.008	70700984	10.8552	10.86

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0075.d
Date : 03-JUN-2010 10:47
Client ID:
Sample Info: L1XAJ
Purge Volume: 1.0
Column Phase: AS14

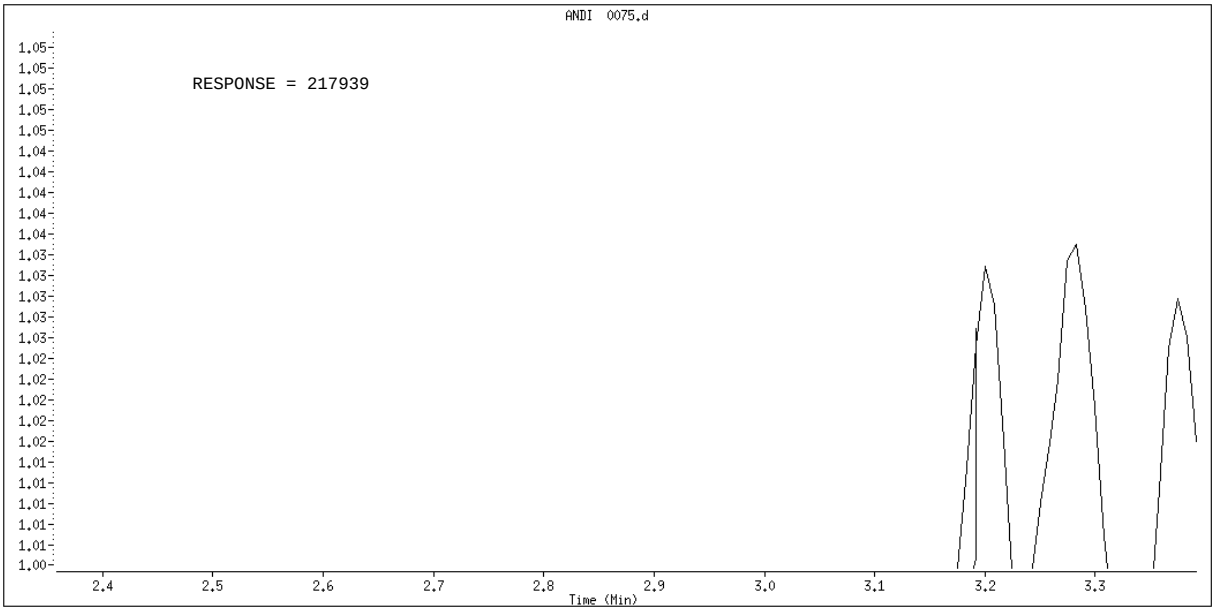
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0075.d
Inj. Date and Time: 03-JUN-2010 10:47
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0076.d
Report Date: 03-Jun-2010 15:09

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0076.d
Lab Smp Id: L1XAK
Inj Date : 03-JUN-2010 11:05
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAK
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

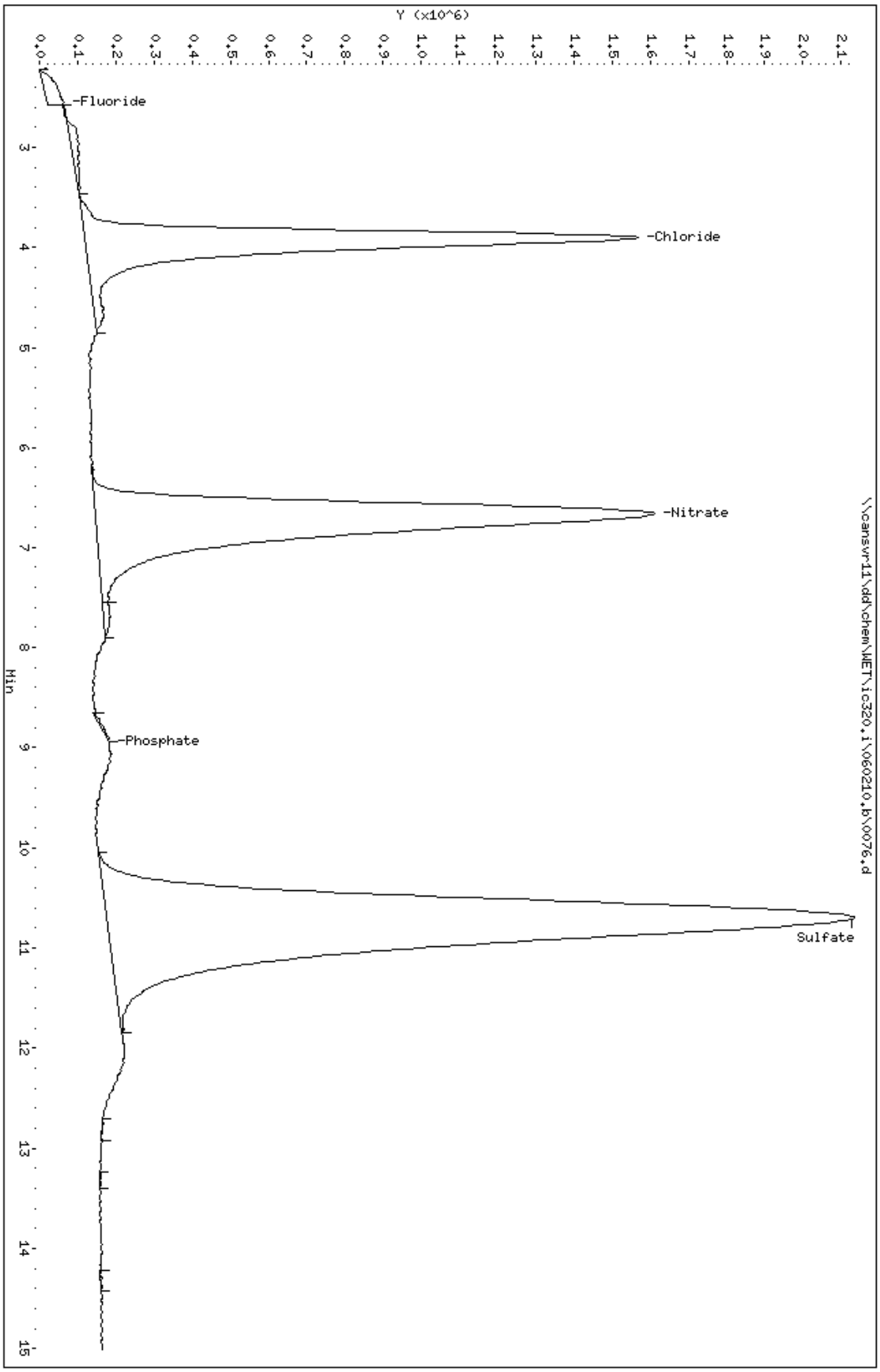
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

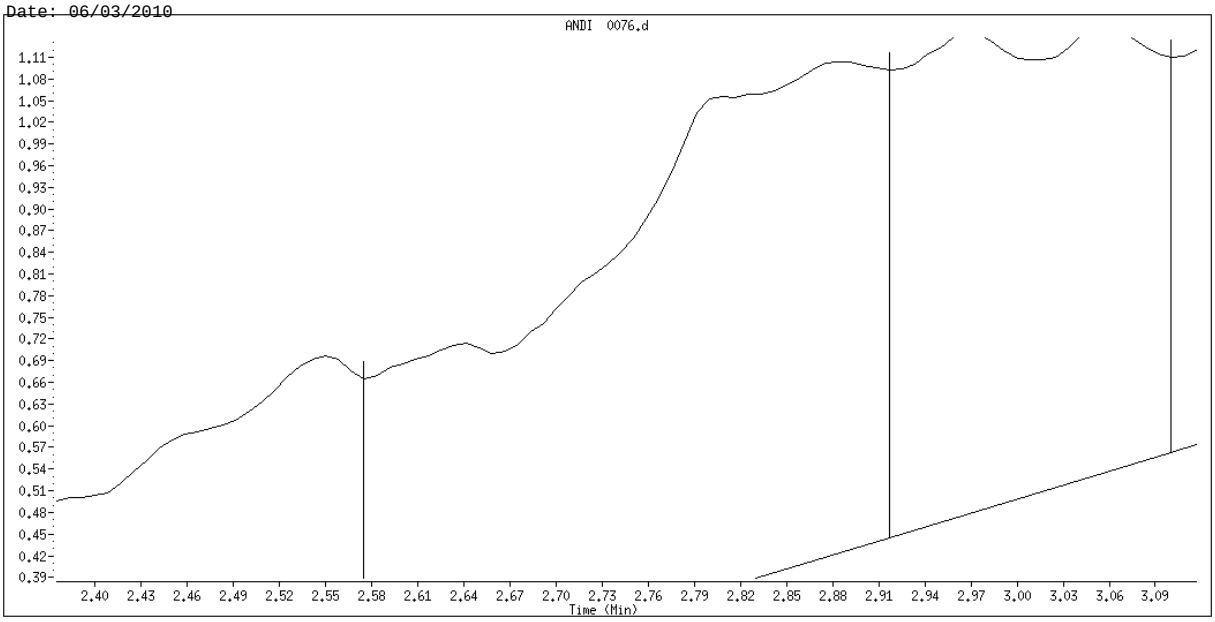
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.550	2.816	-0.266	663124	0.05741	0.05741(M)
2 Chloride	3.900	3.941	-0.041	20000466	2.07310	2.073(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.666	6.675	-0.009	31203159	1.66358	1.664
6 Phosphate	8.941	8.800	0.141	0	0.08287	0.08287
7 Sulfate	10.700	10.658	0.042	59867315	9.19183	9.192

QC Flag Legend

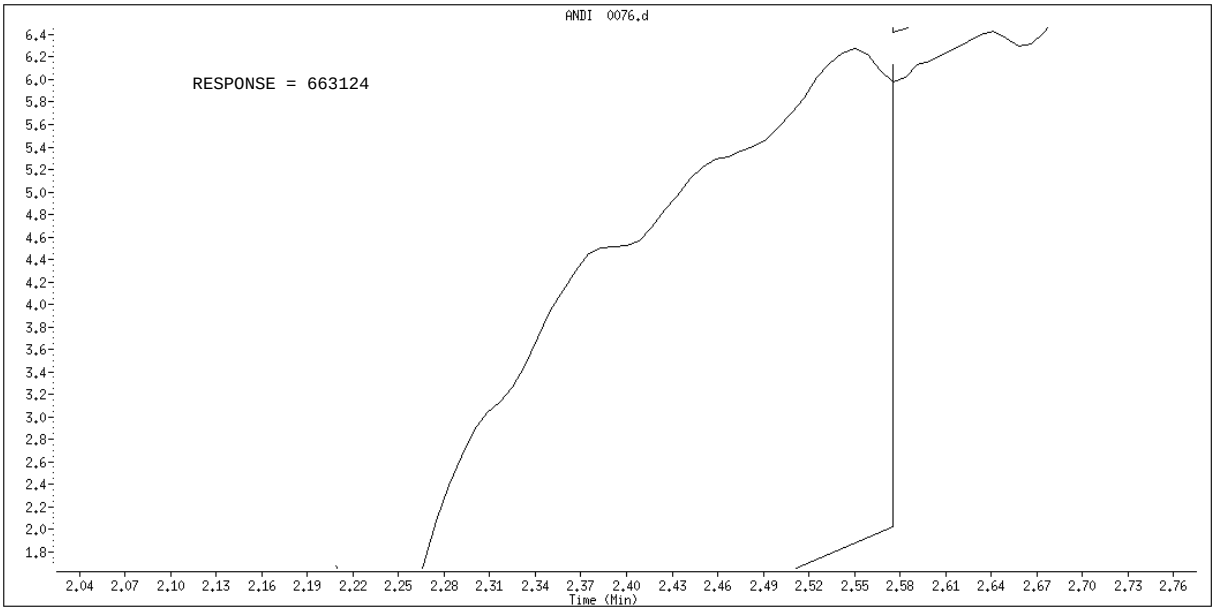
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0076.d
Date : 03-JUN-2010 11:05
Client ID:
Sample Info: L1XAK
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0076.d
Y (x10^6)
Fluoride
Chloride
Nitrate
Phosphate
Sulfate
Min

Data File Name: 0076.d
Inj. Date and Time: 03-JUN-2010 11:05
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



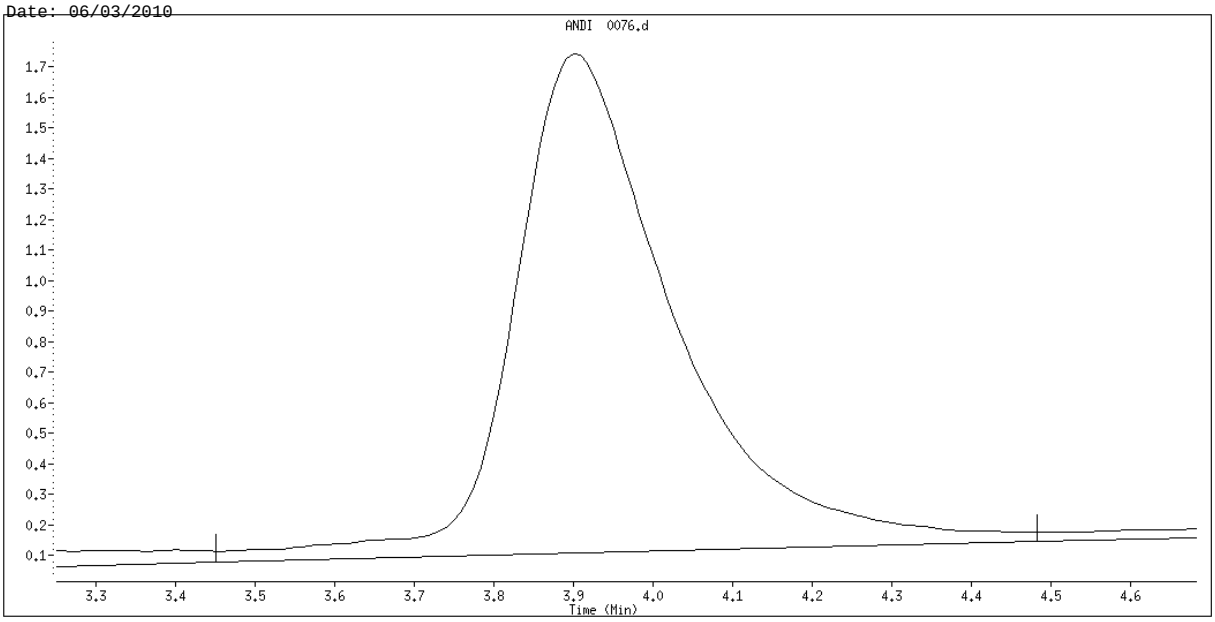
Original Integration



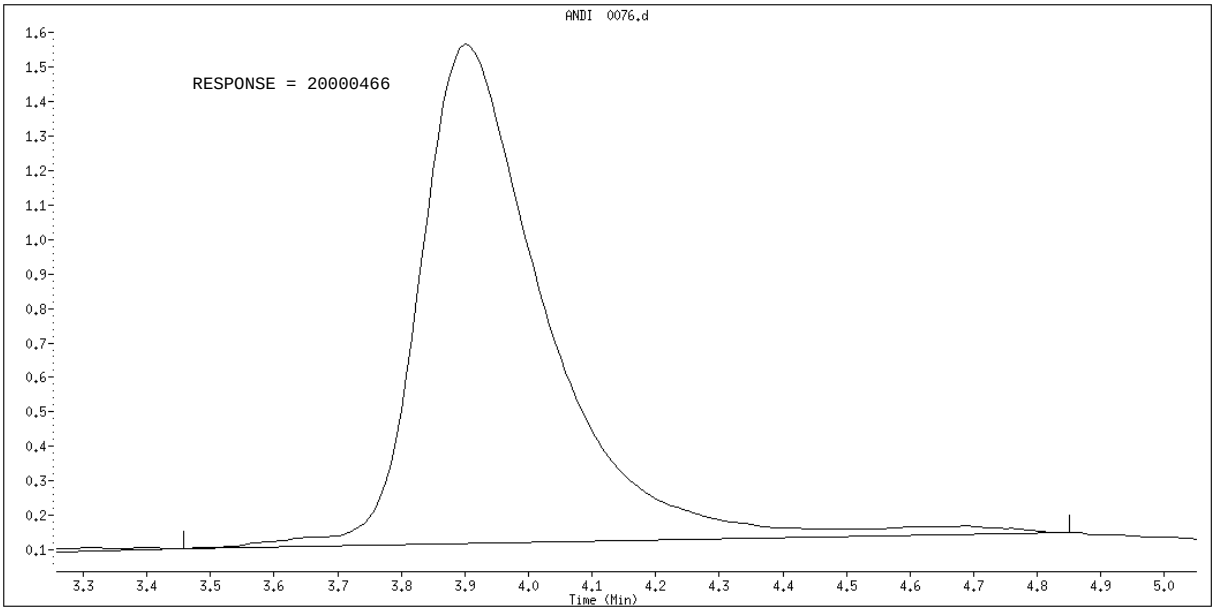
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0076.d
Inj. Date and Time: 03-JUN-2010 11:05
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0077.d
Report Date: 03-Jun-2010 15:09

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0077.d
Lab Smp Id: L1XAL
Inj Date : 03-JUN-2010 11:22
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAL
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

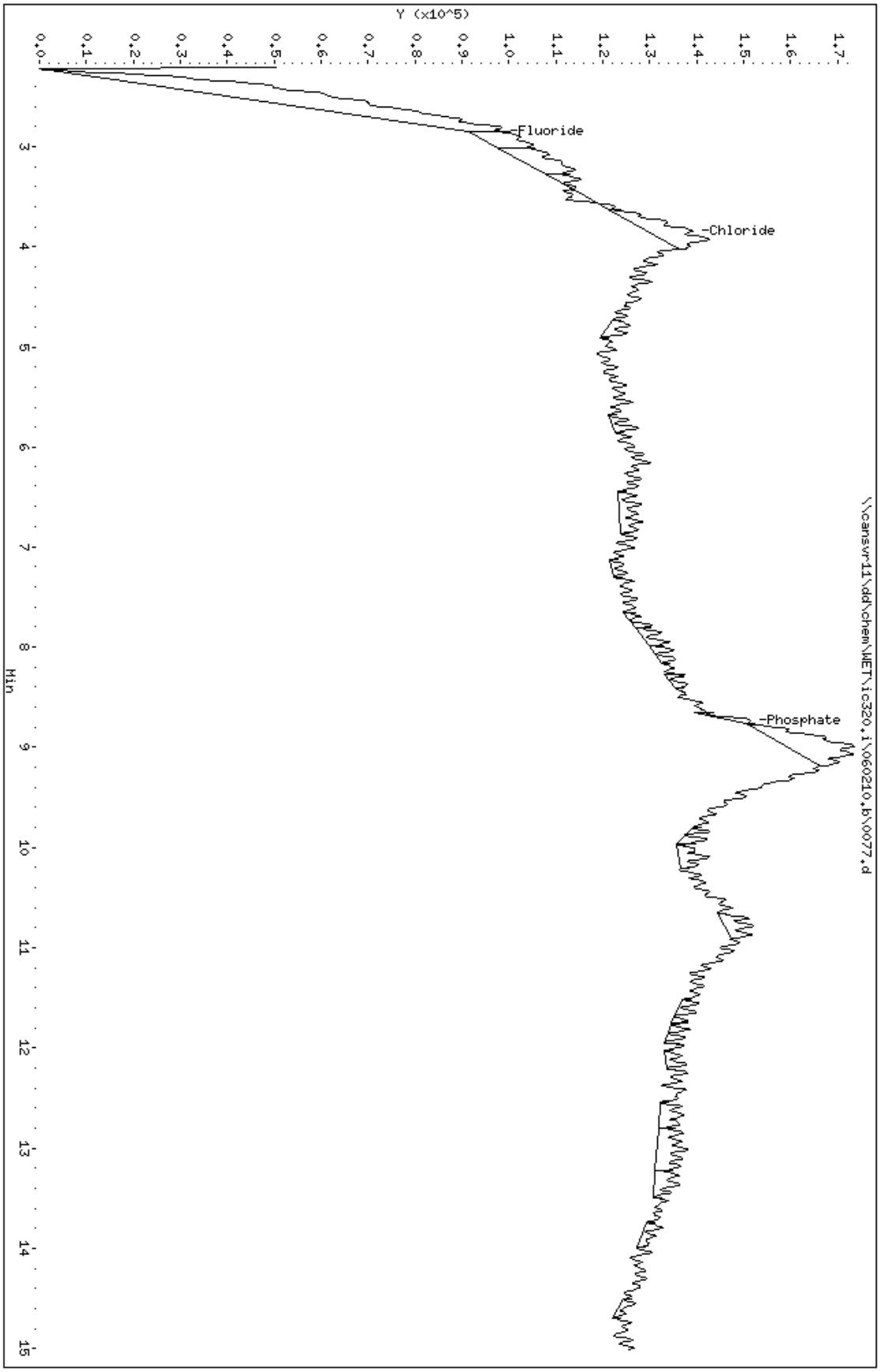
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

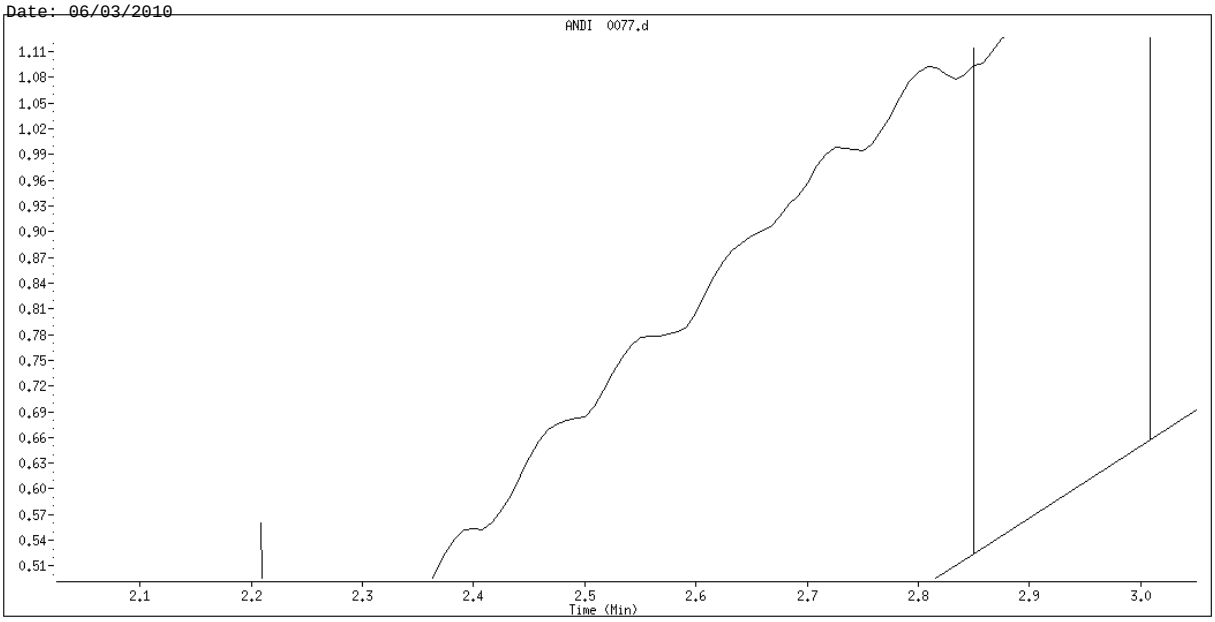
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.850	2.816	0.034	658799	0.05703	0.05703(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.741	8.800	-0.059	3397	0.09469	0.09469
7 Sulfate	Compound Not Detected.					

QC Flag Legend

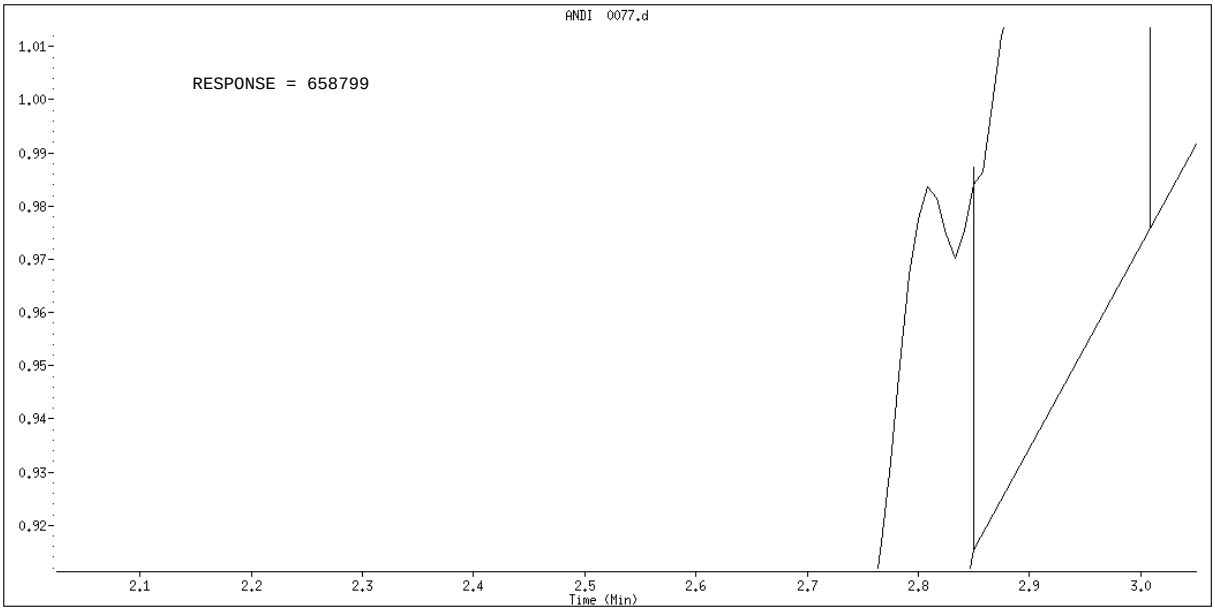
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0077.d
Date : 03-JUN-2010 11:22
Client ID:
Sample Info: LIXAL
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0077.d
Y (x10^5)
Fluoride
Chloride
Phosphate
Min

Data File Name: 0077.d
Inj. Date and Time: 03-JUN-2010 11:22
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



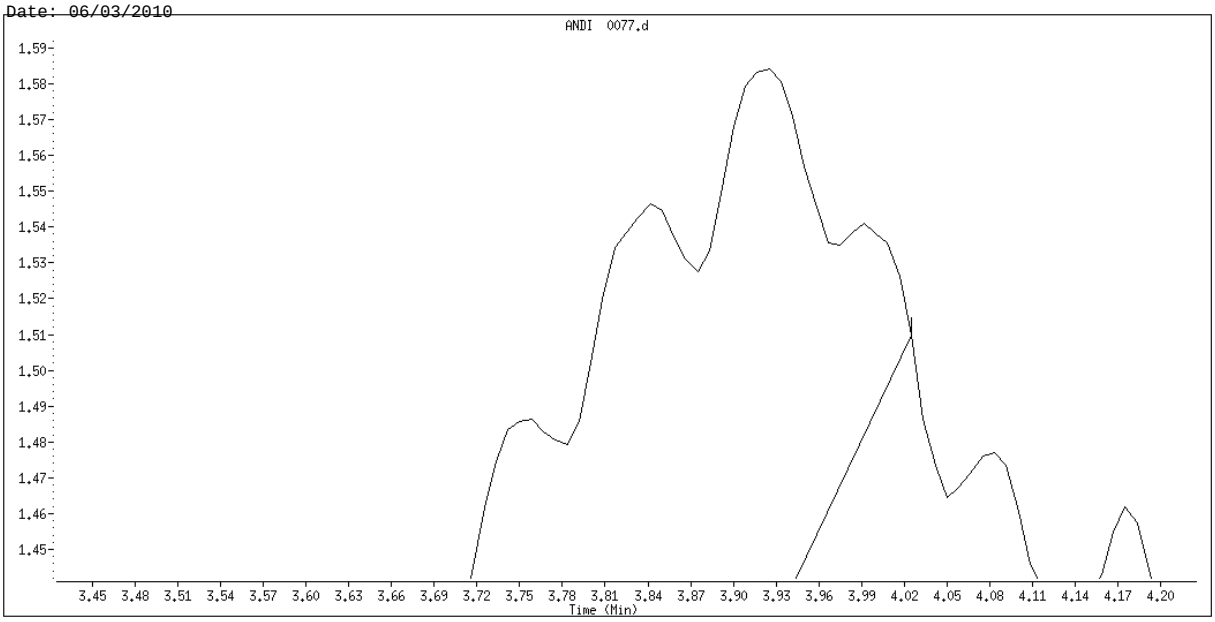
Original Integration



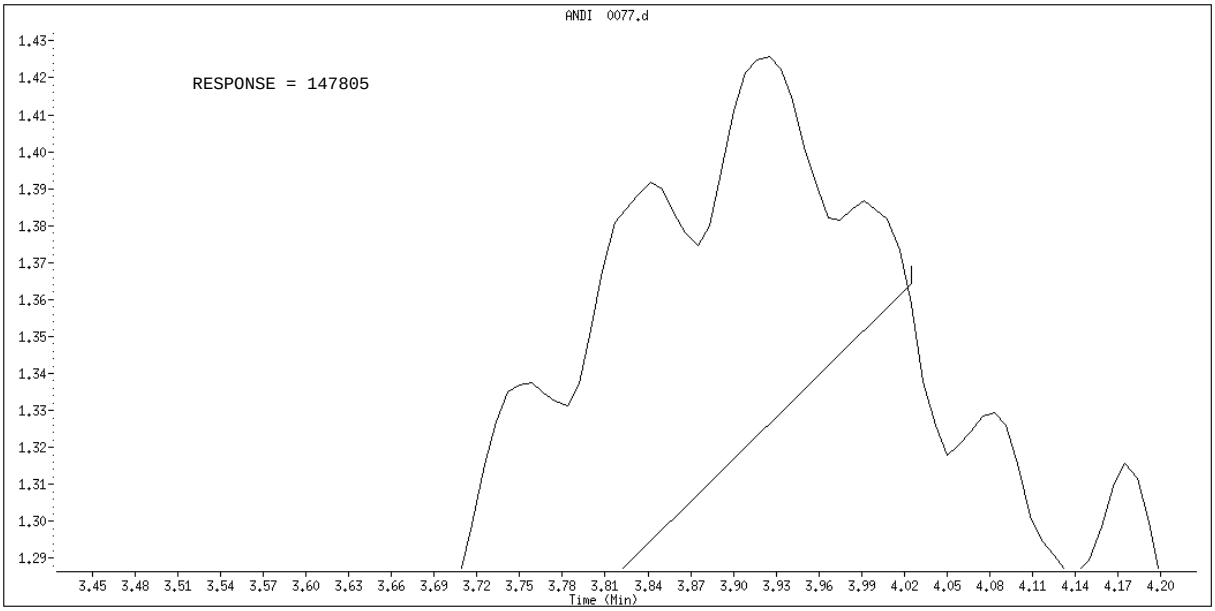
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0077.d
Inj. Date and Time: 03-JUN-2010 11:22
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0078.d
Report Date: 03-Jun-2010 15:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0078.d
Lab Smp Id: L1XAN
Inj Date : 03-JUN-2010 11:39
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAN
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

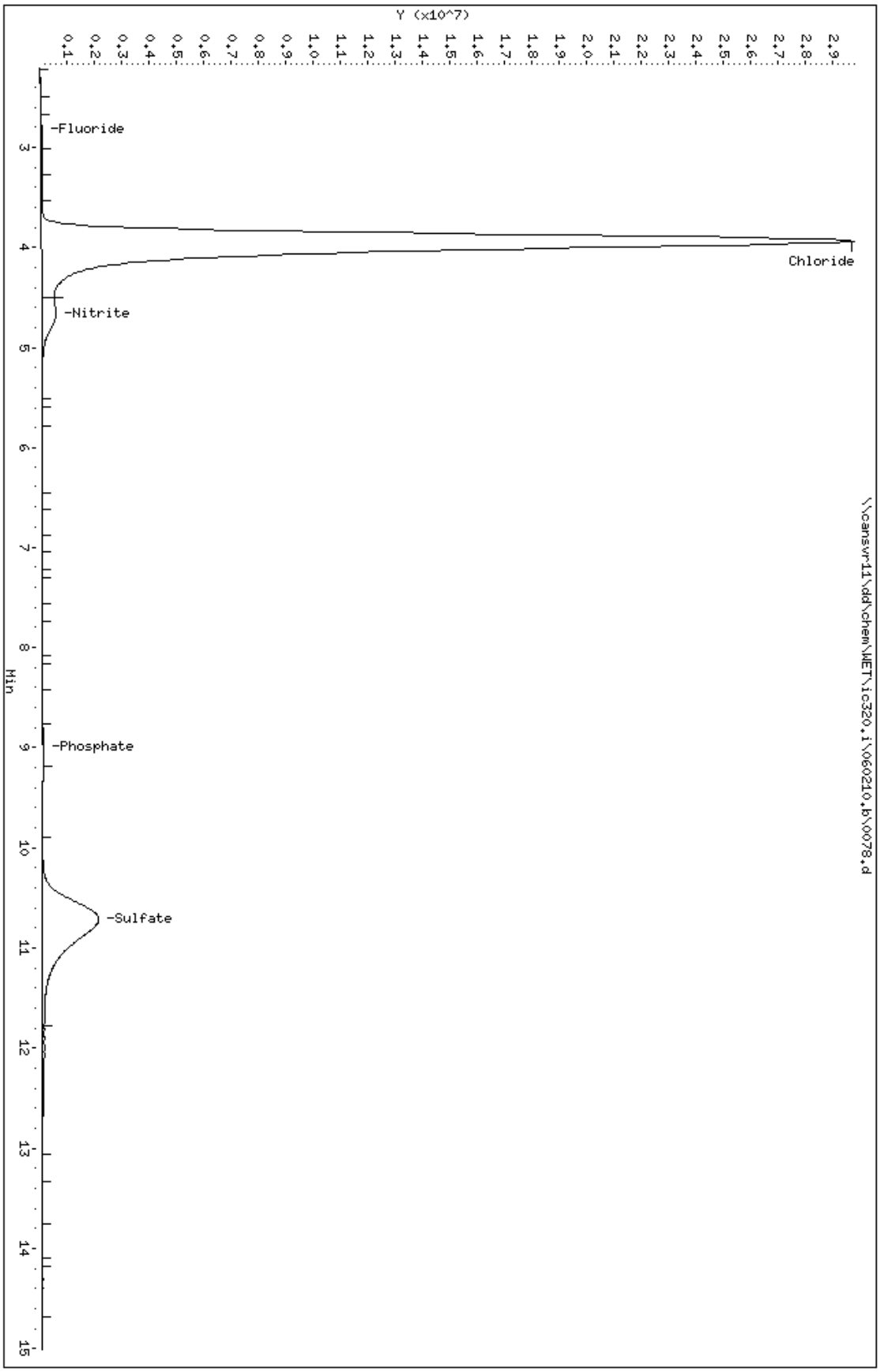
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.891	2.816	0.075	515165	0.04460	0.04460(aM)
2 Chloride	3.933	3.941	-0.008	354914874	36.7879	36.79(M)
3 Nitrite	4.658	4.633	0.025	11722675	0.51508	0.5151(M)
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.991	8.800	0.191	13940	0.13138	0.1314
7 Sulfate	10.708	10.658	0.050	65442171	10.0478	10.05

QC Flag Legend

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

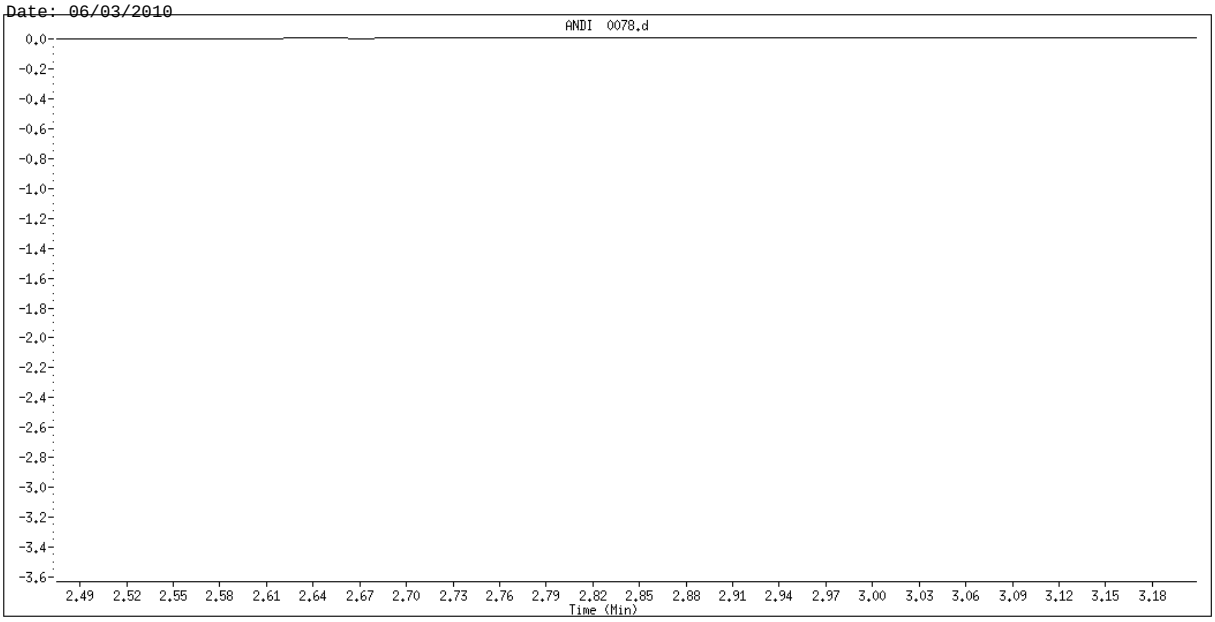
Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0078.d
Date : 03-JUN-2010 11:39
Client ID:
Sample Info: L1XAN
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00

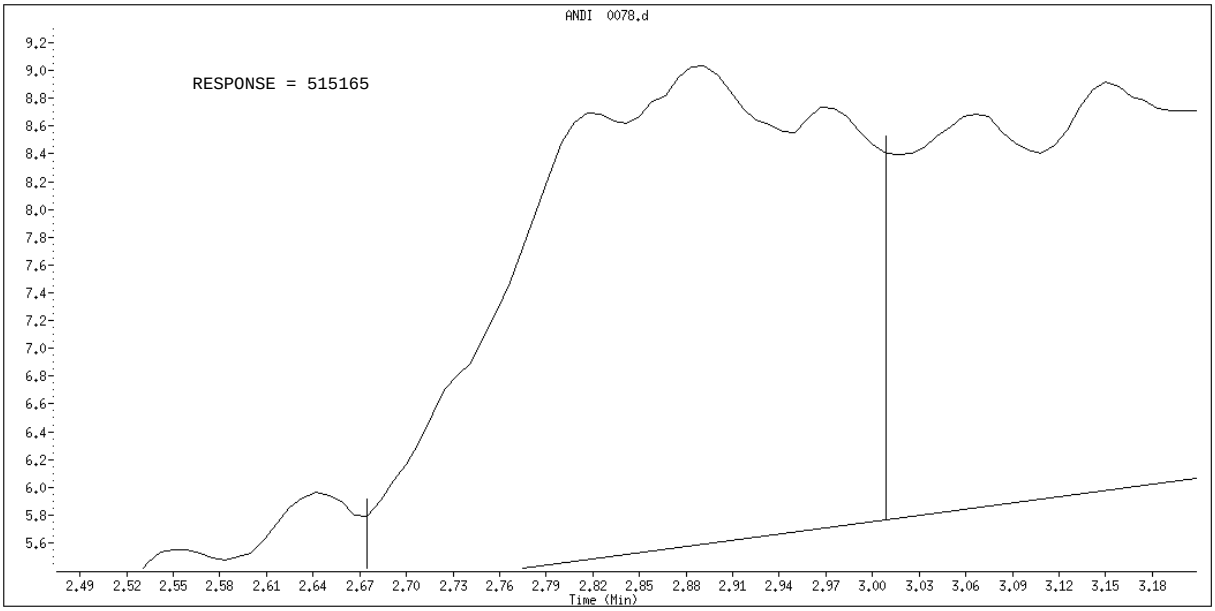


\\cansvr11\dd\chem\WET\ic320.i\060210.b\0078.d

Data File Name: 0078.d
Inj. Date and Time: 03-JUN-2010 11:39
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



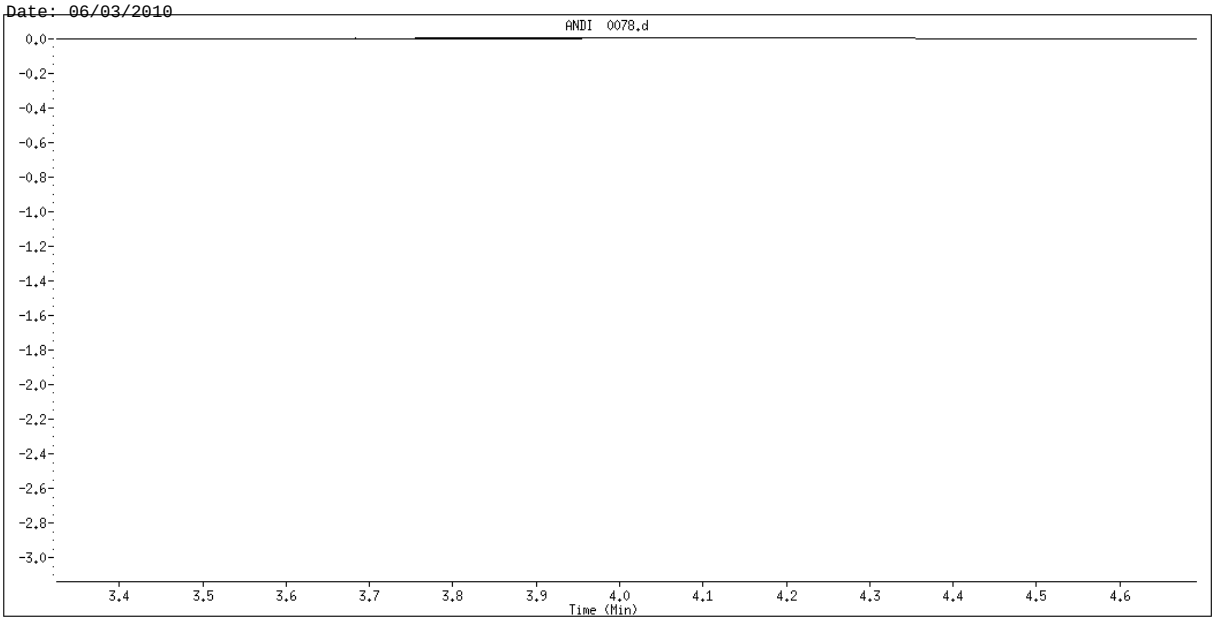
Original Integration



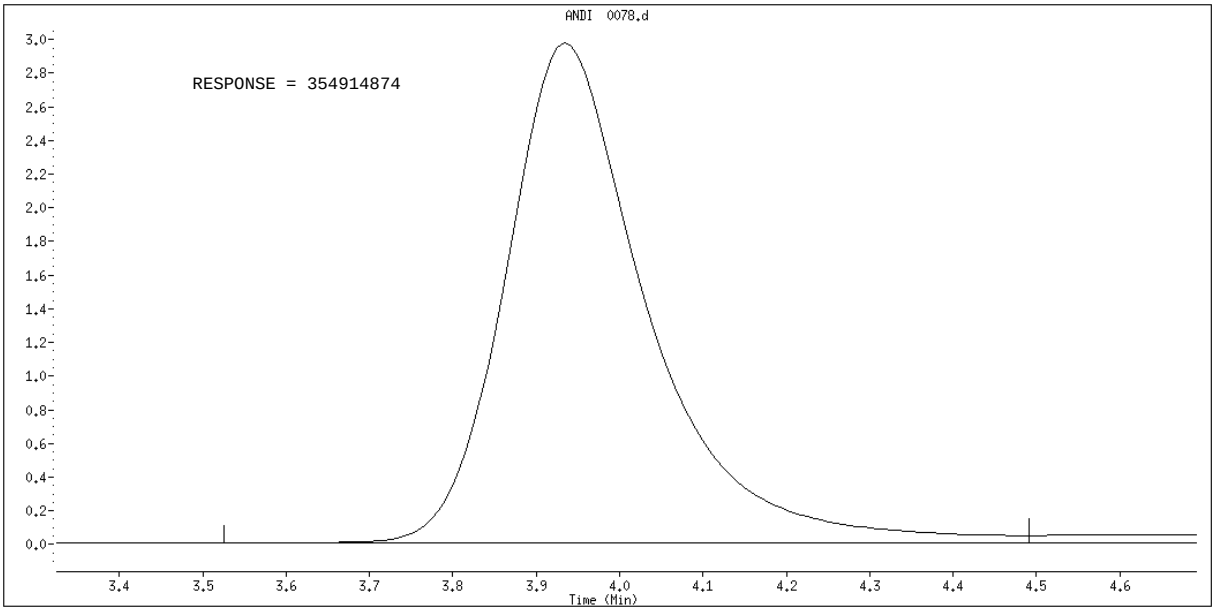
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0078.d
Inj. Date and Time: 03-JUN-2010 11:39
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



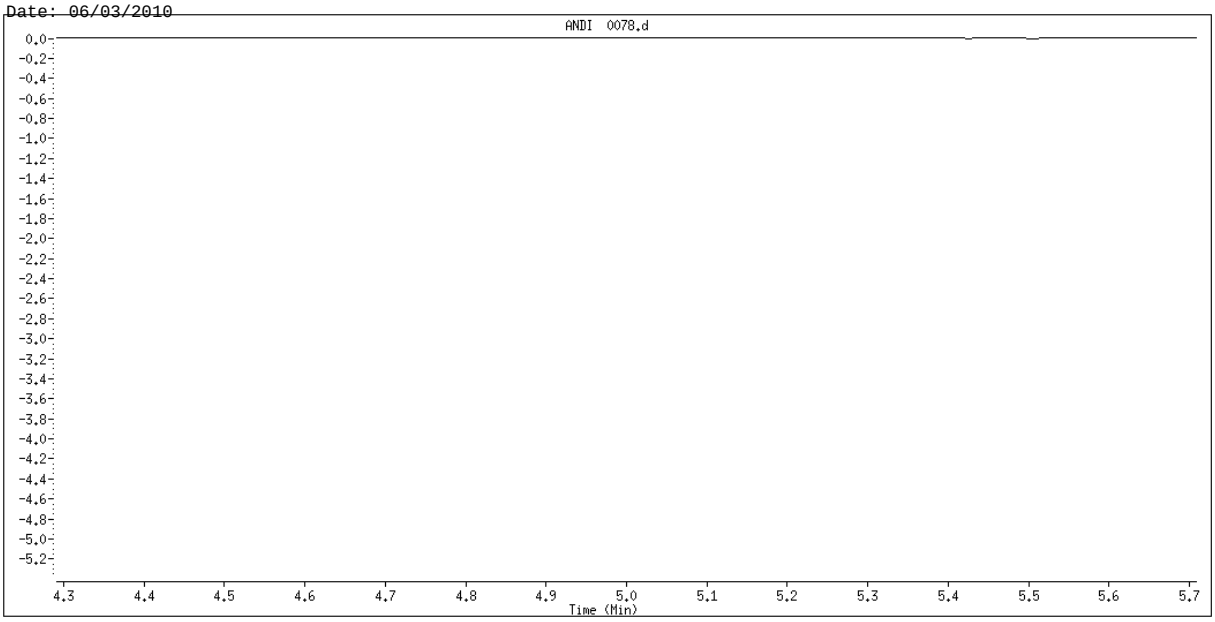
Original Integration



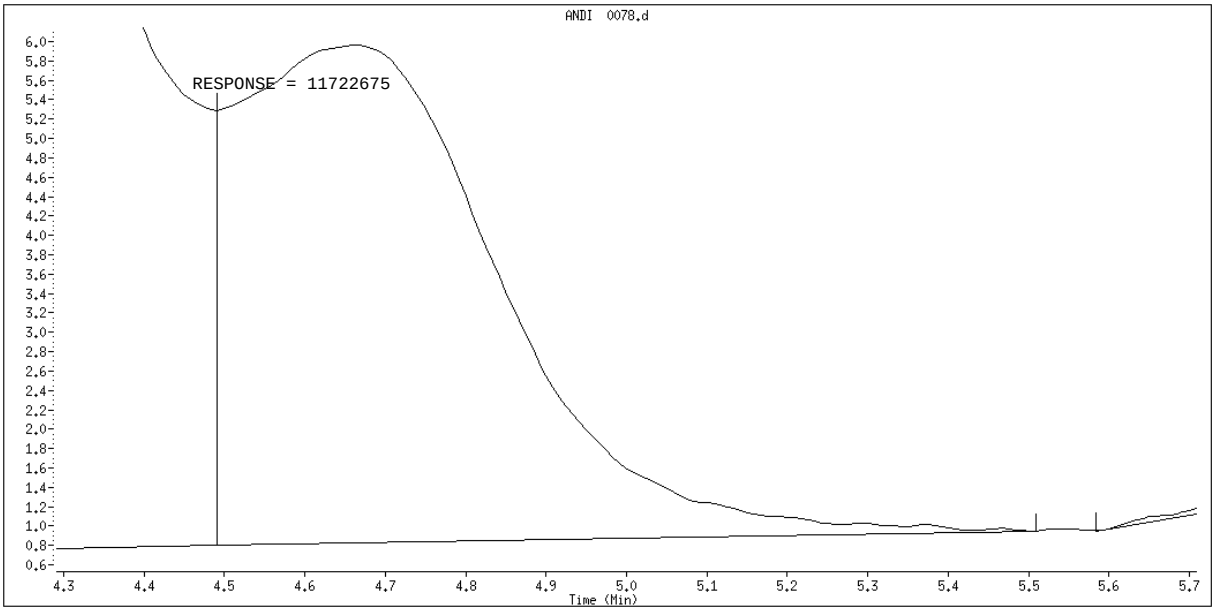
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0078.d
Inj. Date and Time: 03-JUN-2010 11:39
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0079.d
Report Date: 03-Jun-2010 15:10

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0079.d
Lab Smp Id: L1XAP
Inj Date : 03-JUN-2010 11:57
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAP
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

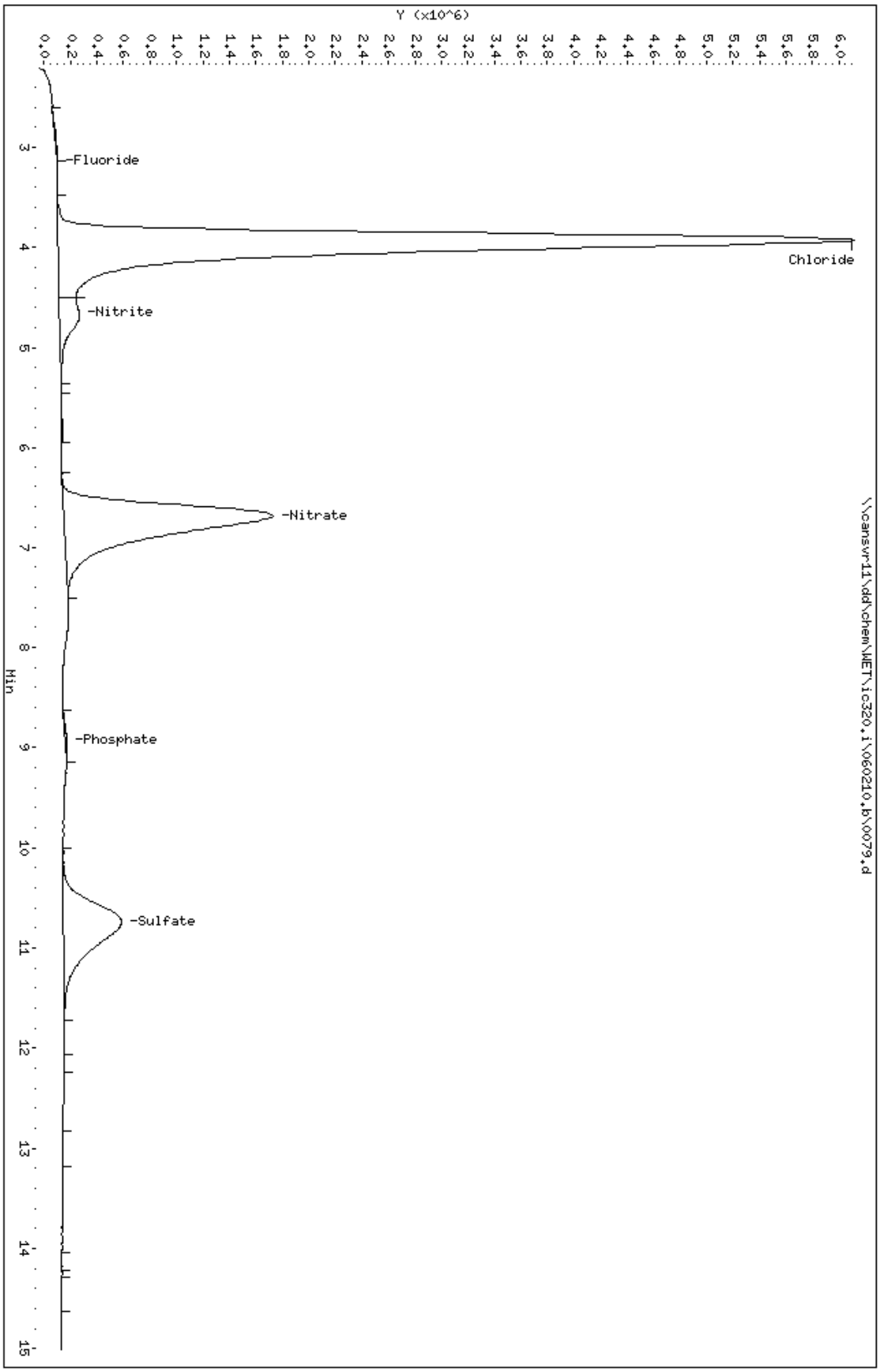
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

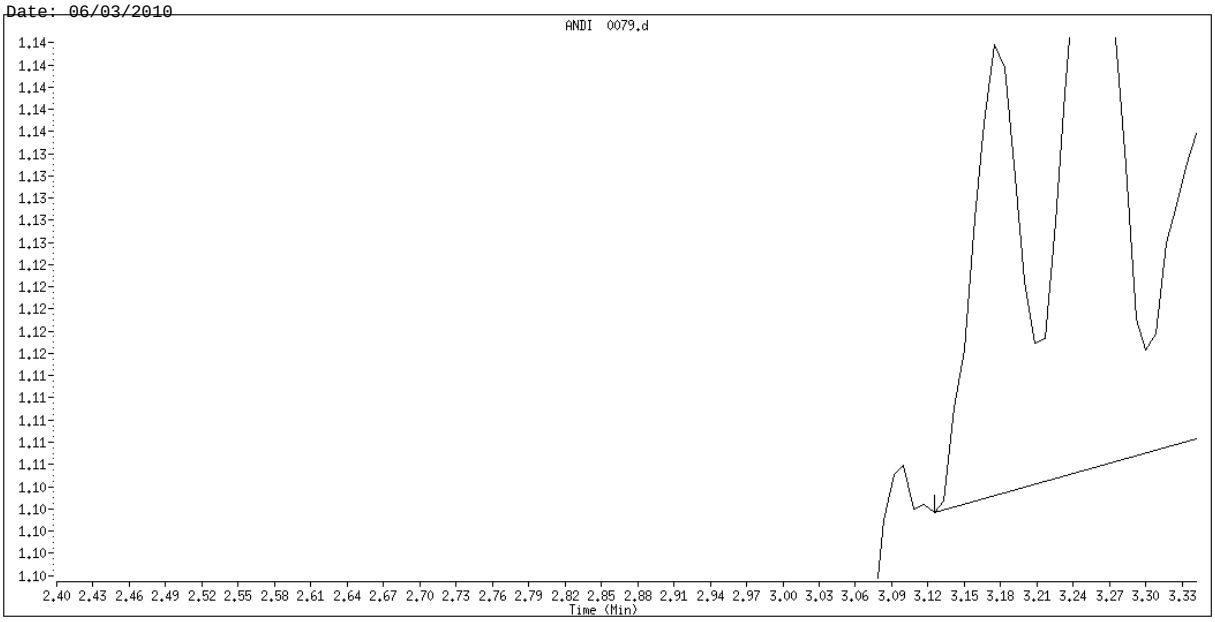
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
2 Chloride	3.925	3.941	-0.016	78126008	8.09797	8.098
3 Nitrite	4.650	4.633	0.017	3453970	0.15176	0.1518
4 Bromide	Compound Not Detected.					
5 Nitrate	6.691	6.675	0.016	32615540	1.73888	1.739
6 Phosphate	8.933	8.800	0.133	14177	0.13220	0.1322
7 Sulfate	10.741	10.658	0.083	13797391	2.11841	2.118

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0079.d
Date : 03-JUN-2010 11:57
Client ID:
Sample Info: L1XAP
Purge Volume: 1.0
Column Phase: AS14

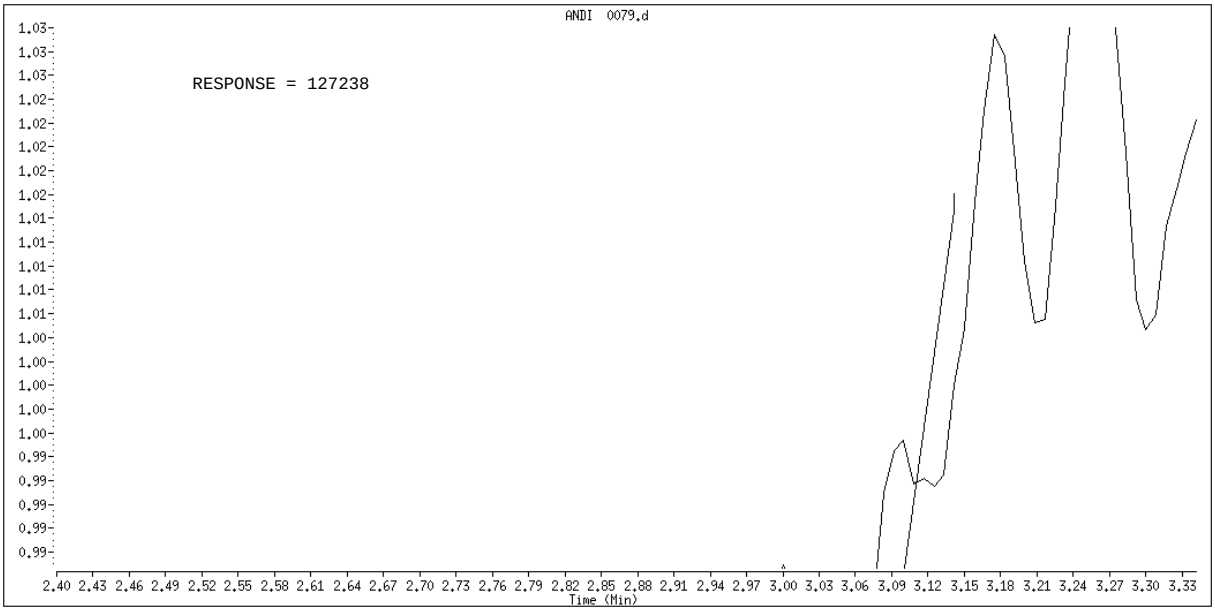
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0079.d
Inj. Date and Time: 03-JUN-2010 11:57
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0080.d
Report Date: 03-Jun-2010 15:11

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0080.d
Lab Smp Id: L1XAT
Inj Date : 03-JUN-2010 12:14
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAT
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

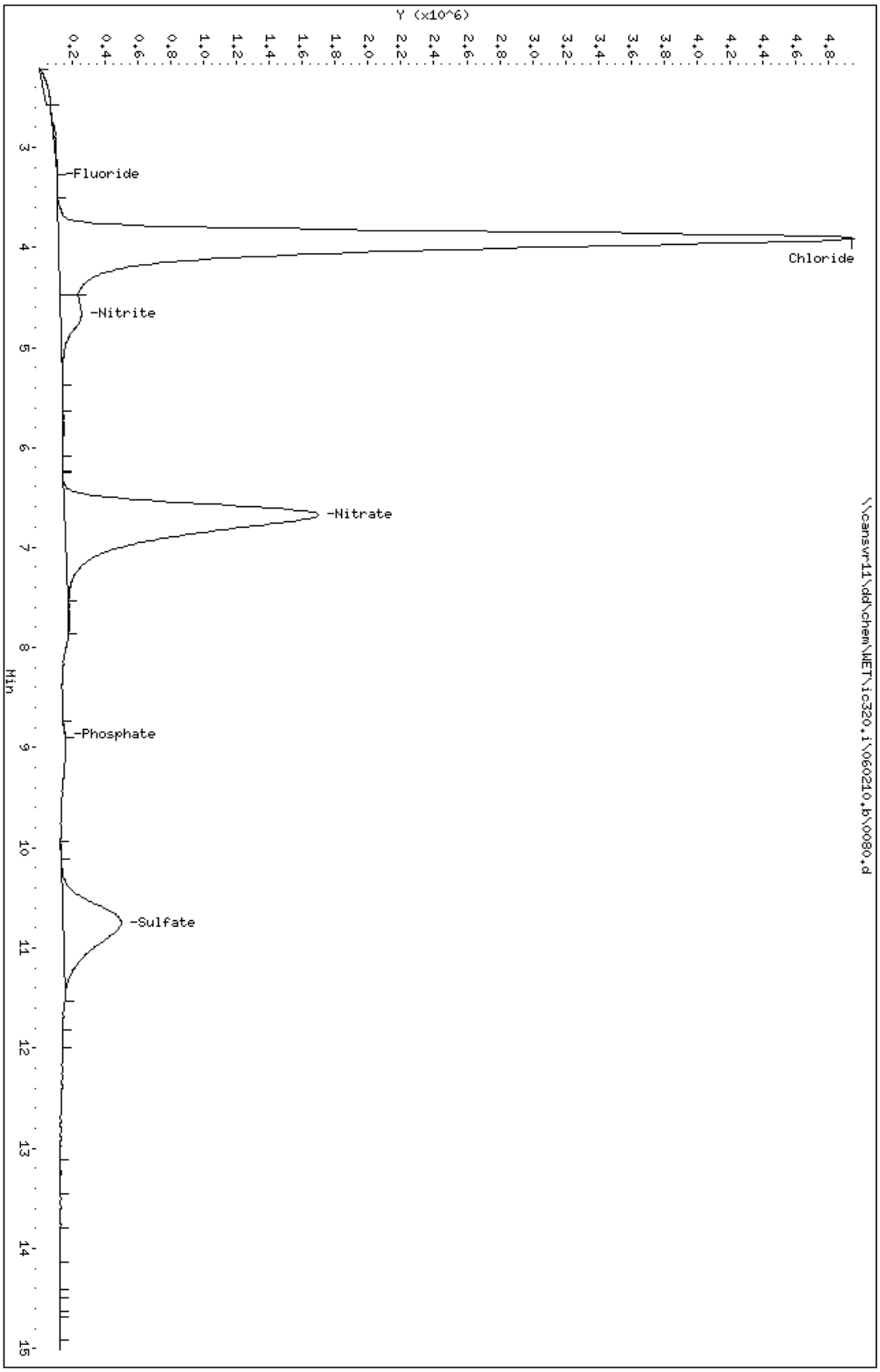
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	3.275	2.816	0.459	233087	0.02018	0.02018(aM)
2 Chloride	3.908	3.941	-0.033	63557940	6.58795	6.588
3 Nitrite	4.658	4.633	0.025	3055468	0.13425	0.1342
4 Bromide	Compound Not Detected.					
5 Nitrate	6.683	6.675	0.008	32387549	1.72673	1.727
6 Phosphate	8.875	8.800	0.075	5530	0.10211	0.1021
7 Sulfate	10.758	10.658	0.100	10867241	1.66852	1.668

QC Flag Legend

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

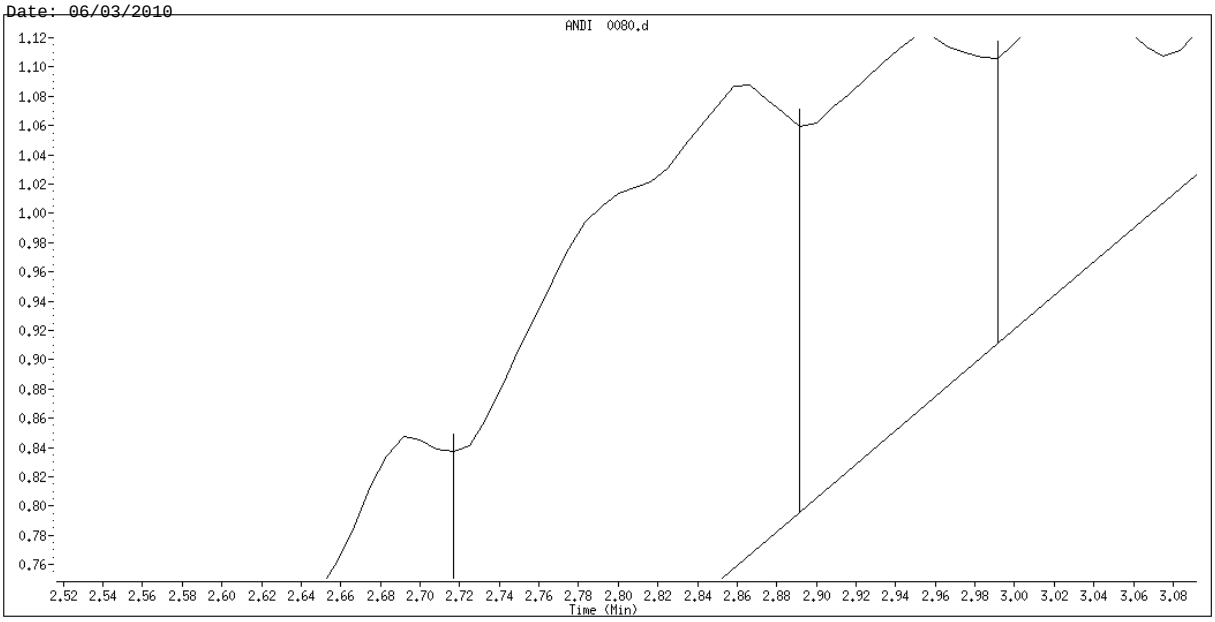
Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0080.d
Date : 03-JUN-2010 12:14
Client ID:
Sample Info: L1XAT
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00

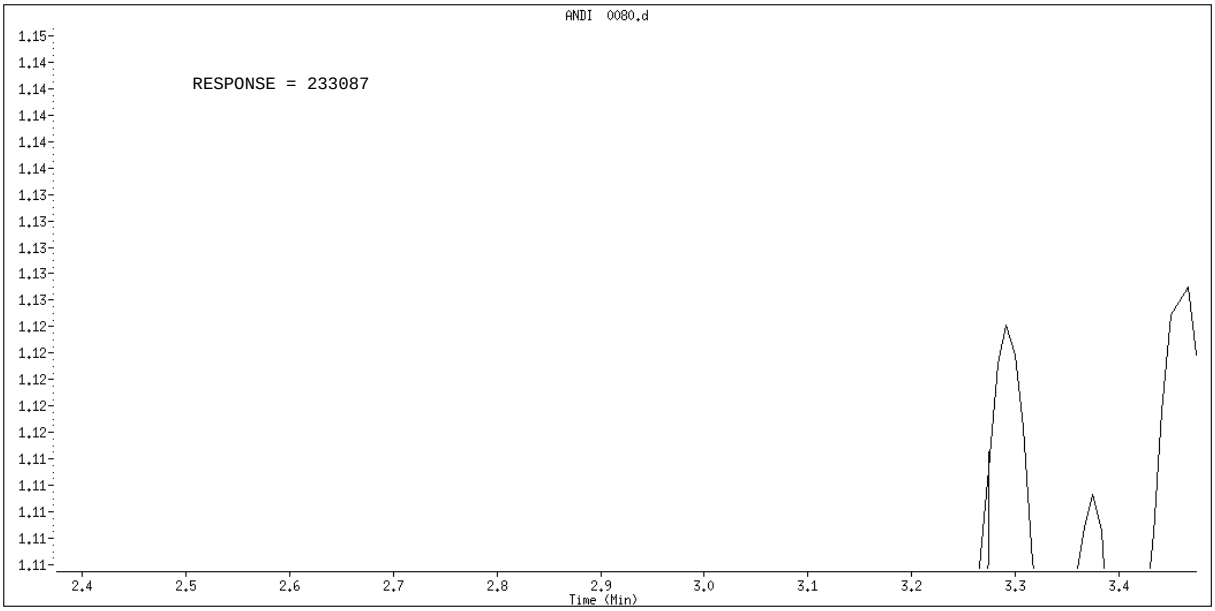


\\cansvr11\dd\chem\WET\ic320.i\060210.b\0080.d

Data File Name: 0080.d
Inj. Date and Time: 03-JUN-2010 12:14
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0081.d
Report Date: 03-Jun-2010 15:12

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0081.d
Lab Smp Id: L1XAW
Inj Date : 03-JUN-2010 12:32
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAW
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

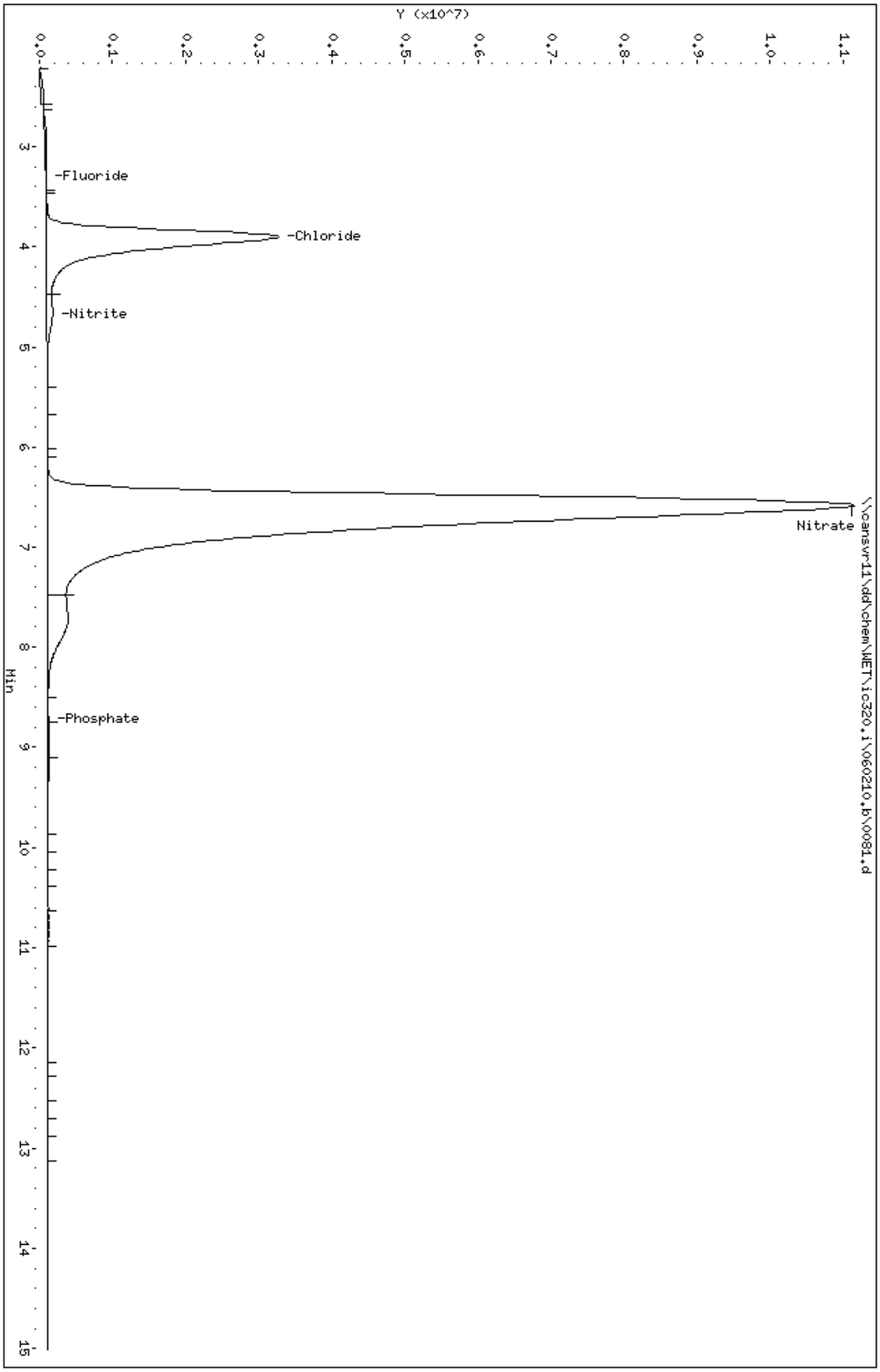
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

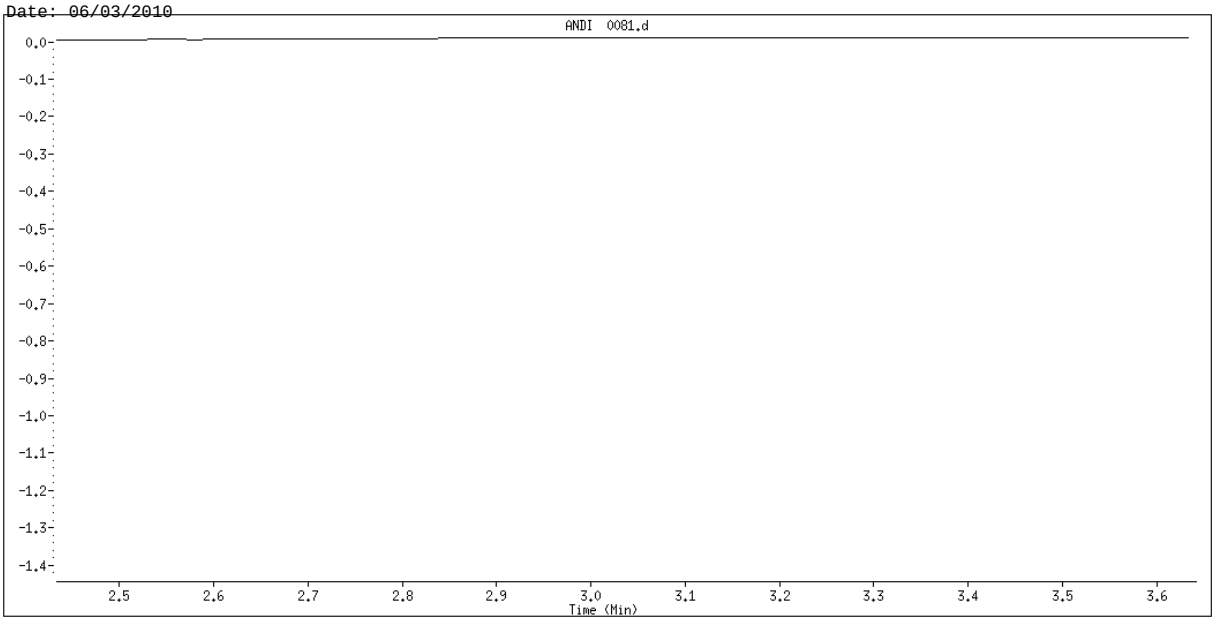
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	3.300	2.816	0.484	648208	0.05612	0.05612(M)
2 Chloride	3.900	3.941	-0.041	42271838	4.38159	4.382(M)
3 Nitrite	4.675	4.633	0.042	1792518	0.07876	0.07876(M)
4 Bromide	Compound Not Detected.					
5 Nitrate	6.591	6.675	-0.084	232661168	12.4042	12.40(A)
6 Phosphate	8.725	8.800	-0.075	15722	0.13758	0.1376
7 Sulfate	Compound Not Detected.					

QC Flag Legend

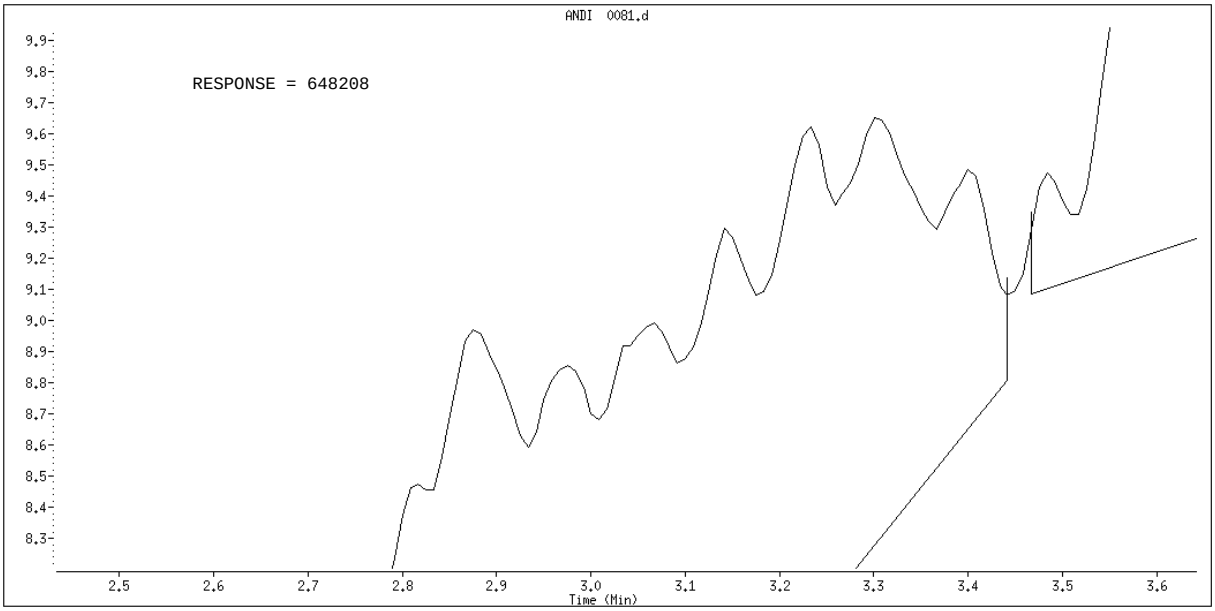
A - Target compound detected but, quantitated amount exceeded maximum amount.
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0081.d
Date : 03-JUN-2010 12:32
Client ID:
Sample Info: L1XAW
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0081.d
Y (x10^7)
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
Fluoride
Chloride
Nitrite
Nitrate
Phosphate
Min
3
4
5
6
7
8
9
10
11
12
13
14
15

Data File Name: 0081.d
Inj. Date and Time: 03-JUN-2010 12:32
Instrument ID: ic320.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/03/2010



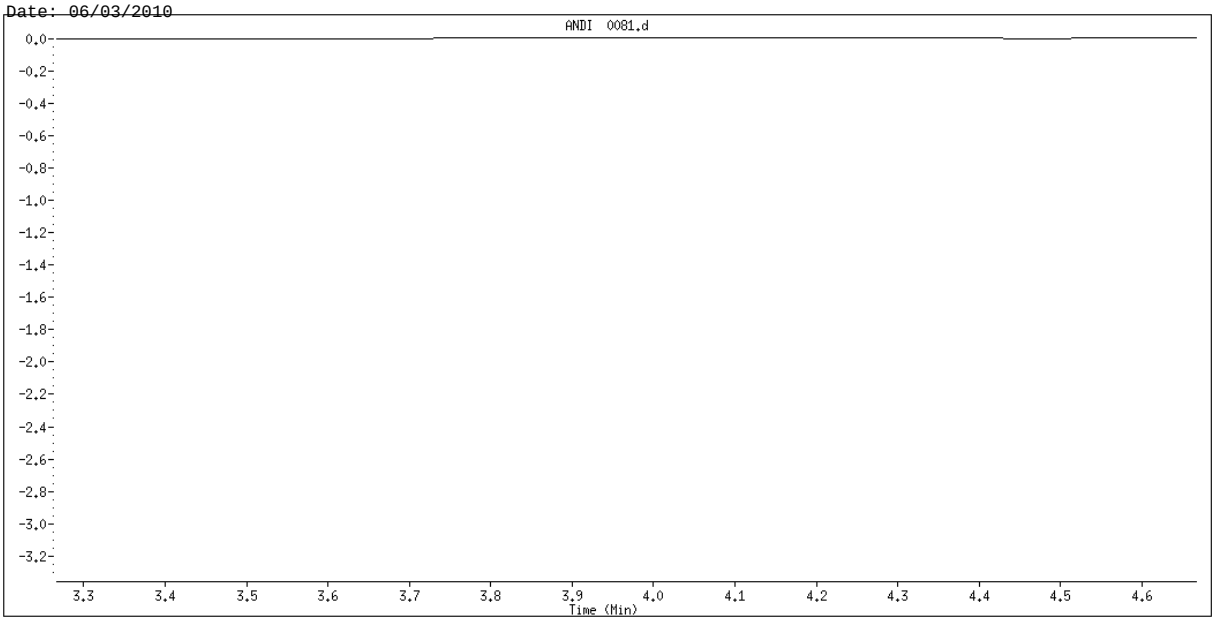
Original Integration



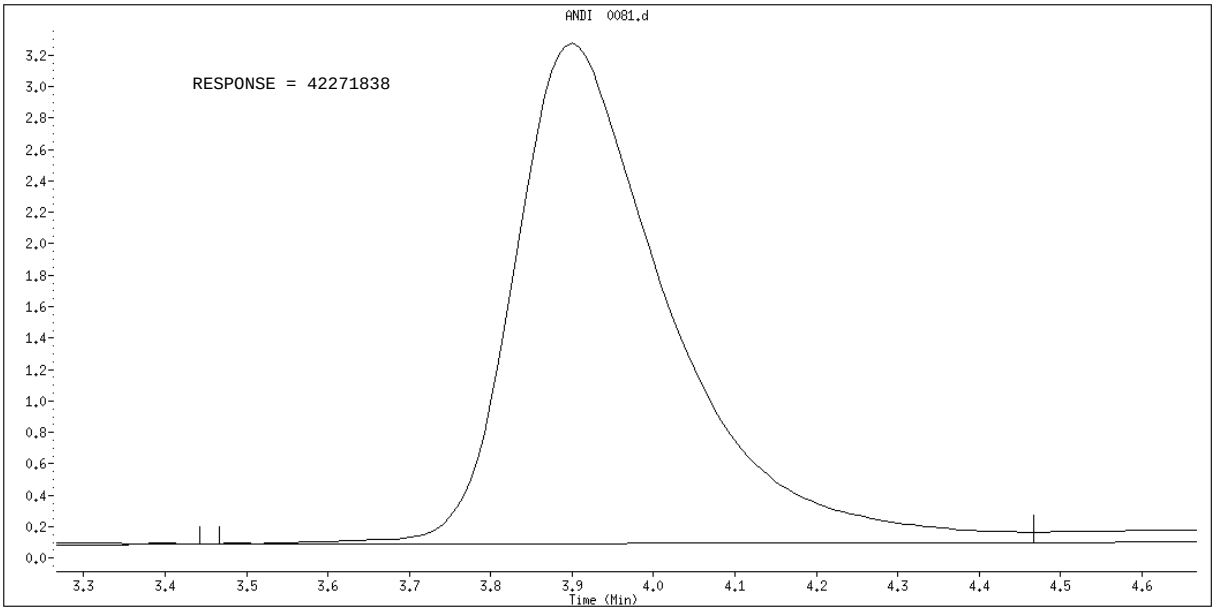
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0081.d
Inj. Date and Time: 03-JUN-2010 12:32
Instrument ID: ic320.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/03/2010



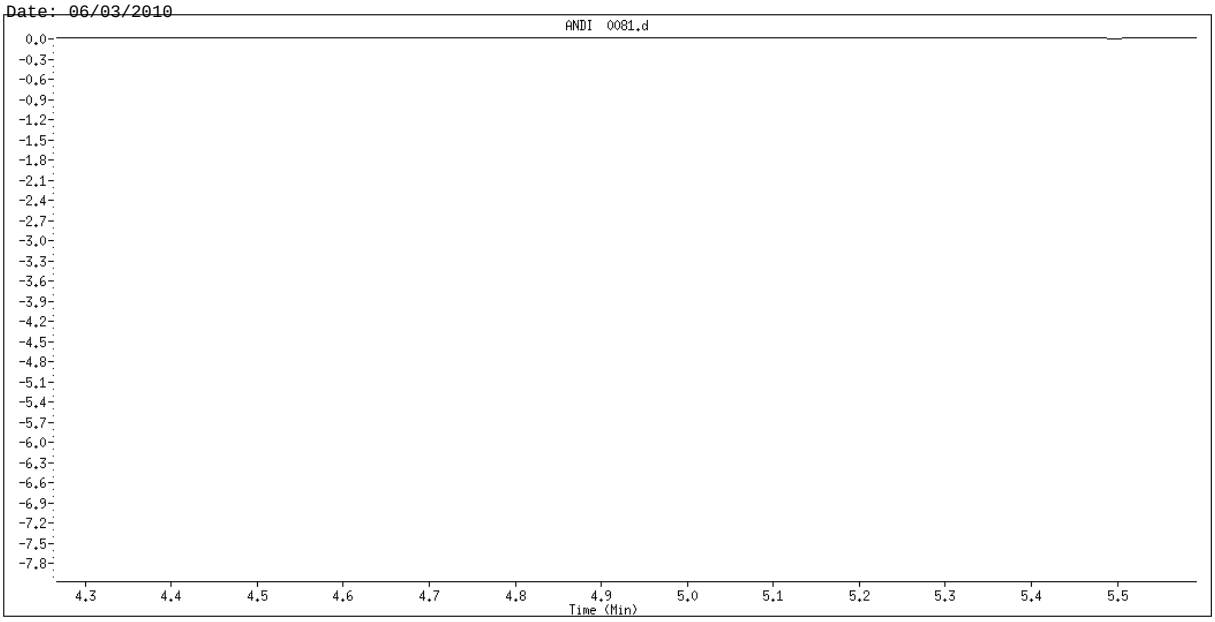
Original Integration



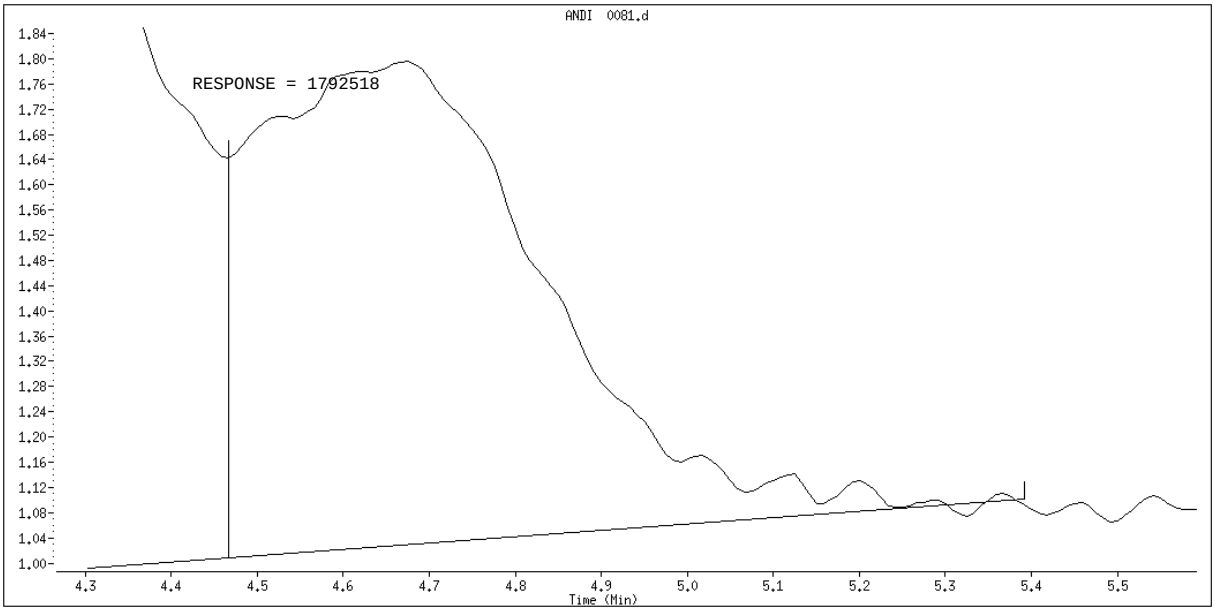
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0081.d
Inj. Date and Time: 03-JUN-2010 12:32
Instrument ID: ic320.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0082.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0082.d
Lab Smp Id: L1XAX ORG
Inj Date : 03-JUN-2010 12:49
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAX ORG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

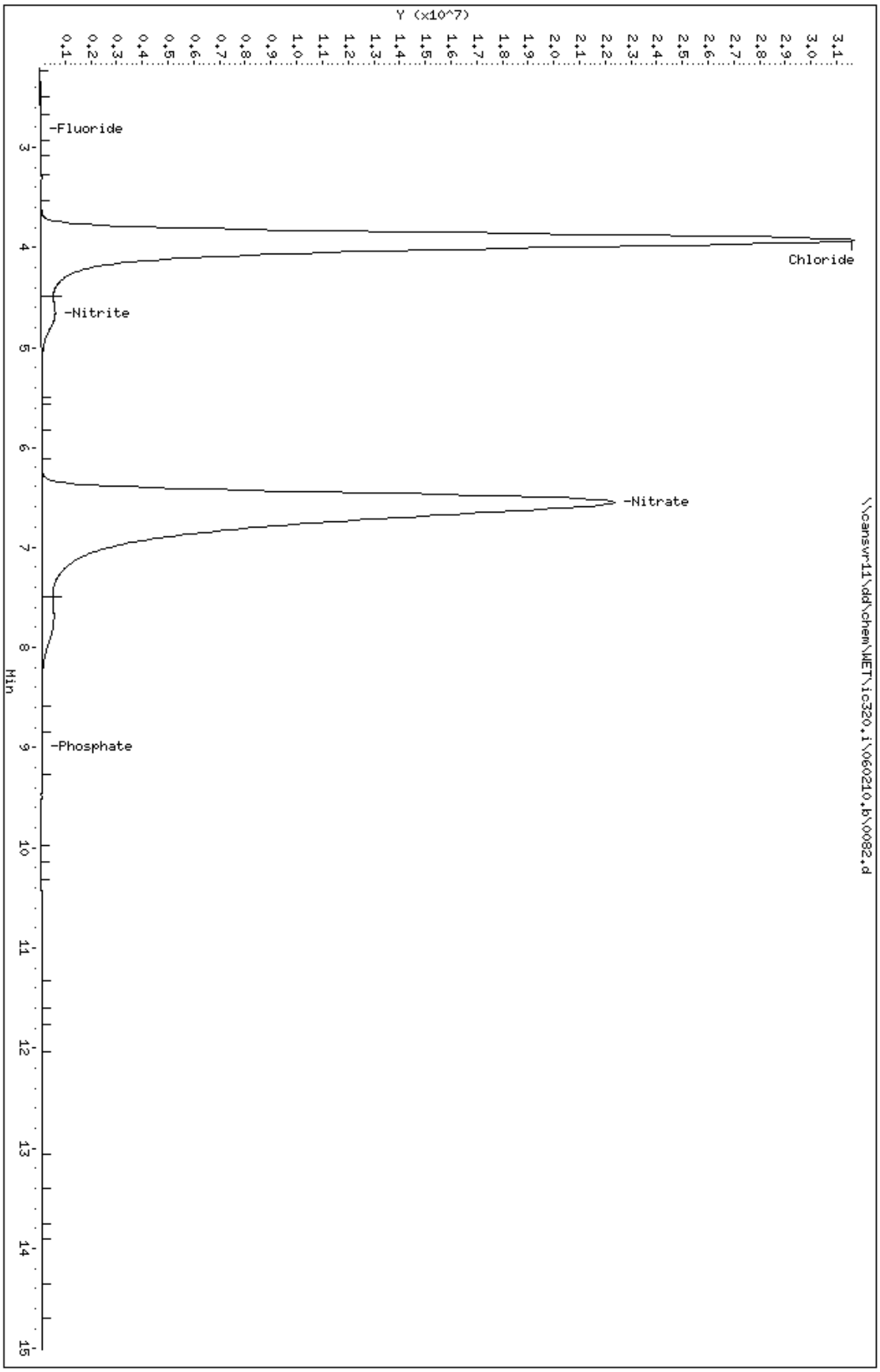
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.816	2.816	0.000	273285	0.02366	0.02366(a)
2 Chloride	3.925	3.916	0.009	381742498	39.5686	39.57
3 Nitrite	4.658	4.608	0.050	12072898	0.53047	0.5305
4 Bromide	Compound Not Detected.					
5 Nitrate	6.558	6.625	-0.067	466567909	24.8748	24.87(A)
6 Phosphate	8.991	8.808	0.183	8315	0.11180	0.1118
7 Sulfate	Compound Not Detected.					

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: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0082.d
Date : 03-JUN-2010 12:49
Client ID:
Sample Info: L1XRX ORG
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0083.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0083.d
Lab Smp Id: L1XAX MS
Inj Date : 03-JUN-2010 13:06
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAX MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

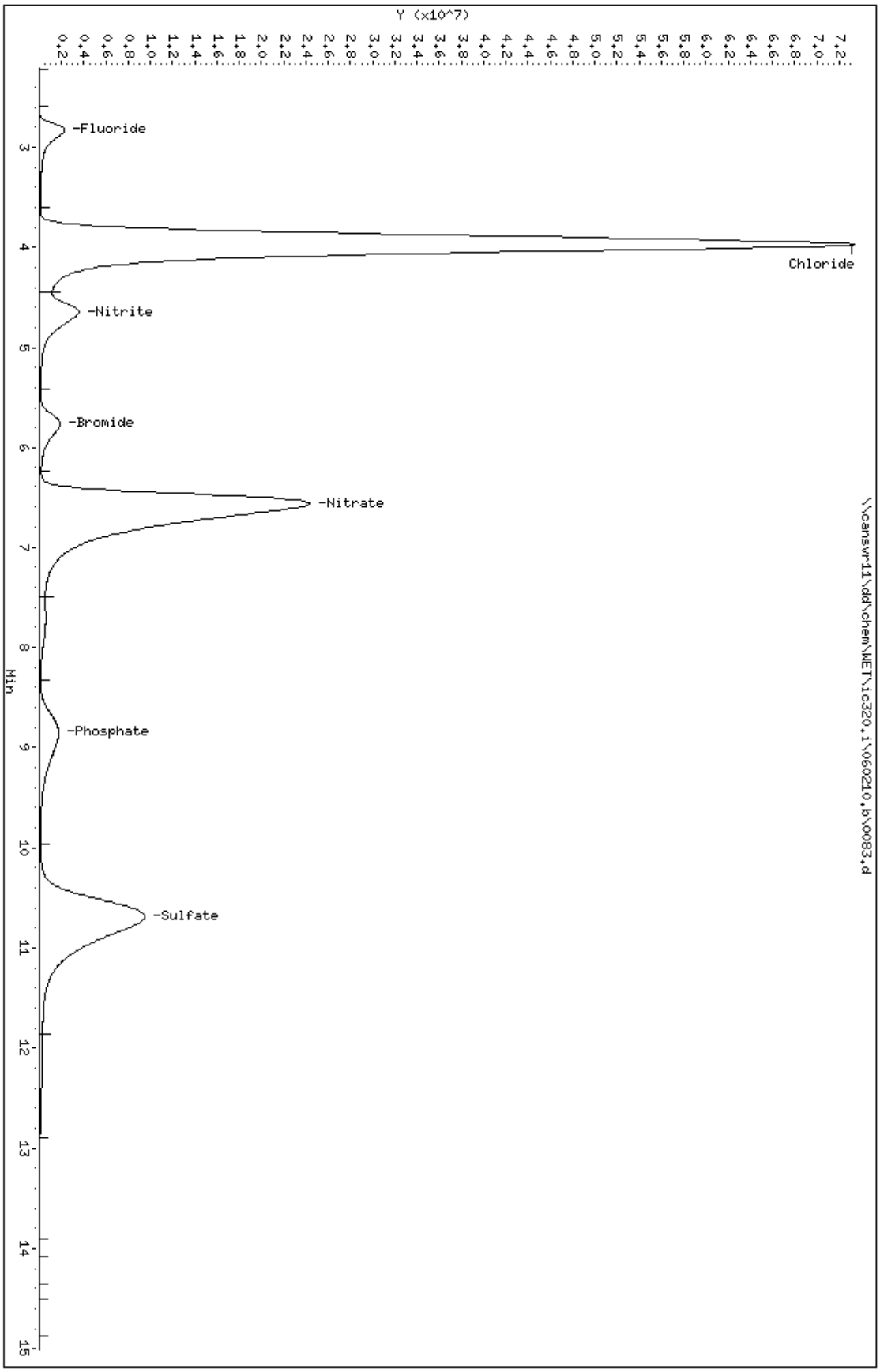
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.825	2.816	0.009	32434504	2.80786	2.808(R)
2 Chloride	3.966	3.916	0.050	909080309	94.2286	94.23(R)
3 Nitrite	4.641	4.608	0.033	67642641	2.97213	2.972(R)
4 Bromide	5.750	5.708	0.042	34410769	10.4481	10.45
5 Nitrate	6.566	6.625	-0.059	514342156	27.4219	27.42(AR)
6 Phosphate	8.850	8.808	0.042	1674656	5.91051	5.910(R)
7 Sulfate	10.691	10.625	0.066	295088741	45.3070	45.31

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0083.d
Date : 03-JUN-2010 13:06
Client ID:
Sample Info: L1XRX MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0084.d
Report Date: 03-Jun-2010 14:55

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ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0084.d
Lab Smp Id: L1XAX MSD
Inj Date : 03-JUN-2010 13:24
Operator : 001754 Inst ID: ic320.i
Smp Info : L1XAX MSD,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

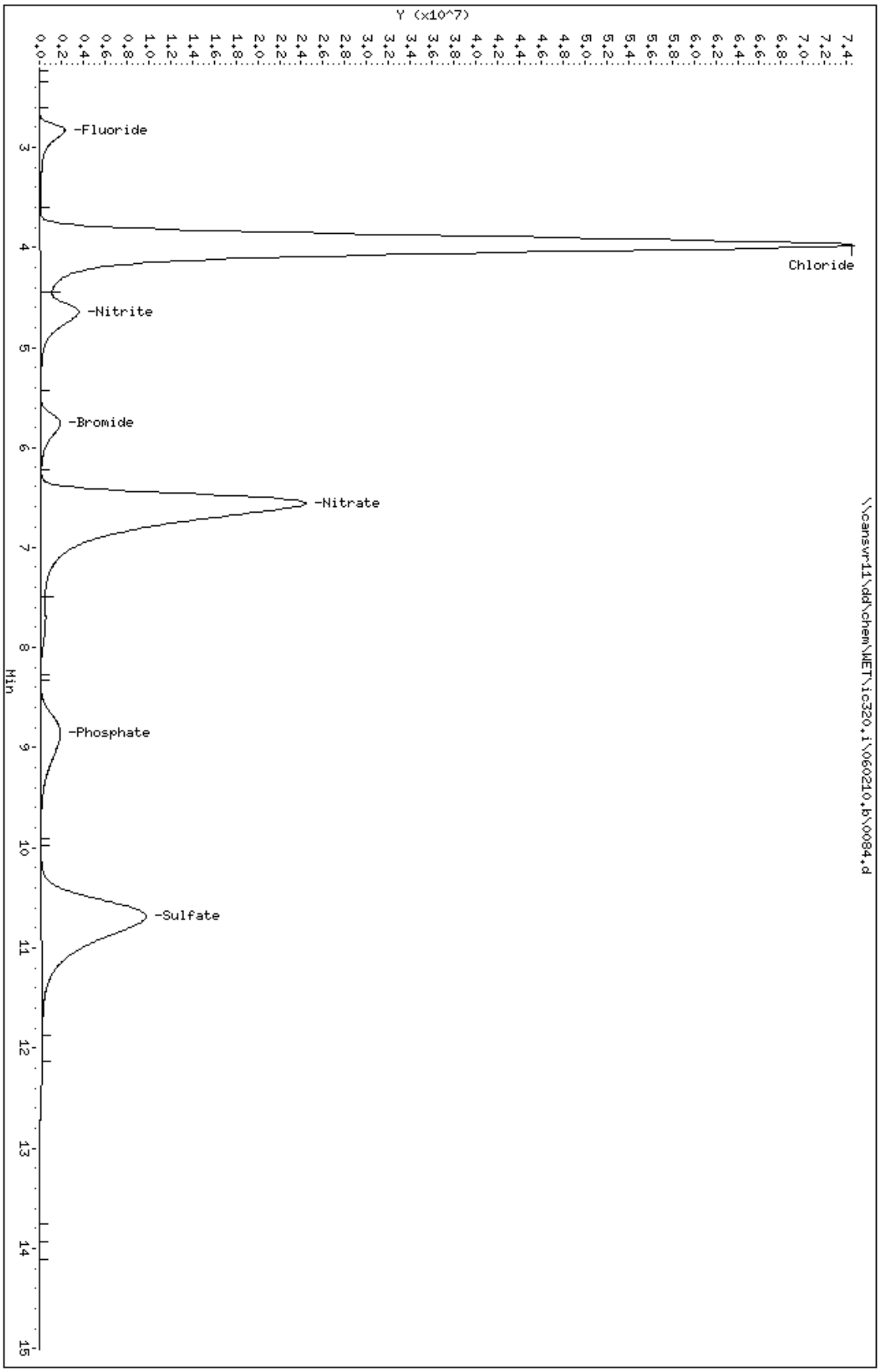
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.833	2.816	0.017	31492991	2.72635	2.726
2 Chloride	3.975	3.916	0.059	918968262	95.2535	95.25(R)
3 Nitrite	4.641	4.608	0.033	64860942	2.84990	2.850(R)
4 Bromide	5.750	5.708	0.042	30838825	9.36355	9.364
5 Nitrate	6.566	6.625	-0.059	506799008	27.0197	27.02(AR)
6 Phosphate	8.858	8.808	0.050	1802874	6.35670	6.357(R)
7 Sulfate	10.683	10.625	0.058	284558114	43.6901	43.69(R)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0084.d
Date : 03-JUN-2010 13:24
Client ID:
Sample Info: L1XRX MSD,.3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0085.d
Report Date: 03-Jun-2010 15:21

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic320.i Injection Date: 03-JUN-2010 13:41
Lab File ID: 0085.d Init. Cal. Date(s): 02-JUN-2010 02-JUN-2010
Analysis Type: WATER Init. Cal. Times: 13:37 15:56
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	11551330	11471391	11471391	0.010	0.69204	10.00000	Averaged
2 Chloride	9647610	9867423	9867423	0.010	-2.27842	10.00000	Averaged
3 Nitrite	22758984	21715952	21715952	0.010	4.58295	10.00000	Averaged
4 Bromide	3293497	3261479	3261479	0.010	0.97215	10.00000	Averaged
5 Nitrate	18756625	18238687	18238687	0.010	2.76136	10.00000	Averaged
6 Phosphate	2.50000	2.78553	310660	0.010	-11.42129	10.00000	Linear <-
7 Sulfate	6513100	5924746	5924746	0.010	9.03339	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0085.d
Report Date: 03-Jun-2010 15:21

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0085.d
Lab Smp Id: CCV
Inj Date : 03-JUN-2010 13:41
Operator : 001754 Inst ID: ic320.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

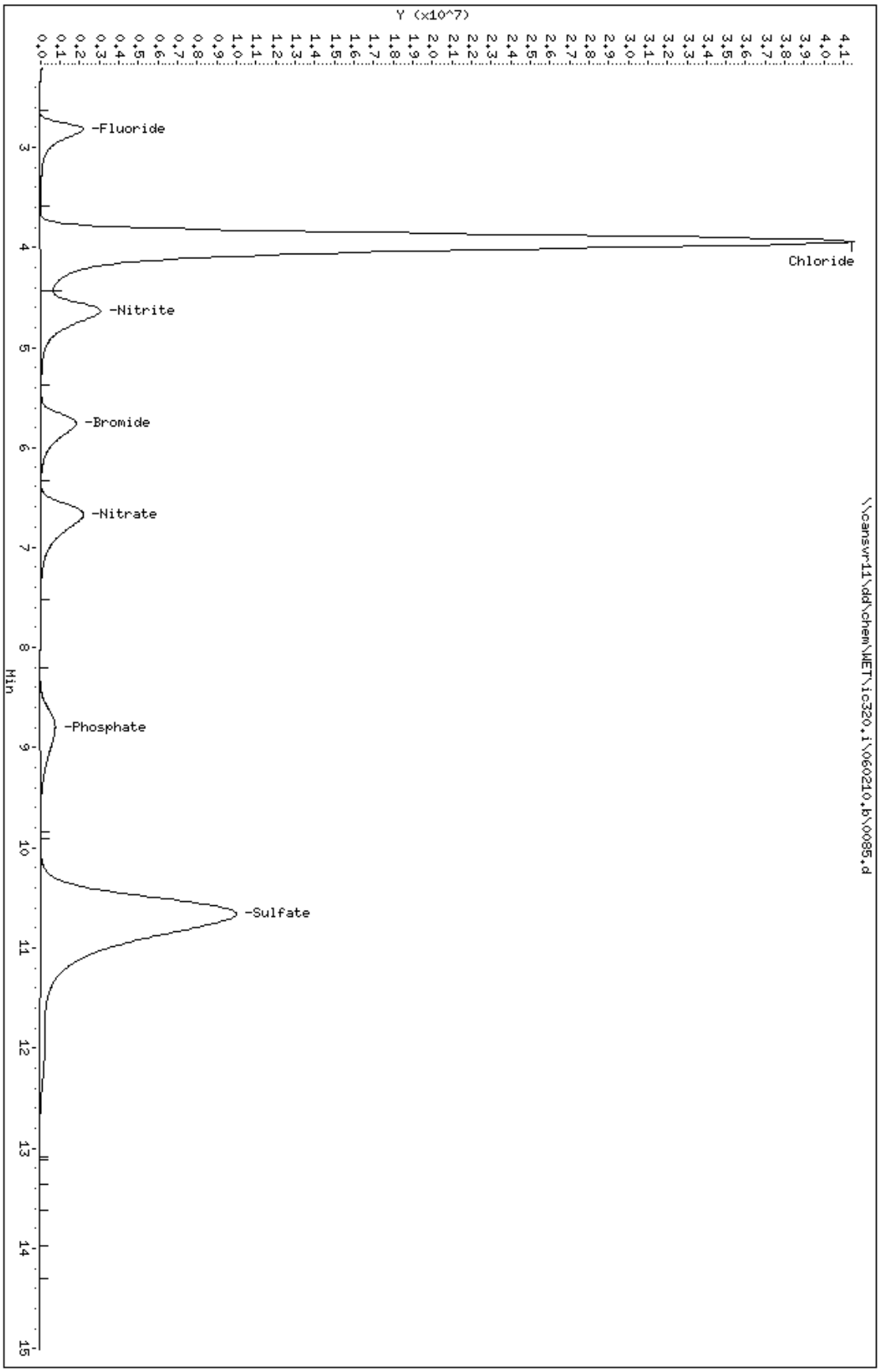
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.816	2.816	0.000	28678477	2.50000	2.483
2 Chloride	3.941	3.916	0.025	493371145	50.0000	51.14
3 Nitrite	4.633	4.608	0.025	54289881	2.50000	2.385
4 Bromide	5.750	5.708	0.042	32614792	10.0000	9.903
5 Nitrate	6.675	6.625	0.050	45596718	2.50000	2.431
6 Phosphate	8.800	8.808	-0.008	776649	2.50000	2.786
7 Sulfate	10.658	10.625	0.033	315350866	50.0000	48.42(M)

QC Flag Legend

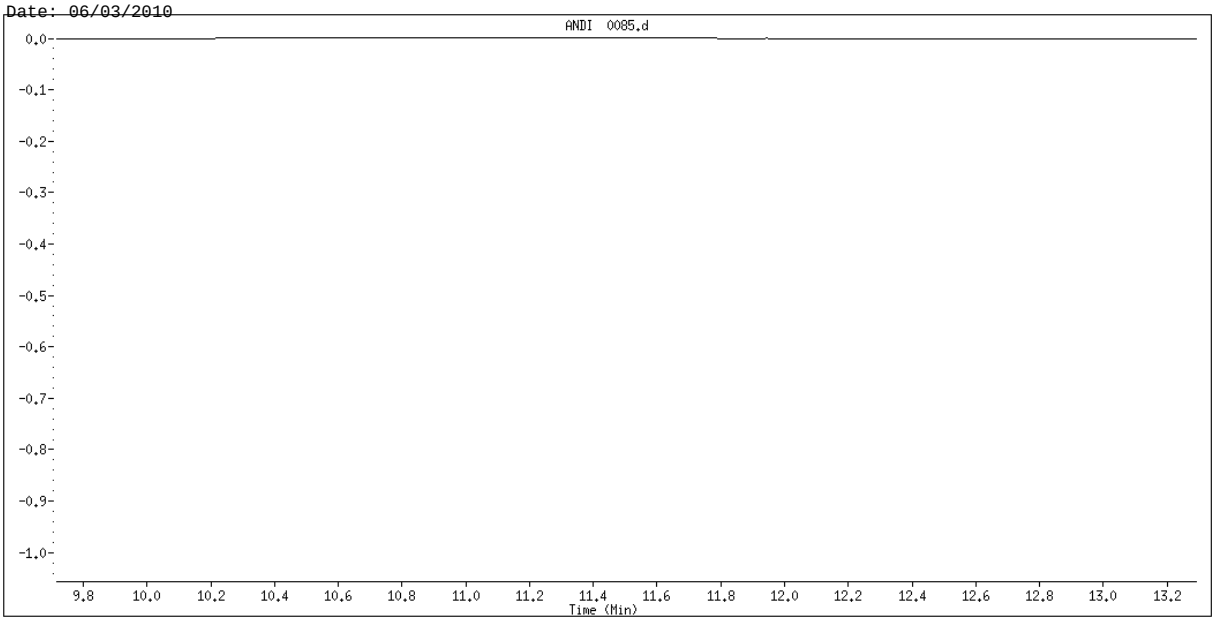
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0085.d
Date : 03-JUN-2010 13:41
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

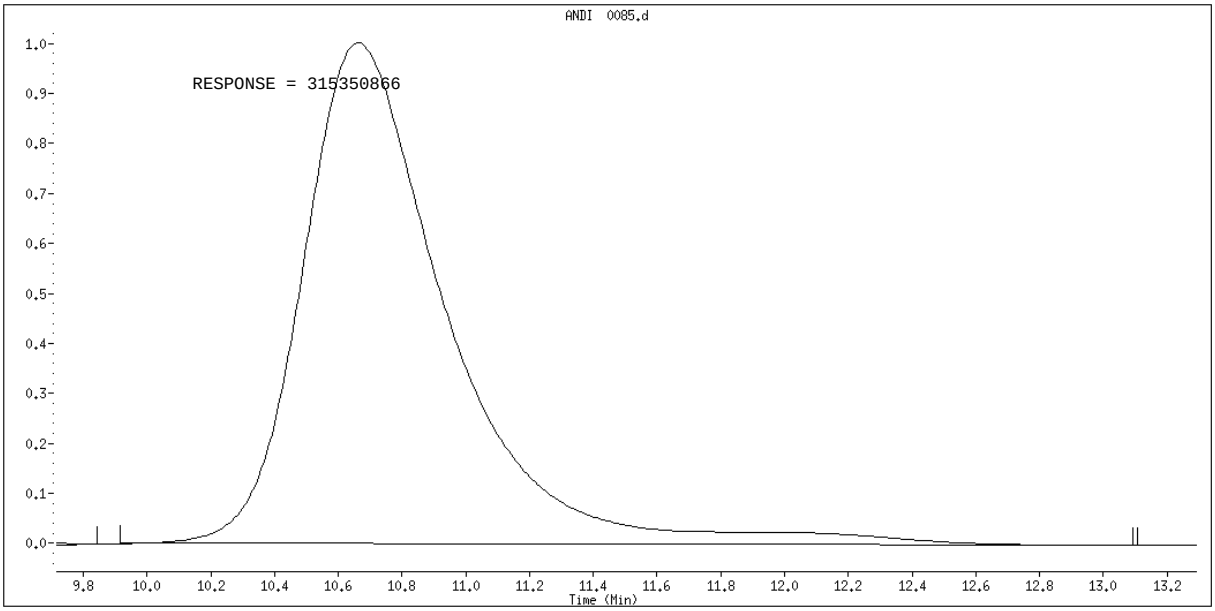
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0085.d
Inj. Date and Time: 03-JUN-2010 13:41
Instrument ID: ic320.i
Client ID:
Compound Name: Sulfate
CAS #: Q605
Report Date: 06/03/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0086.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

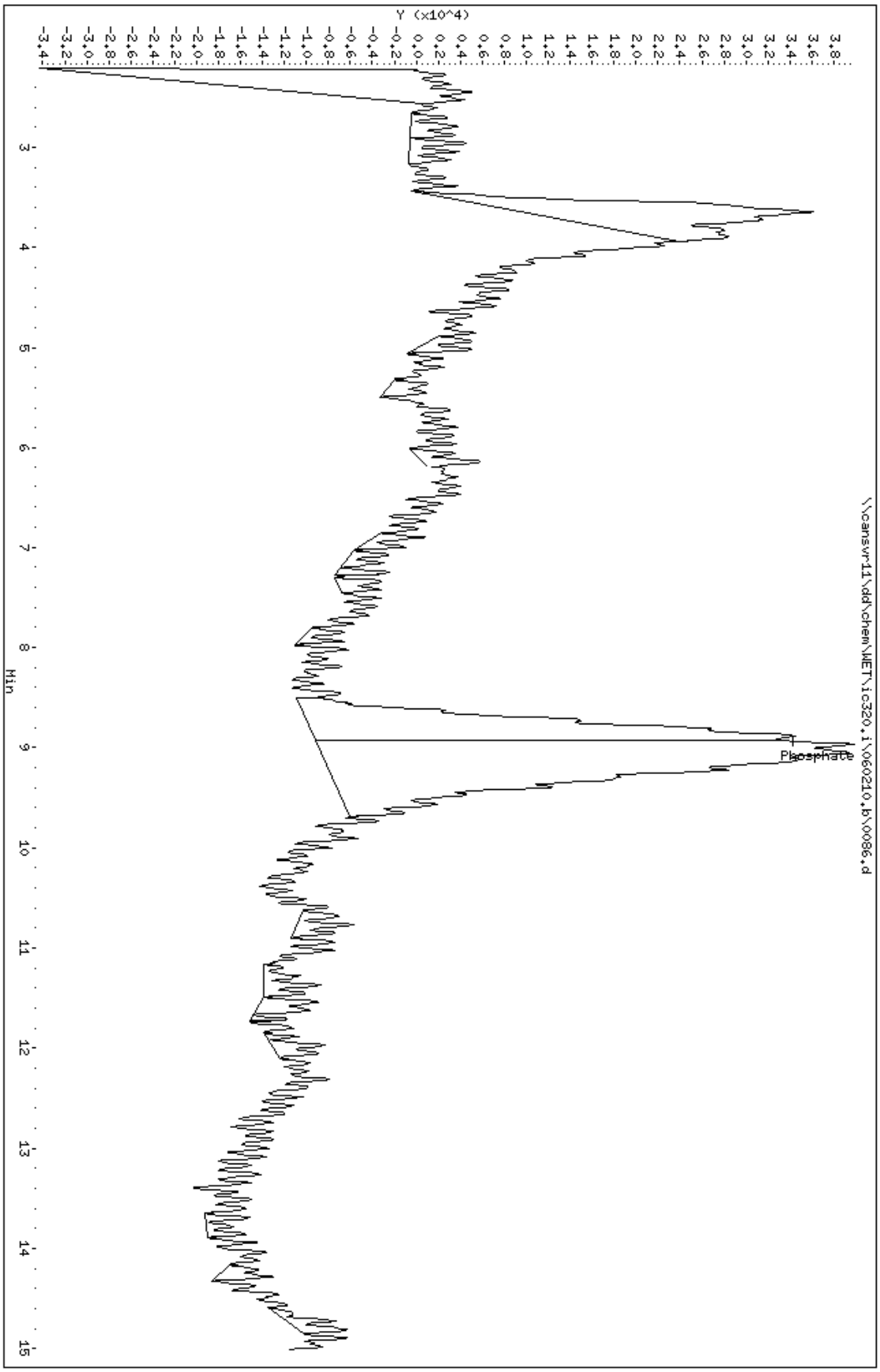
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0086.d
Lab Smp Id: CCB
Inj Date : 03-JUN-2010 13:59
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.883	8.800	0.083	43900	0.23563	0.2356
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0086.d
Date : 03-JUN-2010 13:59
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0086.d
Phosphate
Y (x10^4)
Min

Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0087.d
Report Date: 03-Jun-2010 14:55

TestAmerica North Canton

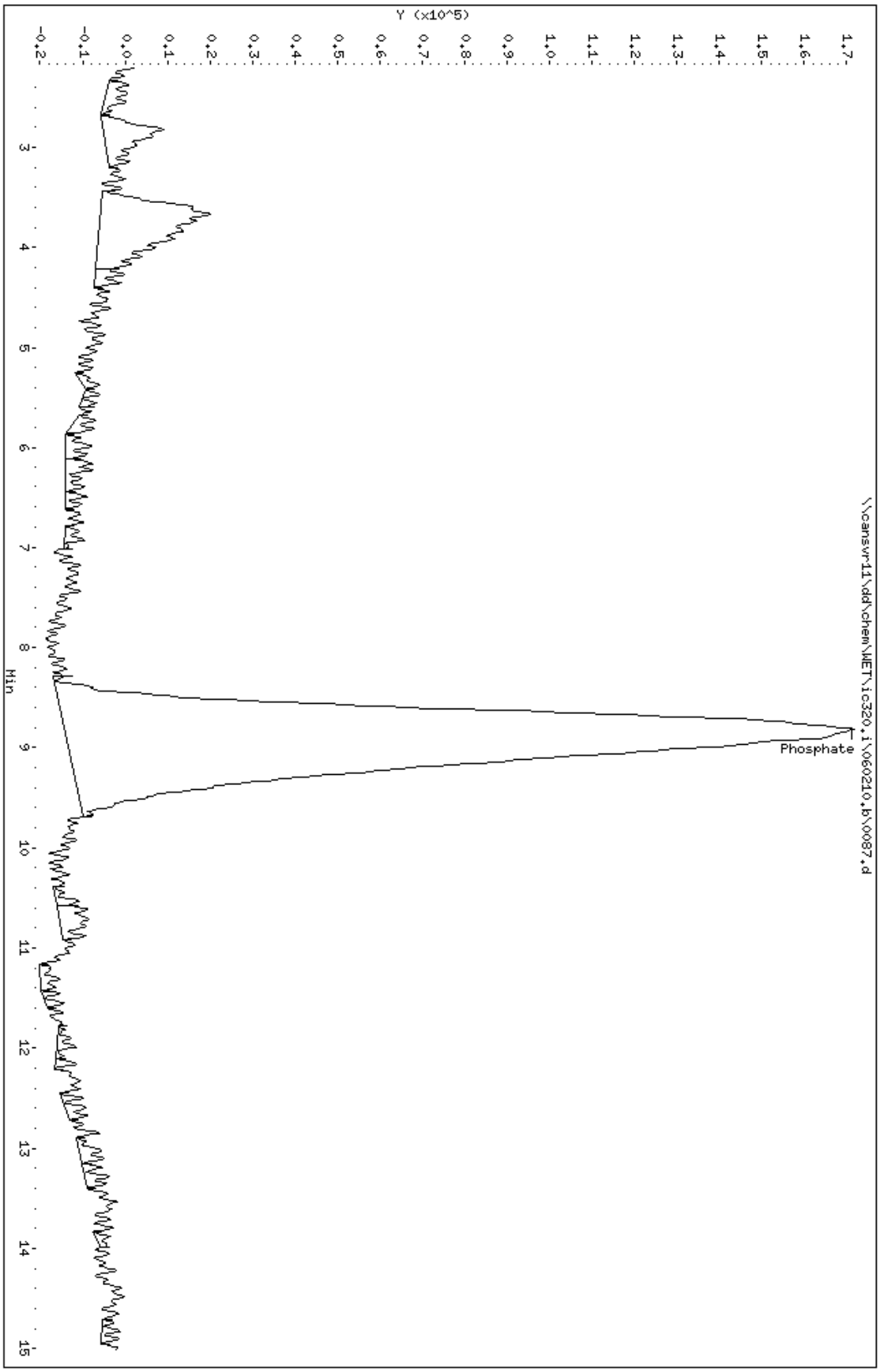
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic320.i\060210.b\0087.d
Lab Smp Id: CCB
Inj Date : 03-JUN-2010 14:16
Operator : 001754 Inst ID: ic320.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic320.i\060210.b\DX320.m
Meth Date : 03-Jun-2010 14:55 burnsj Quant Type: ESTD
Cal Date : 02-JUN-2010 13:55 Cal File: 0003.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.816	8.800	0.016	186060	0.73034	0.7303
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic320.i\060210.b\0087.d
Date : 03-JUN-2010 14:16
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic320.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic320.i\060210.b\0087.d
Phosphate
Y (x10^5)
Min

TestAmerica, North Canton

General Chemistry Data Review Checklist

Parameter(s): Total Phos

Batch(es): 0154344, 5, 84

Method #/SOP#: 4500 PE

Review Items	Level I Review			Level II Review		
A. Initial Calibration	YES	NO	N/A	YES	NO	N/A
1. Initial calibration correlation coefficient ≥ 0.995?	✓			✓		
2. Calibration curve consist of the minimum number of calibration standards?	✓			✓		
3. ICV analyzed at immediately after calibration and within control limits ? (90-110%)	✓			✓		
4. ICB analyzed immediately after ICV and within criteria (± RL)?	✓			✓		
B. Continuing Calibration						
1. CCV analyzed every 10 samples, at end of sequence and within criteria?	✓			✓		
2. CCB analyzed every 10 samples, at end of sequence & within criteria (±RL)?	✓			✓		
C. Sample Results						
1. Were samples with concentrations > the linear range diluted and reanalyzed ?	✓			✓		
2. All reported results bracketed by in control QC ?	✓			✓		
3. Sample analyses done within holding time ?	✓			✓		
D. Quality Control						
1. LCS per prep batch and within QC limits ? *(LCSD, where applicable)*	✓			✓		
2. Method blank done per prep batch and < RL. Method blank RL supports the lowest RL reported for the batch?	✓			✓		
3. MS/MSD run at required frequency and evaluated? MS/MSD reported properly and calculated correctly?	✓			✓		
4. Duplicate samples run at required frequency (duplicate sample performed per matrix encountered)?			✓			✓
E. Titrant						
1. Titrant standardized?			✓			✓
2. If no, standardization expires			✓			
F. Other						
1. Are all nonconformances documented appropriately (NCM or narrative)?			✓			✓
2. Calculations checked for error ?			✓	✓		
3. Transcriptions checked for error ?	✓			✓		
4. All client/project specific requirements met ?	✓			✓		
5. Date/time of preparation and analysis verified as correct ?	✓			✓		
6. Units verified as correct?	✓			✓		
7. Dilutions have been properly applied and RL's adjusted appropriately?	✓			✓		
8. SOP followed?	✓			✓		
9. Calculations checked at minimum frequency (at least 20%, 100% for QC)?	✓			✓		
10. All reagent and standard numbers recorded in logbook?	✓			✓		
11. Edits dated and initialed	✓			✓		

Comment on any "NO" response(s):

Level I reviewer: Bruce Woodward Date: 6/3/10

Level II Reviewer: OC Date: 6/4/10

N:\Inorganics\spreadsheets2\Use This Wet Chem_Level I.doc
Corporate Policy, QA-012
Revision date: 08/25/00

Result Report Aquakem 7.1AQ2 Page: 1

TestAmerica Laboratory
KoneLab 200

Method 4500 PE

Date : 6/3/2010
Time : 15:45

Test TOTAL P04
Unit mg/l

Sample ID:	Result	Dilut	Man.dilut	Resp.	Date and Time
CCV - TP	0.487			0.310	6/3/2010 14:41
CCB - TP	0.000			0.008	6/3/2010 14:41
CCV - TP	0.488			0.311	6/3/2010 15:07
CCB - TP	-0.001			0.007	6/3/2010 15:07
BLK TP	-0.010			0.001	6/3/2010 15:07
BLK 2	-0.011			0.001	6/3/2010 15:07
L1839	0.245			0.160	6/3/2010 15:07
L184N	0.045			0.036	6/3/2010 15:07
L184P	0.052			0.040	6/3/2010 15:07
L184Q	0.055			0.042	6/3/2010 15:07
L184T	0.052			0.040	6/3/2010 15:07
L179V	0.039			0.032	6/3/2010 15:07
CCV - TP	0.485			0.309	6/3/2010 15:10
CCB - TP	-0.000			0.007	6/3/2010 15:10
L179V MS	0.542			0.344	6/3/2010 15:10
L179V MSD	0.540			0.343	6/3/2010 15:10
L1796	0.006			0.011	6/3/2010 15:10
L1798	0.040			0.033	6/3/2010 15:10
L18AA	-0.008			0.002	6/3/2010 15:10
L18C5	0.024			0.023	6/3/2010 15:10
L17HC	0.060			0.045	6/3/2010 15:10
CCV - TP	0.490			0.312	6/3/2010 15:14
CCB - TP	-0.001			0.007	6/3/2010 15:14
L17HC MS	0.507			0.322	6/3/2010 15:14
L17HC MSD	0.507			0.323	6/3/2010 15:14
L17HE	0.040			0.032	6/3/2010 15:14
L17HG	0.038			0.032	6/3/2010 15:14
L17HH	0.038			0.031	6/3/2010 15:14
L17HJ	0.052			0.040	6/3/2010 15:14
L17HQ	0.042			0.034	6/3/2010 15:14
L17HR	0.040			0.033	6/3/2010 15:14
L17HT	0.047			0.037	6/3/2010 15:14
L17HV	0.026			0.024	6/3/2010 15:14
CCV - TP	0.484			0.309	6/3/2010 15:17
CCB - TP	-0.002			0.006	6/3/2010 15:17
L17HX	0.035			0.030	6/3/2010 15:17
L17H1	0.034			0.029	6/3/2010 15:17
L17H2	0.032			0.028	6/3/2010 15:17
L17H3	0.034			0.028	6/3/2010 15:17
L17H5	0.036			0.030	6/3/2010 15:17
L17H6	0.052			0.040	6/3/2010 15:17
L17H8	-0.009			0.002	6/3/2010 15:17
CCV - TP	0.484			0.308	6/3/2010 15:18
CCB - TP	-0.002			0.007	6/3/2010 15:19
LCS	2.296	1+4.0		0.293	6/3/2010 15:20
LCS 2	2.312	1+4.0		0.295	6/3/2010 15:20
CCV - TP	0.490			0.312	6/3/2010 15:22
CCB - TP	-0.001			0.007	6/3/2010 15:22
L2DJ5	1.477	1+4.0		0.191	6/3/2010 15:25
L17VE	2.294	1+4.0		0.293	6/3/2010 15:26
CCB - TP	0.002			0.009	6/3/2010 15:27
CCV - TP	0.490			0.312	6/3/2010 15:29
CCV - TP	0.490			0.312	6/3/2010 15:43

TestAmerica Laboratory
KoneLab 200

Date : 6/3/2010
Time : 15:45

Test TOTAL P04
Unit mg/l

Sample ID:	Result	Dilut	Man.dilut	Resp.	Date and Time
CCB - TP	0.001			0.008	6/3/2010 15:43
L17VL	7.578	1+9.0		0.478	6/3/2010 15:43
CCV - TP	0.488			0.311	6/3/2010 15:44
CCB - TP	-0.001			0.007	6/3/2010 15:44

TestAmerica Laboratory
KoneLab 200

6/3/2010 15:45

Test: TOTAL P04

Sample Id	Result	Dil. 1 +	Response	Errors
CCV - TP	0.487	0.0	0.310	
CCB - TP	0.000	0.0	0.008	
CCV - TP	0.488	0.0	0.311	
CCB - TP	-0.001	0.0	0.007	
BLK TP	-0.010	0.0	0.001	
BLK 2	-0.011	0.0	0.001	
LCS	1.540	0.0	0.964	R Dil. limit high
LCS 2	1.602	0.0	1.003	R Dil. limit high
L1839	0.245	0.0	0.160	
L184N	0.045	0.0	0.036	
L184P	0.052	0.0	0.040	
L184Q	0.055	0.0	0.042	
L184T	0.052	0.0	0.040	
L179V	0.039	0.0	0.032	
CCV - TP	0.485	0.0	0.309	
CCB - TP	-0.000	0.0	0.007	
L179V MS	0.542	0.0	0.344	
L179V MSD	0.540	0.0	0.343	
L1796	0.006	0.0	0.011	
L1798	0.040	0.0	0.033	
L18AA	-0.008	0.0	0.002	
L18C5	0.024	0.0	0.023	
L2DJ5	1.251	0.0	0.785	R Dil. limit high
L17VE	1.595	0.0	0.998	R Dil. limit high
L17VL	2.611	0.0	1.629	R Dil. limit high
L17HC	0.060	0.0	0.045	
CCV - TP	0.490	0.0	0.312	
CCB - TP	-0.001	0.0	0.007	
L17HC MS	0.507	0.0	0.322	
L17HC MSD	0.507	0.0	0.323	
L17HE	0.040	0.0	0.032	
L17HG	0.038	0.0	0.032	
L17HH	0.038	0.0	0.031	
L17HJ	0.052	0.0	0.040	
L17HQ	0.042	0.0	0.034	
L17HR	0.040	0.0	0.033	
L17HT	0.047	0.0	0.037	
L17HV	0.026	0.0	0.024	
CCV - TP	0.484	0.0	0.309	
CCB - TP	-0.002	0.0	0.006	
L17HX	0.035	0.0	0.030	
L17H1	0.034	0.0	0.029	
L17H2	0.032	0.0	0.028	
L17H3	0.034	0.0	0.028	
L17H5	0.036	0.0	0.030	
L17H6	0.052	0.0	0.040	
L17H8	-0.009	0.0	0.002	
CCV - TP	0.484	0.0	0.308	
CCB - TP	-0.002	0.0	0.007	
LCS	2.296	4.0	0.293	R
LCS 2	2.312	4.0	0.295	R
CCV - TP	0.490	0.0	0.312	
CCB - TP	-0.001	0.0	0.007	
L2DJ5	1.477	4.0	0.191	R
L17VE	2.294	4.0	0.293	R

TestAmerica Laboratory
KoneLab 200

6/3/2010 15:45

Test: TOTAL PO4

Sample Id	Result	Dil. 1 +	Response	Errors
L17VL	5.929	4.0	0.744	R Test limit high
CCB - TP	0.002	0.0	0.009	
CCV - TP	0.490	0.0	0.312	
CCV - TP	0.490	0.0	0.312	
CCB - TP	0.001	0.0	0.008	
L17VL	7.578	9.0	0.478	R
CCV - TP	0.488	0.0	0.311	
CCB - TP	-0.001	0.0	0.007	

N	43
Mean	0.784
SD	1.5529
CV%	198.10

TestAmerica Laboratory
KoneLab 200

6/3/2010 14:42

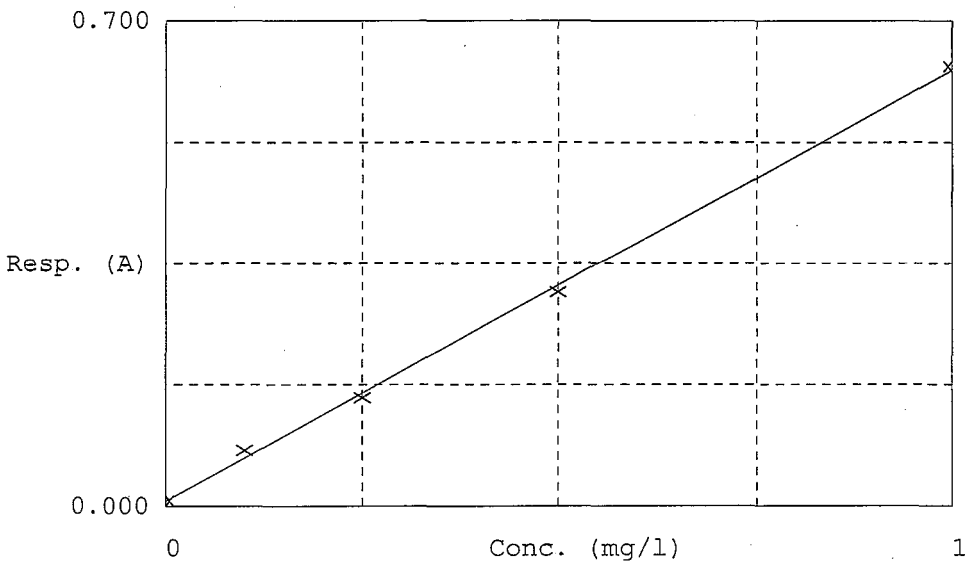
Test TOTAL P04

Accepted 6/3/2010 14:42

Factor 1.61
Bias 0.008

Coeff. of det. 0.998834

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TP-0	0.008	0.0003	0.0000	
2	TP-1	0.081	0.1174	0.1000	
3	TP-2	0.156	0.2391	0.2500	
4	TP-3	0.308	0.4843	0.5000	
5	TP-4	0.634	1.0088	1.0000	
6	CCB - TP(contro	0.008	0.0002	0.0000	
7	CCV - TP(contro	0.310	0.4873	0.5000	

TestAmerica, North Canton
PO4/OPO4 Reagents/Standards

Date: 6/3/2010

Analyst: BW

Reagent Name	Reagent Number	
6 N NaOH	WR00117	WR00511
11 N H2SO4	WR00334	
5 N H2SO4	WR00486	
Antimony Potassium Tartrate	WR00510	
Ammonium Molybdate	WR00390	
Phenolphthalein	WR00487	
Ascorbic Acid	**WR00513**	
Combined Reagent.	**WR00514**	
Persulfate	WR91165	

Standard	Standard Number	Prep	Exp
Total Phos			
Cal I	**PO0318**	**6/3/10**	**6/3/10**
Cal II	**PO0319**	**6/3/10**	**6/3/10**
Cal III	**PO0320**	**6/3/10**	**6/3/10**
Cal IV	**PO0321**	**6/3/10**	**6/3/10**
CCV	**PO0322**	**6/3/10**	**6/3/10**
50 ppm PO4	PO0312	6/2/10	7/2/10
1000 ppm PO4	P00038	.	
LCS =2.56mg/L	**137208**	**1/7/2010**	**7/7/2010**
Ortho Phos			
Cal	***P00290***	***5/21/10***	***06/21/10***
CCV	***PO0301***	**5/25/10**	**5/25/10**
LCS Prep Date	***P160-505***	***8/2/09***	
TV=3.91			
TV=3.16	***Q027-505***	**11/20/2009**	
TV=2.48	**129932**		

TestAmerica, North Canton

General Chemistry Data Review Checklist

Parameter(s): Alk - C - Bicarb

Batch(es): 01560022|3|4|5|6|7|8

Method #/SOP#: 310.1

Review Items	Level I Review			Level II Review		
A. Initial Calibration	YES	NO	N/A	YES	NO	N/A
1. Initial calibration correlation coefficient ≥ 0.995?	✓			✓		
2. Calibration curve consist of the minimum number of calibration standards?	✓			✓		
3. ICV analyzed at immediately after calibration and within control limits ? (90-110%)	✓			✓		
4. ICB analyzed immediately after ICV and within criteria (± RL)?	✓			✓		
B. Continuing Calibration						
1. CCV analyzed every 10 samples, at end of sequence and within criteria?	✓			✓		
2. CCB analyzed every 10 samples, at end of sequence & within criteria (±RL)?	✓			✓		
C. Sample Results						
1. Were samples with concentrations > the linear range diluted and reanalyzed ?			✓			✓
2. All reported results bracketed by in control QC ?	✓			✓		
3. Sample analyses done within holding time ?	✓			✓		
D. Quality Control						
1. LCS per prep batch and within QC limits ? *(LCSD, where applicable)*	✓			✓		
2. Method blank done per prep batch and < RL. Method blank RL supports the lowest RL reported for the batch?	✓			✓		
3. MS/MSD run at required frequency and evaluated? MS/MSD reported properly and calculated correctly?	✓		✓	✓		
4. Duplicate samples run at required frequency (duplicate sample performed per matrix encountered)?	✓			✓		
E. Titrant						
1. Titrant standardized?			✓			✓
2. If no, standardization expires			✓			✓
F. Other						
1. Are all nonconformances documented appropriately (NCM or narrative)?			✓			✓
2. Calculations checked for error ?	✓			✓		
3. Transcriptions checked for error ?	✓			✓		
4. All client/project specific requirements met ?	✓			✓		
5. Date/time of preparation and analysis verified as correct ?	✓			✓		
6. Units verified as correct?	✓			✓		
7. Dilutions have been properly applied and RL's adjusted appropriately?			✓			✓
8. SOP followed?	✓			✓		
9. Calculations checked at minimum frequency (at least 20%, 100% for QC)?	✓			✓		
10. All reagent and standard numbers recorded in logbook?	✓			✓		
11. Edits dated and initialed			✓			✓

Comment on any "NO" response(s):

Level I reviewer: JM **Date:** 6/7/10

Level II Reviewer: J Kuhee **Date:** 6/7/10

Bi 0156022/3/4 0158031 C 0156025/4/7 0158035 T 0156028

1234

Test America

Analyst_____

LCS _____

Date _____

Sample Name	Run Date	Run Time	Conductivity	pH	P-Alk	Total Alk	BiCarbonate	Carbonate	Hydroxide	Fluoride	Acid Volume	Acidity
* L1839++	06/04/2010	2:40 PM	0000.00	7.7686	0.0000	68.1977	68.1977	0.0000	0.0000	0.0000	.00	.00
L184N++	06/04/2010	2:51 PM	0000.00	7.6399	0.0000	62.3387	62.3387	0.0000	0.0000	0.0000	.00	.00
* L184P++	06/04/2010	3:02 PM	0000.00	7.8116	0.0000	64.9630	64.9630	0.0000	0.0000	0.0000	.00	.00
L184Q++	06/04/2010	3:14 PM	0000.00	7.7116	0.0000	68.8655	68.8655	0.0000	0.0000	0.0000	.00	.00
L184T++	06/04/2010	3:25 PM	0000.00	7.5849	0.0000	62.5285	62.5285	0.0000	0.0000	0.0000	.00	.00
L179V++	06/04/2010	3:37 PM	0000.00	7.7932	0.0000	139.4476	139.4476	0.0000	0.0000	0.0000	.00	.00
L179V-X	06/04/2010	3:49 PM	0000.00	7.7952	0.0000	149.5848	149.5848	0.0000	0.0000	0.0000	.00	.00
L1796++	06/04/2010	4:01 PM	0000.00	7.9117	0.0000	144.0725	144.0725	0.0000	0.0000	0.0000	.00	.00
L1798++	06/04/2010	4:13 PM	0000.00	7.8137	0.0000	139.9158	139.9158	0.0000	0.0000	0.0000	.00	.00
L18AA++	06/04/2010	4:22 PM	0000.00	5.8589	0.0000	2.7761	2.7761	0.0000	0.0000	0.0000	.00	.00
PH 7 A	06/04/2010	4:28 PM	0000.00	7.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
* L12MJ++	06/04/2010	4:43 PM	0000.00	6.9618	0.0000	378.4200	378.4200	0.0000	0.0000	0.0000	.00	.00
L13PL++	06/04/2010	5:02 PM	0000.00	7.1558	0.0000	490.6193	490.6193	0.0000	0.0000	0.0000	.00	.00
L13PN++	06/04/2010	5:15 PM	0000.00	7.3642	0.0000	229.8816	229.8816	0.0000	0.0000	0.0000	.00	.00
L13PV++	06/04/2010	5:29 PM	0000.00	7.6748	0.0000	245.5743	245.5743	0.0000	0.0000	0.0000	.00	.00
L13PW++	06/04/2010	5:45 PM	0000.00	7.2539	0.0000	406.7578	406.7578	0.0000	0.0000	0.0000	.00	.00
L13P8++	06/04/2010	6:00 PM	0000.00	7.4256	0.0000	341.2752	341.2752	0.0000	0.0000	0.0000	.00	.00
L152K++	06/04/2010	6:10 PM	0000.00	5.9487	0.0000	26.0010	26.0010	0.0000	0.0000	0.0000	.00	.00
L153P++	06/04/2010	6:27 PM	0000.00	7.1864	0.0000	455.0588	455.0588	0.0000	0.0000	0.0000	.00	.00
L153R++	06/04/2010	6:46 PM	0000.00	7.5195	0.0000	497.6926	497.6926	0.0000	0.0000	0.0000	.00	.00

* not Reported

North Canton

Analyst_____
LCS _____
Date _____

1235

Sample Name	Run Date	Run Time	Conductivity	pH	P-Alk	Total Alk	BiCarbonate	Carbonate	Hydroxide	Fluoride	Acid Volume	Acidity
L153W++	06/04/2010	7:03 PM	0000.00	7.5379	0.0000	475.7574	475.7574	0.0000	0.0000	0.0000	.00	.00
PH 7 B	06/04/2010	7:09 PM	0000.00	7.0129	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
L1532++	06/04/2010	7:27 PM	0000.00	7.5317	0.0000	483.5894	483.5894	0.0000	0.0000	0.0000	.00	.00
L155F++	06/04/2010	7:38 PM	0000.00	6.3184	0.0000	119.5953	119.5953	0.0000	0.0000	0.0000	.00	.00
L17QJ++	06/04/2010	7:57 PM	0000.00	7.1232	0.0000	467.7722	467.7722	0.0000	0.0000	0.0000	.00	.00
L17QX++	06/04/2010	8:09 PM	0000.00	7.9341	0.0000	143.2475	143.2475	0.0000	0.0000	0.0000	.00	.00
L17Q0++	06/04/2010	8:27 PM	0000.00	7.2581	0.0000	497.1787	497.1787	0.0000	0.0000	0.0000	.00	.00
L17Q2++	06/04/2010	8:36 PM	0000.00	6.5329	0.0000	14.9004	14.9004	0.0000	0.0000	0.0000	.00	.00
L17Q3++	06/04/2010	8:47 PM	0000.00	6.6372	0.0000	122.0376	122.0376	0.0000	0.0000	0.0000	.00	.00
L17Q4++	06/04/2010	9:02 PM	0000.00	7.5849	0.0000	313.1223	313.1223	0.0000	0.0000	0.0000	.00	.00
L17Q5++	06/04/2010	9:08 PM	0000.00	3.8570	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
L13XD B	06/04/2010	9:22 PM	0000.00	7.7666	0.0000	267.3521	267.3521	0.0000	0.0000	0.0000	.00	.00
PH 7 C	06/04/2010	9:28 PM	0000.00	7.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
L13XQ B	06/04/2010	9:43 PM	0000.00	7.9362	0.0000	300.0985	300.0985	0.0000	0.0000	0.0000	.00	.00
L155P B	06/04/2010	10:01 PM	0000.00	7.8014	0.0000	487.2346	487.2346	0.0000	0.0000	0.0000	.00	.00
L155T B	06/04/2010	10:16 PM	0000.00	7.7952	0.0000	340.5086	340.5086	0.0000	0.0000	0.0000	.00	.00
L1735 B	06/04/2010	10:31 PM	0000.00	7.9546	0.0000	320.7930	320.7930	0.0000	0.0000	0.0000	.00	.00
L174E B	06/04/2010	10:46 PM	0000.00	7.7646	0.0000	326.6846	326.6846	0.0000	0.0000	0.0000	.00	.00
L174F B	06/04/2010	11:00 PM	0000.00	7.7502	0.0000	272.2331	272.2331	0.0000	0.0000	0.0000	.00	.00
L174H B	06/04/2010	11:15 PM	0000.00	7.8443	0.0000	302.5374	302.5374	0.0000	0.0000	0.0000	.00	.00
L174J B	06/04/2010	11:29 PM	0000.00	7.8607	0.0000	295.7281	295.7281	0.0000	0.0000	0.0000	.00	.00
L174K B	06/04/2010	11:42 PM	0000.00	8.0915	0.0000	210.2110	210.2110	0.0000	0.0000	0.0000	.00	.00
L174M B	06/04/2010	11:55 PM	0000.00	9.3213	10.6219	65.9138	44.6700	21.2438	0.0000	0.0000	.00	.00
PH 7D	06/05/2010	12:00 AM	0000.00	7.0047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
L174P B	06/05/2010	12:15 AM	0000.00	7.9281	0.0000	291.5688	291.5688	0.0000	0.0000	0.0000	.00	.00

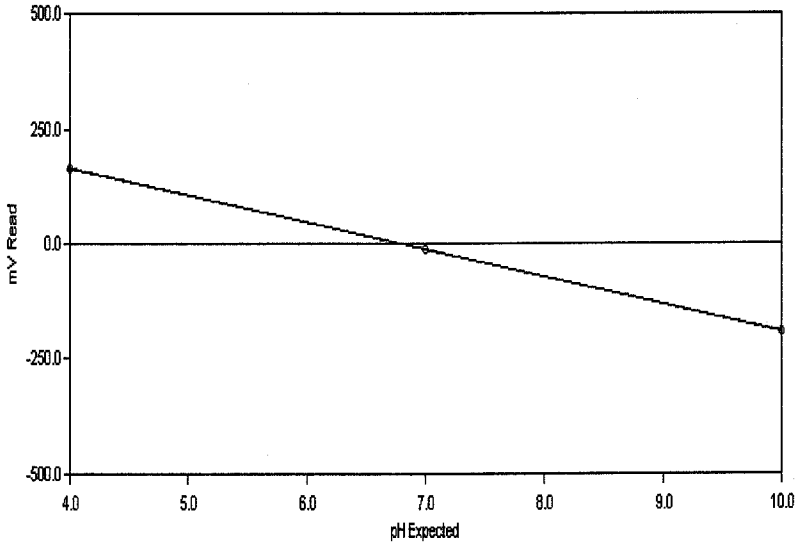
North Canton

Analyst_____
LCS _____
Date _____

Sample Name	Run Date	Run Time	Conductivity	pH	P-Alk	Total Alk	BiCarbonate	Carbonate	Hydroxide	Fluoride	Acid Volume	Acidity
L174P -X	06/05/2010	12:29 AM	0000.00	7.9729	0.0000	284.1267	284.1267	0.0000	0.0000	0.0000	.00	.00
L1839 B	06/05/2010	12:40 AM	0000.00	7.6645	0.0000	67.6898	67.6898	0.0000	0.0000	0.0000	.00	.00
L1839 X	06/05/2010	12:51 AM	0000.00	7.6665	0.0000	67.5471	67.5471	0.0000	0.0000	0.0000	.00	.00
L184P B	06/05/2010	1:02 AM	0000.00	7.8238	0.0000	65.4708	65.4708	0.0000	0.0000	0.0000	.00	.00
L17Q5 MS	06/05/2010	1:19 AM	0000.00	7.4806	0.0000	416.6540	416.6540	0.0000	0.0000	0.0000	.00	.00
L17Q5 MSD	06/05/2010	1:35 AM	0000.00	7.5889	0.0000	407.6299	407.6299	0.0000	0.0000	0.0000	.00	.00
BLANK	06/05/2010	1:44 AM	0000.00	6.0857	0.0000	3.1074	3.1074	0.0000	0.0000	0.0000	.00	.00
LCS 50.4	06/05/2010	1:56 AM	0000.00	8.9187	25.2394	51.3227	0.8438	50.4789	0.0000	0.0000	.00	.00
BLANK 2	06/05/2010	2:05 AM	0000.00	5.8630	0.0000	2.7361	2.7361	0.0000	0.0000	0.0000	.00	.00
PH 7 E	06/05/2010	2:11 AM	0000.00	7.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00

Calibration Report

Calibration Record # 4219



Calibration Settings

Calibration ID	PH CAL 4-7-10 ALK	Date	06/04/2010
Channel	1	Time	11:07 AM
Probe Type	pH	Temperature	298.56 K 25.41 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-59.752	CorrCoeff	1.0000
Intercept	-14.120	Equation: Y = (-59.752) X + (-14.120)	

Calibration Validity **True** Operator A

	Result	Minimum	Maximum
Slope	-59.752	-85.00	-45.00
Intercept	-14.120	-100.00	100.00
Correlation Coefficient	1.0000	1.00	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	**Standard**	**Reading**
	4.00 H46511	164.91
	7.00 J05518	-13.67
	10.00 H43522	-193.60

.02N H_2SO_4 WR00348 exp. 6/23/10

MS AL9002 TV = 500 mg/L

LCS P177 506 TV=504

CALRPRT.SRW

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Test America

Analyst_____
LCS _____
Date _____

Sample Name	Run Date	Run Time	Conductivity	pH	P-Alk	Total Alk	BiCarbonate	Carbonate	Hydroxide	Fluoride	Acid Volume	Acidity
PH 7	06/04/2010	11:12 AM	0000.00	7.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
LCSP177506 TV50.4	06/04/2010	11:25 AM	0000.00	8.9903	27.1603	50.0357	0.0000	45.7507	4.2849	0.0000	.00	.00
BLANK	06/04/2010	11:33 AM	0000.00	6.0734	0.0000	2.8041	2.8041	0.0000	0.0000	0.0000	.00	.00
PH 7-1	06/04/2010	11:39 AM	0000.00	7.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00

1238
North Canton

		TestAmerica, North Canton					
	351.3 / 350.2 NH3/TON/TKN Logsheet						
Prep Date	6/7/2010	Analysis	NH3		Batch	0158340/41/42	
Anal Date	06/07/10	Balance ID:			Lcs No.	Q27-505	
					Lcs Prep Date		11/2
Analyst	DB				RL	1 MG/L	
					TV=6.47		
Titrant	WR00348				Standardization		
Name:	H2SO4	Correction			Date	05/24/10	
Normality	0.0201	Factor	1.005		Intials	JM/SS	

Sample No.	Sample Vol (ml)	dil	Titrant ml	Final Conc mg/L or mg/kg	QC/Calc	pH ADJUSTED	Time
BLANK 1	50	1	0.05	0.2814		X	14:02
LCS 1	50	1	1.05	5.9094		X	14:03
L1X8E	50	1	0.05	0.2814		X	14:05
L1X8E MS	50	1	0.75	4.221		X	14:24
L1X8E MSD	50	1	0.75	4.221		X	14:23
L1X99	50	1	0.05	0.2814		X	14:13
L10AJ	50	1	0.10	0.5628		X	14:14
L10AW	50	1	0.05	0.2814		X	14:13
L10A4	50	1	0.05	0.2814		X	14:16
L10A9	50	1	0.00	0		X	14:12
L10CC	50	1	0.10	0.5628		X	14:14
L10CP	50	1	0.15	0.8442		X	14:04
L12F3	50	1	3.10	17.4468		X	14:25
L12F7	50	1	2.55	14.3514		X	14:26
L16Q0	50	1	0.10	0.5628		X	14:12
L16RA	50	1	0.10	0.5628		X	14:18
L16RD	50	1	0.05	0.2814		X	14:17
L16RE	50	1	0.05	0.2814		X	14:04
L191N	50	1	0.10	0.5628		X	14:17
L191P	50	1	3.40	19.1352		X	14:27
L191Q	50	1	6.50	36.582		X	14:41
L191R	50	1	8.95	50.3706		X	14:44
L1839	50	1	0.25	1.407		X	14:47
L184N	50	1	0.10	0.5628		X	14:46
L184P	50	1	0.05	0.2814		X	14:34
L184Q	50	1	0.05	0.2814		X	14:36
L184T	50	1	0.05	0.2814		X	14:36
L179V	50	1	0.05	0.2814		X	14:34
L179V MS	50	1	0.50	2.814		X	14:44
L179V MSD	50	1	0.70	3.9396		X	14:45

L1796	50	1	0.05	0.2814		X	14:33
L1798	50	1	0.05	0.2814		X	14:34
L18AA	50	1	0.05	0.2814		X	14:34
BLANK 2	50	1	0.05	0.2814		X	14:34
LCS 2	50	1	1.05	5.9094		X	14:46
BORIC ACID:		WR00520					
BORATE BUFFER:		WR00527					
NAOH:		WR00515					
C REAGENT:		WR00433					
PHENOTHALEIN:		WR00012					

20/09
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TestAmerica North Canton

Sample Control Chain of Custody for General Chemistry

Lot Number	Sample	Suffix	Lab ID	Test	Prep Date	Prepared by	Analysis Date	Analyzed by
A0E280509	3		L179V1GR	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280509	3		L179V1C7	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280509	3		L179V1C1	Alkalinity, Carbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	3		L179V1CW	Alkalinity, Bicarbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	3		L179V1C4	Chloride (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3		L179V1DE	Bromide (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	3		L179V1DH	Fluoride (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	3		L179V1DL	Nitrate as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3		L179V1DP	Nitrite as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3		L179V1DT	Phosphate, ortho as P (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3		L179V1DW	Sulfate (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3		L179V2DT	Phosphate, ortho as P (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	3	S	L179V1GT	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280509	3	S	L179V1C8	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280509	3	S	L179V1C5	Chloride (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3	S	L179V1DF	Bromide (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	3	S	L179V1DJ	Fluoride (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	3	S	L179V1DM	Nitrate as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3	S	L179V1DQ	Nitrite as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3	S	L179V1DX	Sulfate (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3	S	L179V1GP	Phosphate, ortho as P (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	3	D	L179V1GU	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280509	3	D	L179V1C9	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280509	3	D	L179V1C6	Chloride (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3	D	L179V1D0	Sulfate (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3	D	L179V1DG	Bromide (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott

TestAmerica North Canton

Sample Control Chain of Custody for General Chemistry

Lot Number	Sample	Suffix	Lab ID	Test	Prep Date	Prepared by	Analysis Date	Analyzed by
A0E280509	3	D	L179V1DK	Fluoride (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	3	D	L179V1DN	Nitrate as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3	D	L179V1DR	Nitrite as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	3	D	L179V1GQ	Phosphate, ortho as P (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	3	X	L179V1GV	Alkalinity, Bicarbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	3	X	L179V1GW	Alkalinity, Carbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	4		L17961A4	Nitrite as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	4		L17961A5	Phosphate, ortho as P (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	4		L17961A6	Sulfate (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	4		L17961AN	Chloride (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	4		L17962A5	Phosphate, ortho as P (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	4		L17961A8	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280509	4		L17961AP	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280509	4		L17961AM	Alkalinity, Carbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	4		L17961AX	Alkalinity, Bicarbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	4		L17961A1	Bromide (9056A, Ion Chromatography)	06/01/10	Samantha Scott	06/01/10	Samantha Scott
A0E280509	4		L17961A2	Fluoride (9056A, Ion Chromatography)	06/01/10	Samantha Scott	06/01/10	Samantha Scott
A0E280509	4		L17961A3	Nitrate as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	5		L17981A8	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280509	5		L17981AP	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280509	5		L17981AM	Alkalinity, Carbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	5		L17981AX	Alkalinity, Bicarbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	5		L17981A1	Bromide (9056A, Ion Chromatography)	06/01/10	Samantha Scott	06/01/10	Samantha Scott
A0E280509	5		L17981A2	Fluoride (9056A, Ion Chromatography)	06/01/10	Samantha Scott	06/01/10	Samantha Scott
A0E280509	5		L17981A3	Nitrate as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	5		L17981A4	Nitrite as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott

TestAmerica North Canton

Sample Control Chain of Custody for General Chemistry

Lot Number	Sample	Suffix	Lab ID	Test	Prep Date	Prepared by	Analysis Date	Analyzed by
A0E280509	5		L17981A5	Phosphate, ortho as P (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	5		L17981A6	Sulfate (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	5		L17981AN	Chloride (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	5		L17982A5	Phosphate, ortho as P (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott
A0E280509	6		L18AA1A8	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280509	6		L18AA1AP	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280509	6		L18AA1AM	Alkalinity, Carbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	6		L18AA1AX	Alkalinity, Bicarbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280509	6		L18AA1A1	Bromide (9056A, Ion Chromatography)	06/01/10	Samantha Scott	06/01/10	Samantha Scott
A0E280509	6		L18AA1A2	Fluoride (9056A, Ion Chromatography)	06/01/10	Samantha Scott	06/01/10	Samantha Scott
A0E280509	6		L18AA1A3	Nitrate as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	6		L18AA1A4	Nitrite as N (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	6		L18AA1A5	Phosphate, ortho as P (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	6		L18AA1A6	Sulfate (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	6		L18AA1AN	Chloride (9056A, Ion Chromatography)	05/29/10	Samantha Scott	05/29/10	Samantha Scott
A0E280509	6		L18AA2A5	Phosphate, ortho as P (9056A, Ion Chromatography)	06/02/10	Samantha Scott	06/02/10	Samantha Scott

PITTSBURGH DATA

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Pittsburgh ICP Data Review Checklist

Run Date: 6/4/10
Analyst: RB
Inst: 6500ICP
Meth: 6010B 200.7
Lots Analyzed:
1. CUE270491
2. CUE270542
3. AOE280605
4. AOE280509
5. CUF030209
6. CUF020437
7. CUF020408
8.
9.
10.
11.
12.
13.
14.
15.
16.
17.
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34.
35.
36.
37.

Review Item	Yes (✓)	No (✓)	N/A (✓)	2nd Lv (✓)	Comments
A. Calibration/Instrument Run QC 1. Instrument calibrated per manufacturer's instructions and at SOP specified levels?	✓			MBM	
2. ICV/CCV analyzed at appropriate frequency and within control limits? (6010B, CLP=90-110%, 200.7=95-105%[ICV])?	✓				
3. ICB/CCB analyzed at appropriate frequency and within +/- RL or +/- CRDL (CLP)?	✓				
4. CRA/RLV/CRI analyzed? (CRI for CLP only)	✓				
5. ICSA/ICSAB run at required frequency and within SOP limits?	✓				
B. Sample Results 1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed?			✓		
2. All reported results bracketed by in control QC?	✓				
3. Sample analyses done within holding time?	✓				
C. Preparation/Matrix QC 1. LCS done per prep batch and within QC limits?	✓				
2. Method blank done per prep batch and < RL or CRDL (CLP)?	✓				
3. MS run at required frequency and within limits?	✓				
4. MSD or DU run at required frequency and RPD within SOP limits?	✓				
5. Dilution Test done per prep batch (or per SDG for CLP)?	✓				
6. Post digestion spike analyzed if required (CLP only)?			✓		
D. Other 1. Are all nonconformances documented appropriately?	✓				
2. Current IDL/LR/IEC data on file?	✓				
3. Calculations checked for error?	✓				
4. Transcriptions checked for error?	✓				
5. All client/project specific requirements met?	✓				
6. Date/Time of analysis verified as correct?	✓				

General Comments:

Analyst & Date: RBM 6/4/10 Second-Level Review & Date: MBM 6/7/10

North Canton

TestAmerica Laboratories, Inc.

SAMPLE ANALYSIS REQUISTION

Laboratory **TestAmerica Pittsburgh**
301 Alpha Drive RIDC Park

Pittsburgh, PA 15238

Lab Request SR119414

Report Package: **Expanded Deliverables**

Need Analytical Report 2010-06-11

Client Code: 545107

Project Manager: DENISE POHL

Sample I.D.	Work Order Number	Client Sample ID		Sampling Date	Analysis Required
A0E280509-3	L179V	SW-LJ01-201005270800	(3x250)	2010-05-27 8:00	WATER, 6010B, Fld Filt Silica & Li-Pitt
A0E280509-3 S	L179V	SW-LJ01-201005270800		2010-05-27 8:00	WATER, 6010B, Fld Filt Silica & Li-Pitt
A0E280509-3 D	L179V	SW-LJ01-201005270800		2010-05-27 8:00	WATER, 6010B, Fld Filt Silica & Li-Pitt
A0E280509-4	L1796	SW-LJ02-201005270850	(1x250)	2010-05-27 8:50	WATER, 6010B, Fld Filt Silica & Li-Pitt
A0E280509-5	L1798	SW-LJ03-201005270920		2010-05-27 9:20	WATER, 6010B, Fld Filt Silica & Li-Pitt
A0E280509-6	L18AA	EB01-20100527		2010-05-27 11:30	WATER, 6010B, Fld Filt Silica & Li-Pitt

Please use Client Sample ID for report

Call DENISE POHL with questions at 330-497-9396

at the TAL North Canton Laboratory

Shipping Method: FEDEX

Need detection limit and analysis date included in report.

Please send a signed copy of this form with the report at completion of analysis.

Relinquished by: Deana Mangun Date/Time: 5/28/10 1600

Relinquished by: [illegible] Date/Time: 5/29/10 1015

Received for lab by: _____ Date/Time: _____

PLEASE RETURN ORIGINAL SAMPLE ANALYSIS REQUISITION

TestAmerica Pittsburgh

Cooler Receipt Form

Client: TA North Canton Project: _____ Quote: _____

Cooler Rec'd & Opened for Temp. Check on: 5/29/10

Coolers Opened and Unpacked on: 5/29/10 By: TRB (Signature)

TestAmerica Pittsburgh Lot Number: _____

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?	✓		
	If YES, how many and where? Quantity 1 Location Front			
	Were signatures and date correct?	✓		
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubblewrap			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?	✓		
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: FEDEX UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Rev. 1, 01/20/2010
X:\Forms\Cooler Receipt Form_updated 102010.DOC

TestAmerica Pittsburgh

Cooler Receipt Form

P: Preserved

UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hardness PH<2	Residual CL	

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	2.0°	7

Sample	Lot Number**

***Acceptable Temperature Range: < 0-6 °C**

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

X:\Forms\Cooler Receipt Form_updated 102010.DOC
Rev. 1, 01/20/2010

METALS DATA

METALS RESULTS

TRW Automotive

Client Sample ID: SW-LJ01-201005270800

DISSOLVED Metals

Lot-Sample #...: A0E280509-003 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L179V1AL
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.67		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L179V1AP
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Calcium	**30300**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1AT**
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 130		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1AE
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 2.2		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L179V1AW
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L179V1A1
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**16900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1A4**
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1A7
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**8800**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1CA**
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1CE
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 3.2		

(Continued on next page)

TRW Automotive

Client Sample ID: SW-LJ01-201005270800

DISSOLVED Metals

Lot-Sample #...: A0E280509-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1AH
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 1.9		
Strontium	**54.6**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L179V1D1**
		Dilution Factor: 1		Analysis Time..: 20:23	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.33		
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1CH
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 5.0		

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L179V1CL
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		
Silica	**10100**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L179V1CP**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 28.7		

TRW Automotive

Client Sample ID: SW-LJ02-201005270850

DISSOLVED Metals

Lot-Sample #...: A0E280509-004 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:50 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17961AH
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.67		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17961AJ
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Calcium	**29500**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17961AK**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 130		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AF
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 2.2		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L17961AL
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17961AA
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17961AC**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AD
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17961AQ
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AR
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 3.2		

(Continued on next page)

TRW Automotive

Client Sample ID: SW-LJ02-201005270850

DISSOLVED Metals

Lot-Sample #...: A0E280509-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AG
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 1.9		
Strontium	**56.2**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L17961A7**
		Dilution Factor: 1		Analysis Time..: 20:48	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.33		
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AT
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 5.0		
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L17961AU
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		
Silica	**11500**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L17961AV**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 28.7		

TRW Automotive

Client Sample ID: SW-LJ03-201005270920

DISSOLVED Metals

Lot-Sample #...: A0E280509-005 **Matrix.....:** WG
Date Sampled...: 05/27/10 09:20 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17981AH
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.67		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17981AJ
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Calcium	**30000**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AK**
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 130		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AF
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 2.2		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L17981AL
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17981AA
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**16600**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AC**
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AD
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**8860**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AQ**
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AR
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 3.2		

(Continued on next page)

TRW Automotive

Client Sample ID: SW-LJ03-201005270920

DISSOLVED Metals

Lot-Sample #...: A0E280509-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AG
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 1.9		
Strontium	**54.1**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L17981A7**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.33		
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AT
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 5.0		
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L17981AU
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		
Silica	**10100**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L17981AV**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 28.7		

TRW Automotive

Client Sample ID: EB01-20100527

DISSOLVED Metals

Lot-Sample #...: A0E280509-006 **Matrix.....:** WQ
Date Sampled...: 05/27/10 11:30 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AH
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.67		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AJ
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AK
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 130		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AF
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 2.2		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AL
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AA
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AC
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AD
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AQ
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AR
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 3.2		

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TRW Automotive

Client Sample ID: EB01-20100527

DISSOLVED Metals

Lot-Sample #...: A0E280509-006 **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AG
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 1.9		
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/02/10	L18AA1A7
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.33		
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AT
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 5.0		

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L18AA1AU
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L18AA1AV
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 28.7		

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

MB Lot-Sample #: A0F010000-030 **Prep Batch #...:** 0152030

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium	ND	200	ug/L	SW846 6010B	06/01-06/03/10	L195W1AD
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Boron	ND	200	ug/L	SW846 6010B	06/01-06/03/10	L195W1AE
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AF
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AA
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Iron	ND	100	ug/L	SW846 6010B	06/01-06/03/10	L195W1AG
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AC
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AJ
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AK
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AM
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AH
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AL
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/02/10	L195W1AP
		Dilution Factor: 1				
		Analysis Time..: 18:55		Analyst ID.....: 001576	Instrument ID..: I8	
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AN
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	

MB Lot-Sample #: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AA
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AC
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-030 **Prep Batch #...:** 0152030					
Chromium	90	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AQ
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Lead	91	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AR
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Barium	89	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AT
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Boron	83	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AU
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Calcium	91	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AV
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Iron	88	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AW
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Potassium	91	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AX
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Magnesium	89	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A0
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Manganese	94	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A1
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Sodium	88	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A2
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	95	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A3
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Zinc	97	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A4
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Strontium	91	(80 - 120)	SW846 6020	06/01-06/02/10	L195W1A5
		Dilution Factor: 1	Analysis Time..: 18:59	Analyst ID.....: 001576	
		Instrument ID..: I8			

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	102	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AD
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			
Silica	98	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AE
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

LCS Lot-Sample#: A0F010000-030 **Prep Batch #...:** 0152030

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	180	ug/L	90	SW846 6010B	06/01-06/03/10	L195W1AQ
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Lead	500	456	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AR
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Barium	2000	1790	ug/L	89	SW846 6010B	06/01-06/03/10	L195W1AT
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Boron	1000	826	ug/L	83	SW846 6010B	06/01-06/03/10	L195W1AU
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Calcium	50000	45400	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AV
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Iron	1000	881	ug/L	88	SW846 6010B	06/01-06/03/10	L195W1AW
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Potassium	50000	45600	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AX
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Magnesium	50000	44700	ug/L	89	SW846 6010B	06/01-06/03/10	L195W1A0
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Manganese	500	470	ug/L	94	SW846 6010B	06/01-06/03/10	L195W1A1
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Sodium	50000	44100	ug/L	88	SW846 6010B	06/01-06/03/10	L195W1A2
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	500	474	ug/L	95	SW846 6010B	06/01-06/03/10	L195W1A3
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Zinc	500	483	ug/L	97	SW846 6010B	06/01-06/03/10	L195W1A4
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Strontium	100	91.4	ug/L	91	SW846 6020	06/01-06/02/10	L195W1A5
			Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 001576	
			Instrument ID..: I8				

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	1000	1020	ug/L	102	SW846 6010B	06/03-06/04/10	L2DVH1AD
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				
Silica	21400	20900	ug/L	98	SW846 6010B	06/03-06/04/10	L2DVH1AE
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0152030							
Barium	100	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AM
	97	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AN
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Boron	96	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AQ
	94	(75 - 125)	3.1	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AR
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Calcium	98	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AU
	92	(75 - 125)	3.7	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AV
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Chromium	101	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AF
	98	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AG
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Iron	99	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AX
	95	(75 - 125)	3.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A0
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Lead	102	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AJ
	99	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AK
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Magnesium	99	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A5
	94	(75 - 125)	3.4	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A6
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Manganese	105	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A8
	102	(75 - 125)	3.0	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A9
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	104	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CF
	101	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CG
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Potassium	102	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A2
	99	(75 - 125)	2.6	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A3
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Sodium	98	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CC
	95	(75 - 125)	3.2	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CD
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Strontium	101	(20 - 192)			SW846 6020	06/01-06/02/10	L179V1D2
	99	(20 - 192)	1.9	(0-20)	SW846 6020	06/01-06/02/10	L179V1D3
		Dilution Factor: 1					
		Analysis Time..: 20:38			Instrument ID..: I8	Analyst ID.....: 001576	
Zinc	103	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CJ
	100	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CK
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092

Lithium	105	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CM
	103	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CN
		Dilution Factor: 1					
		Analysis Time..: 12:26			Instrument ID..: 6500ICP	Analyst ID.....: 22952	
Silica	99	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CQ
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CR
		Dilution Factor: 1					
		Analysis Time..: 00:00			Instrument ID..: 6500ICP	Analyst ID.....: 22952	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0152030

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	ND	2000	2120	ug/L	100		SW846 6010B	06/01-06/04/10	L179V1AM
	ND	2000	2060	ug/L	97	2.9	SW846 6010B	06/01-06/04/10	L179V1AN
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Boron									
	ND	1000	964	ug/L	96		SW846 6010B	06/01-06/04/10	L179V1AQ
	ND	1000	935	ug/L	94	3.1	SW846 6010B	06/01-06/04/10	L179V1AR
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Calcium									
	30300	50000	79300	ug/L	98		SW846 6010B	06/01-06/04/10	L179V1AU
	30300	50000	76500	ug/L	92	3.7	SW846 6010B	06/01-06/04/10	L179V1AV
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Chromium									
	ND	200	201	ug/L	101		SW846 6010B	06/01-06/04/10	L179V1AF
	ND	200	195	ug/L	98	2.9	SW846 6010B	06/01-06/04/10	L179V1AG
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Iron									
	ND	1000	985	ug/L	99		SW846 6010B	06/01-06/04/10	L179V1AX
	ND	1000	948	ug/L	95	3.9	SW846 6010B	06/01-06/04/10	L179V1A0
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Lead									
	ND	500	508	ug/L	102		SW846 6010B	06/01-06/04/10	L179V1AJ
	ND	500	493	ug/L	99	2.9	SW846 6010B	06/01-06/04/10	L179V1AK
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Magnesium									
	16900	50000	66100	ug/L	99		SW846 6010B	06/01-06/04/10	L179V1A5
	16900	50000	63900	ug/L	94	3.4	SW846 6010B	06/01-06/04/10	L179V1A6
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese									
	ND	500	524	ug/L	105		SW846 6010B	06/01-06/04/10	L179V1A8
	ND	500	509	ug/L	102	3.0	SW846 6010B	06/01-06/04/10	L179V1A9
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Nickel									
	ND	500	518	ug/L	104		SW846 6010B	06/01-06/04/10	L179V1CF
	ND	500	503	ug/L	101	2.8	SW846 6010B	06/01-06/04/10	L179V1CG
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Potassium									
	ND	50000	52700	ug/L	102		SW846 6010B	06/01-06/04/10	L179V1A2
	ND	50000	51300	ug/L	99	2.6	SW846 6010B	06/01-06/04/10	L179V1A3
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Sodium									
	8800	50000	58000	ug/L	98		SW846 6010B	06/01-06/04/10	L179V1CC
	8800	50000	56100	ug/L	95	3.2	SW846 6010B	06/01-06/04/10	L179V1CD
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Strontium									
	54.6	100	156	ug/L	101		SW846 6020	06/01-06/02/10	L179V1D2
	54.6	100	153	ug/L	99	1.9	SW846 6020	06/01-06/02/10	L179V1D3
			Dilution Factor: 1						
			Analysis Time..: 20:38		Instrument ID..: I8			Analyst ID.....: 001576	
Zinc									
	ND	500	524	ug/L	103		SW846 6010B	06/01-06/04/10	L179V1CJ
	ND	500	510	ug/L	100	2.8	SW846 6010B	06/01-06/04/10	L179V1CK
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092

Lithium									
	ND	1000	1050	ug/L	105		SW846 6010B	06/03-06/04/10	L179V1CM
	ND	1000	1030	ug/L	103	1.8	SW846 6010B	06/03-06/04/10	L179V1CN
			Dilution Factor: 1						
			Analysis Time..: 12:26		Instrument ID..: 6500ICP			Analyst ID.....: 22952	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica									
	10100	21400	31200	ug/L	99		SW846 6010B	06/03-06/04/10	L179V1CQ
	10100	21400	30700	ug/L	96	1.8	SW846 6010B	06/03-06/04/10	L179V1CR

Dilution Factor: 1
Analysis Time..: 00:00 Instrument ID..: 6500ICP Analyst ID.....: 22952

NOTE(S):

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

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Verification Standar

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 90% - 110%

Standard Source: Inorganic Ventures **Standard ID:** MET2413-10

Element	WL/ Mass	True Conc	ICV1-1 6/4/2010 10:00 AM		ICV1-2 6/4/2010 10:04 AM							
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lithium	670.784	1000.0	1000.80	**100.1**	1010.00	**101.0**						

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Verification Standar

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 90% - 110%

Standard Source: Inorganic Ventures **Standard ID:** MET2413-10

Element	WL/ Mass	True Conc	ICV1-1 6/4/2010 10:00 AM		ICV1-2 6/4/2010 10:04 AM							
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Silica	251.611	2140.0	2284.02	**106.7**	2299.43	**107.5**						

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 90% - 110%

Standard Source: Inorganic Ventures **Standard ID:** MET2708-10

Element	WL/ Mass	True Conc	CCV1-1 6/4/2010 10:26 AM		CCV1-2 6/4/2010 11:20 AM		CCV1-3 6/4/2010 12:13 PM		CCV1-4 6/4/2010 1:05 PM		CCV1-5 6/4/2010 1:57 PM	
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Silica	251.611	4000.0	4272.51	**106.8**	4241.05	**106.0**	4262.67	**106.6**	4301.40	**107.5**	4333.93	**108.3**

5.11.0 *Form 2A Equivalent*

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 90% - 110%

Standard Source: Inorganic Ventures **Standard ID:** MET2411-10

Element	WL/ Mass	True Conc	CCV1-1 6/4/2010 10:26 AM		CCV1-2 6/4/2010 11:20 AM		CCV1-3 6/4/2010 12:13 PM		CCV1-4 6/4/2010 1:05 PM			
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lithium	670.784	2000.0	2019.40	**101.0**	1992.50	**99.6**	2029.50	**101.5**	2045.30	**102.3**		

5.11.0 *Form 2A Equivalent*

TestAmerica Pittsburgh

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 50% - 150%

Standard Source: Inorganic Ventures **Standard ID:** MET2136-10

Element	WL/ Mass	True Conc	CRA/RLV 6/4/2010 10:12 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Silica	251.611	1000.0	1053.46	**105.3**								

TestAmerica Pittsburgh

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 50% - 150%

Standard Source: Inorganic Ventures **Standard ID:** MET2136-10

Element	WL/ Mass	True Conc	CRA/RLV 6/4/2010 10:12 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lithium	670.784	50.0	50.26	**100.5**								

5.11.0 *Form 2B Equivalent*

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 6/4/2010 10:08 AM									
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Silica	251.611	1070	13.4	U								

5.11.0

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 6/4/2010 10:08 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Lithium	670.784	50	2.8	U								

5.11.0

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 6/4/2010 10:30 AM		CCB2 6/4/2010 11:24 AM		CCB3 6/4/2010 12:17 PM		CCB4 6/4/2010 1:09 PM		CCB5 6/4/2010 2:01 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Silica	251.611	1070	13.4	U	13.4	U	13.4	U	13.4	U	13.4	U

5.11.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 6/4/2010 10:30 AM		CCB2 6/4/2010 11:24 AM		CCB3 6/4/2010 12:17 PM		CCB4 6/4/2010 1:09 PM			
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Lithium	670.784	50	2.8	U	2.8	U	2.8	U	2.8	U		

5.11.0

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 0% - 0%

Standard Source: Inorganic Ventures **Standard ID:** MET2410-10

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 6/4/2010 10:17 AM Found	Found	Found	Found	Found
Silica	251.611	1070		-1				

5.11.0

U Result is less than the MDL
B Result is between MDL and RL

Form 4 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 0% - 0%

Standard Source: Inorganic Ventures **Standard ID:** MET2410-10

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 6/4/2010 10:17 AM Found	Found	Found	Found	Found
Lithium	670.784	50		5				

5.11.0

U Result is less than the MDL

B Result is between MDL and RL

Form 4 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 80% - 120%

Standard Source: Inorganic Ventures **Standard ID:** MEt2201-10

Element	WL/ Mass	True Conc	ICSAB 6/4/2010 10:21 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Silica	251.611	2140	2130.0	**99.5**								

5.11.0

U Result is less than the MDL
B Result is between MDL and RL
N Spike recovery failed

Form 4 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 80% - 120%

Standard Source: Inorganic Ventures **Standard ID:** MET2201-10

Element	WL/ Mass	True Conc	ICSAB 6/4/2010 10:21 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lithium	670.784	1000	1072.7	**107.3**								

5.11.0

U Result is less than the MDL
B Result is between MDL and RL
N Spike recovery failed

Form 4 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: L179VPF

Original Sample ID: L179VF **Client ID:** SW-LJ01-201005270800PF

Matrix: Water **Units:** ug/L **Prep Date:** 6/3/2010 **Prep Batch:** 0154092

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Silica	251.611	21500		20700		3.9	1	5	ICP	6/4/2010	12:08	6/4/2010	12:21

Comments:

5.11.0

U Result is less than the MDL
B Result is between MDL and RL
E Serial dilution percent difference not within limits

Form 9 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: L179VPF

Original Sample ID: L179VF **Client ID:** SW-LJ01-201005270800PF

Matrix: Water **Units:** ug/L **Prep Date:** 6/3/2010 **Prep Batch:** 0154092

Weight: NA **Volume:** 50 **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Lithium	670.784	2.8	U	13.9	U		1	5	ICP	6/4/2010	12:08	6/4/2010	12:21

Comments:

5.11.0

U Result is less than the MDL
B Result is between MDL and RL
E Serial dilution percent difference not within limits

Form 9 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICP **Units:** ppb

Element	Wavelength	Reporting Limit	MDL	Date of MDL
Silica	251.611	1070.0	13.4	4/22/2009

TestAmerica Pittsburgh

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICP **Units:** ppb

Element	Wavelength	Reporting Limit	MDL	Date of MDL
Lithium	670.784	50.0	2.8	4/22/2009

TestAmerica Pittsburgh

Metals Data Reporting Form

Inter-Element Correction Factors

Instrument: ICP **Date of IEC's:** 3/19/2010

Interfering Element	Wavelength /Mass	Correction Factor(s)
Aluminum	308.215	As(0.000021), Cd(0.000013), Pb(0.000167), Sb(0.000015), Se(0.000029)
Chromium	267.716	As(-0.003765), Sb(0.012466), V(-0.002245), Zn(-0.000827)
Cobalt	228.616	Pb(-0.000269), Tl(-0.002212)
Copper	324.754	Pb(0.000251)
Iron	259.94	Cd(0.000047), Cu(-0.000151), Pb(0.000014), Sb(0.000039), Se(0.000007)
Manganese	257.61	Cr(0.000243), Se(0.000638), Tl(-0.001063)
Molybdenum	202.03	Al(0.040279), B(0.034244), Pb(-0.002604), Sb(-0.004233), V(-0.009854)
Tin	189.989	Sb(-0.009773)
Vanadium	292.402	Be(0.000568), Sb(-0.001533), Tl(-0.001227)

TestAmerica Pittsburgh

Metals Data Reporting Form

Inter-Element Correction Factors

Instrument: ICP **Date of IEC's:** 3/19/2010

Interfering Element	Wavelength /Mass	Correction Factor(s)
Aluminum	308.215	As(0.000021), Cd(0.000013), Pb(0.000167), Sb(0.000015), Se(0.000029)
Chromium	267.716	As(-0.003765), Sb(0.012466), V(-0.002245), Zn(-0.000827)
Cobalt	228.616	Pb(-0.000269), Tl(-0.002212)
Copper	324.754	Pb(0.000251)
Iron	259.94	Cd(0.000047), Cu(-0.000151), Pb(0.000014), Sb(0.000039), Se(0.000007)
Manganese	257.61	Cr(0.000243), Se(0.000638), Tl(-0.001063)
Molybdenum	202.03	Al(0.040279), B(0.034244), Pb(-0.002604), Sb(-0.004233), V(-0.009854)
Tin	189.989	Sb(-0.009773)
Vanadium	292.402	Be(0.000568), Sb(-0.001533), Tl(-0.001227)

TestAmerica Pittsburgh

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICP **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Lithium	670.78	10000	5/20/2010

TestAmerica Pittsburgh

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICP **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Silica	251.61	100000	5/20/2010

METALS RAW DATA

Sample Report

Report Author

Printed: 6/7/2010 6:34 am

Q006040 Rehura Jed 6/7/10
6010B 200.7

STD1

Acquire Date: 04-Jun-2010 9:42 am Sample Type: Standard

Elem	Avg	Units	Stddev	%RSD
Ag	-.00174	Cts/S	0.0001	3.7936
Al	.00130	Cts/S	0.0002	16.8494
As	.00027	Cts/S	0.0000	6.5794
B_	.00171	Cts/S	0.0001	4.3905
Ba	.02056	Cts/S	0.0005	2.6167
Be	.00217	Cts/S	0.0004	17.7404
Ca	.00842	Cts/S	0.0002	2.8932
Cd	.00085	Cts/S	0.0002	18.3353
Co	.00252	Cts/S	0.0001	2.1761
Cr	.00016	Cts/S	0.0000	29.9642
Cu	.00188	Cts/S	0.0002	9.3556
Fe	.00056	Cts/S	0.0001	17.5669
K_	.01410	Cts/S	0.0011	8.0218
Li	-.00007	Cts/S	0.0004	635.3645
Mg	-.00017	Cts/S	0.0003	155.8072
Mn	.00011	Cts/S	0.0003	255.3034
Mo	.00092	Cts/S	0.0001	11.5263
Na	.01187	Cts/S	0.0008	6.7035
Ni	.00021	Cts/S	0.0002	110.4083
Pb	-.00037	Cts/S	0.0002	50.4365
Sb	.00019	Cts/S	0.0001	73.9943
Se	.00042	Cts/S	0.0001	28.0660
Si	.00017	Cts/S	0.0003	150.0014
Sn	.00012	Cts/S	0.0001	72.9278
Sr	.00389	Cts/S	0.0006	15.2813
Ti	-.00174	Cts/S	0.0002	12.8288
Tl	.00047	Cts/S	0.0001	30.1109
V_	.00026	Cts/S	0.0001	23.3308
Zn	.00172	Cts/S	0.0002	11.3098
In2306	2960.8	Cts/S	10.6875	0.3610
Y_2243	6686.7	Cts/S	26.9041	0.4024
Y_3600	99358.	Cts/S	361.1856	0.3635
Y_3710	14796.	Cts/S	80.9033	0.5468

+ COE270481
+ COE270544
+ AOE280605
+ AOE280509
+ COF030409
+ COF020432
+ COF020408

STD2 MET2725.10

Acquire Date: 04-Jun-2010 9:46 am Sample Type: Standard

Elem	Avg	Units	Stddev	%RSD
Ag	.44751	Cts/S	0.0010	0.2145
As	.05001	Cts/S	0.0002	0.4248
Cd	3.2540	Cts/S	0.0066	0.2023
Pb	.56069	Cts/S	0.0004	0.0631
Sb	.11664	Cts/S	0.0002	0.1956
Se	.06002	Cts/S	0.0002	0.3757
Tl	.52933	Cts/S	0.0010	0.1904
In2306	2989.0	Cts/S	4.8406	0.1619
Y_2243	6800.8	Cts/S	20.2912	0.2984
Y_3600	100510.	Cts/S	171.5862	0.1707

STD3 MET2726.10

Acquire Date: 04-Jun-2010 9:51 am Sample Type: Standard

Elem	Avg	Units	Stddev	%RSD
Al	2.9815	Cts/S	0.0126	0.4211
Ca	16.112	Cts/S	0.0432	0.2682
Fe	5.2275	Cts/S	0.0105	0.2006
K_	3.2001	Cts/S	0.0115	0.3589
Mg	1.5464	Cts/S	0.0014	0.0930
Na	28.510	Cts/S	0.4188	1.4691
Y_3710	14824.	Cts/S	129.0479	0.8705

STD4 MET2727.10

Acquire Date: 04-Jun-2010 9:55 am Sample Type: Standard

Elem	Avg	Units	Stddev	%RSD
B_	1.3920	Cts/S	0.0012	0.0888
Ba	9.6970	Cts/S	0.0142	0.1461
Be	24.679	Cts/S	0.1390	0.5632
Co	8.8530	Cts/S	0.0095	0.1071
Cr	.64574	Cts/S	0.0006	0.0894
Cu	.65586	Cts/S	0.0031	0.4796
Li	2.9176	Cts/S	0.0080	0.2754
Mn	2.3391	Cts/S	0.0030	0.1302
Mo	2.7813	Cts/S	0.0022	0.0794
Ni	4.5379	Cts/S	0.0040	0.0881
Si	.13516	Cts/S	0.0006	0.4519
Sn	.70317	Cts/S	0.0006	0.0913
Sr	27.390	Cts/S	0.2045	0.7465
Ti	.82248	Cts/S	0.0027	0.3317
V_	.84590	Cts/S	0.0005	0.0641
Zn	3.9930	Cts/S	0.0008	0.0197
In2306	2964.1	Cts/S	5.2077	0.1757
Y_2243	6665.2	Cts/S	17.8420	0.2677
Y_3600	98884.	Cts/S	306.0181	0.3095
Y_3710	14824.	Cts/S	28.4538	0.1919

ICV1-1 MET2413-10

Acquire Date: 04-Jun-2010 10:00 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.48375	ppm	0.0018	0.3711
Al	12.509	ppm	0.0462	0.3692
As	.25969	ppm	0.0016	0.6278
B_	1.0145	ppm	0.0028	0.2725
Ba	.98248	ppm	0.0024	0.2493
Be	.99433	ppm	0.0012	0.1231
Ca	25.432	ppm	0.0469	0.1846
Cd	.24564	ppm	0.0004	0.1608
Co	1.0325	ppm	0.0024	0.2296
Cr	.99729	ppm	0.0049	0.4885
Cu	.99097	ppm	0.0046	0.4596
Fe	12.982	ppm	0.0362	0.2789
K_	49.716	ppm	0.0559	0.1125
Li	1.0008	ppm	0.0006	0.0600
Mg	24.832	ppm	0.0554	0.2232
Mn	.99771	ppm	0.0028	0.2762
Mo	.98336	ppm	0.0031	0.3165
Na	49.057	ppm	0.0325	0.0662
Ni	1.0100	ppm	0.0030	0.2959
Pb	.25159	ppm	0.0017	0.6767
Sb	.25373	ppm	0.0006	0.2463
Se	.25269	ppm	0.0021	0.8165
Si	1.0673	ppm	0.0038	0.3557
Sn	.96529	ppm	0.0011	0.1118
Sr	1.0127	ppm	0.0019	0.1910
Ti	.98570	ppm	0.0026	0.2687
Tl	.50464	ppm	0.0015	0.3067
V_	1.0052	ppm	0.0035	0.3512
Zn	.96457	ppm	0.0023	0.2339
In2306	2857.0	Cts/S	10.5837	0.3704
Y_2243	6757.4	Cts/S	20.4937	0.3033
Y_3600	99402.	Cts/S	366.4717	0.3687
Y_3710	15172.	Cts/S	50.1766	0.3307

ICV1-2 MET2413-10

Acquire Date: 04-Jun-2010 10:04 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.49526	ppm	0.0016	0.3306
Al	12.509	ppm	0.0579	0.4625
As	.26488	ppm	0.0027	1.0295
B_	1.0343	ppm	0.0010	0.1014
Ba	.99779	ppm	0.0028	0.2784
Be	1.0050	ppm	0.0040	0.4002
Ca	25.533	ppm	0.1486	0.5818
Cd	.24943	ppm	0.0004	0.1766
Co	1.0468	ppm	0.0012	0.1171
Cr	1.0148	ppm	0.0024	0.2380
Cu	.98703	ppm	0.0103	1.0430
Fe	13.091	ppm	0.0415	0.3169
K_	49.433	ppm	0.3019	0.6108
Li	1.0100	ppm	0.0015	0.1436
Mg	25.217	ppm	0.0901	0.3573
Mn	1.0108	ppm	0.0028	0.2722
Mo	.99672	ppm	0.0009	0.0901
Na	49.555	ppm	0.1664	0.3358
Ni	1.0256	ppm	0.0024	0.2313
Pb	.25727	ppm	0.0008	0.2918
Sb	.25722	ppm	0.0021	0.8199
Se	.25689	ppm	0.0023	0.8968
Si	1.0745	ppm	0.0099	0.9185
Sn	.98250	ppm	0.0012	0.1207
Sr	1.0131	ppm	0.0045	0.4420
Ti	.99021	ppm	0.0060	0.6068
Tl	.51389	ppm	0.0011	0.2046
V_	1.0240	ppm	0.0007	0.0692
Zn	.98570	ppm	0.0014	0.1392
In2306	2799.9	Cts/S	3.3821	0.1208
Y_2243	6599.0	Cts/S	7.8297	0.1186
Y_3600	97129.	Cts/S	316.9306	0.3263
Y_3710	15060.	Cts/S	40.9443	0.2719

ICB1

Acquire Date: 04-Jun-2010 10:08 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00018	ppm	0.0006	316.4201
Al	.01455	ppm	0.0039	26.7554
As	-.00098	ppm	0.0027	280.8418
B_	.00255	ppm	0.0001	3.8829
Ba	-.00064	ppm	0.0001	17.5330
Be	-.00019	ppm	0.0000	12.4767
Ca	.00150	ppm	0.0024	158.6375
Cd	-.00001	ppm	0.0001	892.9636
Co	.00015	ppm	0.0001	74.7530
Cr	.00003	ppm	0.0004	1,605.5812
Cu	.00042	ppm	0.0013	303.4217
Fe	.00277	ppm	0.0012	43.8980
K_	-.00777	ppm	0.0625	804.8487
Li	-.00060	ppm	0.0005	81.6769
Mg	-.00164	ppm	0.0156	954.2714
Mn	-.00018	ppm	0.0003	173.4186
Mo	.00081	ppm	0.0004	47.4796
Na	.01026	ppm	0.0027	26.4335
Ni	.00016	ppm	0.0003	158.9934
Pb	-.00109	ppm	0.0017	155.4390
Sb	-.00002	ppm	0.0003	1,350.6002
Se	.00047	ppm	0.0014	301.7550
Si	-.00021	ppm	0.0034	1,635.8670
Sn	.00014	ppm	0.0003	195.1618
Sr	-.00029	ppm	0.0001	21.7926
Ti	-.00160	ppm	0.0008	52.7402
Tl	.00070	ppm	0.0008	115.8054
V_	-.00036	ppm	0.0001	17.2249
Zn	-.00042	ppm	0.0001	24.7146
In2306	2960.1	Cts/S	7.8166	0.2641
Y_2243	6683.9	Cts/S	19.1559	0.2866
Y_3600	99308.	Cts/S	34.2102	0.0344
Y_3710	14914.	Cts/S	52.2085	0.3501

CRA/RLV MET2136-10

Acquire Date: 04-Jun-2010 10:12 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.00445	ppm	0.0006	13.1266
Al	.20187	ppm	0.0100	4.9360
As	.00916	ppm	0.0006	6.9248
B_	.20459	ppm	0.0003	0.1543
Ba	.20060	ppm	0.0006	0.2850
Be	.00405	ppm	0.0001	1.4760
Ca	5.2893	ppm	0.0198	0.3735
Cd	.00504	ppm	0.0000	0.7425
Co	.05169	ppm	0.0002	0.4501
Cr	.00546	ppm	0.0003	5.7963
Cu	.02616	ppm	0.0004	1.4845
Fe	.10714	ppm	0.0013	1.2156
K_	4.9376	ppm	0.1110	2.2476
Li	.05026	ppm	0.0015	2.8863
Mg	5.1995	ppm	0.0127	0.2435
Mn	.01548	ppm	0.0002	1.0032
Mo	.04180	ppm	0.0004	1.0693
Na	5.1115	ppm	0.0104	0.2032
Ni	.04247	ppm	0.0003	0.7104
Pb	.00239	ppm	0.0012	49.6152
Sb	.01123	ppm	0.0009	8.0303
Se	.00721	ppm	0.0017	23.0835
Si	.49227	ppm	0.0096	1.9448
Sn	.10168	ppm	0.0003	0.3392
Sr	.05091	ppm	0.0001	0.2786
Ti	.05231	ppm	0.0008	1.5148
Tl	.00902	ppm	0.0015	16.5362
V_	.05111	ppm	0.0002	0.4442
Zn	.02153	ppm	0.0003	1.1853
In2306	2967.1	Cts/S	4.3376	0.1462
Y_2243	6742.2	Cts/S	11.0225	0.1635
Y_3600	99893.	Cts/S	207.2318	0.2075
Y_3710	15184.	Cts/S	51.6820	0.3404

ICSA MET2410-10

Acquire Date: 04-Jun-2010 10:17 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00054	ppm	0.0003	58.1132
Al	525.65	ppm	7.4922	1.4253
As	-.00065	ppm	0.0039	593.5876
B_	-.00048	ppm	0.0015	307.8834
Ba	-.00022	ppm	0.0002	70.7782
Be	-.00023	ppm	0.0000	17.4043
Ca	493.67	ppm	5.1707	1.0474
Cd	-.00109	ppm	0.0002	17.8353
Co	.00329	ppm	0.0003	9.2325
Cr	.00107	ppm	0.0002	22.6586
Cu	.00309	ppm	0.0025	80.7503
Fe	196.11	ppm	2.5364	1.2934
K_	-.06061	ppm	0.0746	123.1525
Li	.00486	ppm	0.0012	23.7325
Mg	509.21	ppm	1.2901	0.2533
Mn	.00357	ppm	0.0004	9.8588
Mo	-.00191	ppm	0.0002	7.8849
Na	.07149	ppm	0.0130	18.2147
Ni	.00946	ppm	0.0002	1.7903
Pb	-.00111	ppm	0.0048	428.0890
Sb	-.00193	ppm	0.0020	102.6669
Se	-.00483	ppm	0.0045	92.7497
Si	-.00045	ppm	0.0044	981.3628
Sn	.00166	ppm	0.0007	40.9723
Sr	.00448	ppm	0.0002	3.6180
Ti	.00901	ppm	0.0031	34.3957
Tl	.00231	ppm	0.0010	42.1707
V_	.00055	ppm	0.0002	37.8348
Zn	.00406	ppm	0.0001	2.2420
In2306	2402.1	Cts/S	2.8988	0.1207
Y_2243	6070.2	Cts/S	14.6966	0.2421
Y_3600	87993.	Cts/S	275.4010	0.3130
Y_3710	14469.	Cts/S	82.1777	0.5680

ICSAB MET2201-10

Acquire Date: 04-Jun-2010 10:21 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0720	ppm	0.0023	0.2160
Al	525.38	ppm	2.7136	0.5165
As	1.0507	ppm	0.0014	0.1317
B_	.99067	ppm	0.0028	0.2874
Ba	.49455	ppm	0.0010	0.1983
Be	.50399	ppm	0.0027	0.5275
Ca	491.72	ppm	5.8756	1.1949
Cd	.90994	ppm	0.0005	0.0584
Co	.51952	ppm	0.0012	0.2338
Cr	.50928	ppm	0.0015	0.3021
Cu	.50219	ppm	0.0032	0.6394
Fe	196.71	ppm	1.7581	0.8937
K_	10.651	ppm	0.0773	0.7258
Li	1.0727	ppm	0.0065	0.6021
Mg	508.07	ppm	1.6574	0.3262
Mn	.48257	ppm	0.0003	0.0703
Mo	.98726	ppm	0.0024	0.2427
Na	10.532	ppm	0.0621	0.5894
Ni	1.0361	ppm	0.0014	0.1318
Pb	1.0137	ppm	0.0029	0.2891
Sb	1.0498	ppm	0.0036	0.3435
Se	.99779	ppm	0.0040	0.3998
Si	.99531	ppm	0.0050	0.5020
Sn	.93668	ppm	0.0015	0.1569
Sr	1.0483	ppm	0.0090	0.8617
Ti	1.0115	ppm	0.0058	0.5731
Tl	.98147	ppm	0.0066	0.6694
V_	.50565	ppm	0.0012	0.2381
Zn	.91787	ppm	0.0016	0.1691
In2306	2393.6	Cts/S	4.9355	0.2062
Y_2243	6042.4	Cts/S	19.2897	0.3192
Y_3600	87556.	Cts/S	259.8794	0.2968
Y_3710	14344.	Cts/S	100.9200	0.7035

CCV1-1 MET2728-10

Acquire Date: 04-Jun-2010 10:26 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0049	ppm	0.0032	0.3223
Al	25.454	ppm	0.0690	0.2712
As	.53938	ppm	0.0032	0.5989
B_	2.0340	ppm	0.0037	0.1803
Ba	2.0012	ppm	0.0055	0.2724
Be	2.0460	ppm	0.0070	0.3441
Ca	51.391	ppm	0.2030	0.3949
Cd	.48997	ppm	0.0009	0.1791
Co	2.1057	ppm	0.0029	0.1373
Cr	1.9979	ppm	0.0015	0.0771
Cu	1.9616	ppm	0.0111	0.5670
Fe	25.707	ppm	0.0695	0.2705
K_	125.63	ppm	0.4263	0.3393
Li	2.0194	ppm	0.0069	0.3395
Mg	51.182	ppm	0.1047	0.2046
Mn	1.9857	ppm	0.0084	0.4253
Mo	2.0088	ppm	0.0014	0.0722
Na	126.53	ppm	0.4045	0.3197
Ni	2.0958	ppm	0.0029	0.1380
Pb	.50957	ppm	0.0013	0.2470
Sb	.50528	ppm	0.0007	0.1314
Se	.52124	ppm	0.0036	0.6922
Si	1.9965	ppm	0.0085	0.4254
Sn	1.9569	ppm	0.0032	0.1655
Sr	2.0130	ppm	0.0081	0.4014
Ti	2.0151	ppm	0.0083	0.4131
Tl	1.0026	ppm	0.0063	0.6266
V_	2.0402	ppm	0.0027	0.1308
Zn	1.9910	ppm	0.0046	0.2320
In2306	2703.6	Cts/S	1.1288	0.0418
Y_2243	6532.6	Cts/S	4.8553	0.0743
Y_3600	95498.	Cts/S	492.6704	0.5159
Y_3710	15008.	Cts/S	91.3830	0.6089

CCB1

Acquire Date: 04-Jun-2010 10:30 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00005	ppm	0.0002	503.5644
Al	.03105	ppm	0.0086	27.6766
As	.00058	ppm	0.0015	257.4929
B_	.00215	ppm	0.0002	9.0719
Ba	-.00046	ppm	0.0002	41.0319
Be	.00004	ppm	0.0000	87.4012
Ca	.02938	ppm	0.0062	21.1285
Cd	.00010	ppm	0.0000	22.8694
Co	.00018	ppm	0.0001	51.2824
Cr	.00005	ppm	0.0004	793.4055
Cu	.00091	ppm	0.0032	349.3478
Fe	.01554	ppm	0.0043	27.6272
K_	.01071	ppm	0.0666	621.4153
Li	-.00109	ppm	0.0014	126.5666
Mg	.01227	ppm	0.0062	50.9112
Mn	-.00017	ppm	0.0002	125.5095
Mo	.00126	ppm	0.0003	27.5884
Na	.05711	ppm	0.0043	7.5834
Ni	.00029	ppm	0.0001	32.5732
Pb	-.00016	ppm	0.0014	878.1145
Sb	.00095	ppm	0.0004	46.1941
Se	.00098	ppm	0.0005	55.8574
Si	.00297	ppm	0.0044	146.5087
Sn	.00000	ppm	0.0002	44,493.4765
Sr	.00000	ppm	0.0000	2,297.8444
Ti	-.00151	ppm	0.0016	105.6190
Tl	.00043	ppm	0.0013	298.8711
V_	-.00008	ppm	0.0002	294.7537
Zn	-.00032	ppm	0.0001	22.4440
In2306	2962.1	Cts/S	3.2813	0.1108
Y_2243	6692.6	Cts/S	13.6084	0.2033
Y_3600	99498.	Cts/S	190.8661	0.1918
Y_3710	14906.	Cts/S	44.6141	0.2993

L2E69BT

Acquire Date: 04-Jun-2010 10:35 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00039	ppm	0.0004	110.7502
Al	.00025	ppm	0.0094	3,727.9262
As	-.00189	ppm	0.0011	60.2537
B_	.00063	ppm	0.0003	55.2807
Ba	-.00100	ppm	0.0001	12.3205
Be	-.00032	ppm	0.0000	9.0760
Ca	-.01295	ppm	0.0013	10.3985
Cd	-.00004	ppm	0.0001	186.5183
Co	-.00002	ppm	0.0001	741.0875
Cr	-.00009	ppm	0.0002	252.5548
Cu	-.00093	ppm	0.0012	123.4070
Fe	-.00097	ppm	0.0018	181.5765
K_	-.01146	ppm	0.0531	463.1692
Li	-.00186	ppm	0.0013	69.4786
Mg	.01195	ppm	0.0186	155.2688
Mn	-.00045	ppm	0.0003	66.4479
Mo	-.00029	ppm	0.0002	77.9482
Na	.00866	ppm	0.0020	23.0640
Ni	.00005	ppm	0.0001	278.5545
Pb	-.00158	ppm	0.0005	30.3815
Sb	.00074	ppm	0.0011	147.3680
Se	.00099	ppm	0.0007	72.7483
Si	.01879	ppm	0.0040	21.1258
Sn	.00035	ppm	0.0003	72.6899
Sr	-.00044	ppm	0.0001	17.0431
Ti	.00091	ppm	0.0001	13.9722
Tl	-.00036	ppm	0.0009	254.7437
V_	-.00032	ppm	0.0000	9.5825
Zn	-.00055	ppm	0.0001	20.7709
In2306	3030.6	Cts/S	14.8667	0.4906
Y_2243	6891.6	Cts/S	36.7995	0.5340
Y_3600	104310.	Cts/S	1,172.6594	1.1242
Y_3710	15128.	Cts/S	156.7473	1.0361

L2C60BT

Acquire Date: 04-Jun-2010 10:39 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00080	ppm	0.0003	38.6469
Al	.00382	ppm	0.0082	215.0344
As	.00219	ppm	0.0008	36.3913
B_	.03347	ppm	0.0002	0.5465
Ba	.00107	ppm	0.0002	23.1625
Be	-.00035	ppm	0.0000	0.8098
Ca	.24433	ppm	0.0056	2.3030
Cd	-.00011	ppm	0.0000	42.7361
Co	.00051	ppm	0.0002	34.8721
Cr	.00042	ppm	0.0001	24.8544
Cu	.00019	ppm	0.0021	1,131.9575
Fe	.00958	ppm	0.0011	11.4545
K_	1.4289	ppm	0.0185	1.2926
Li	.00522	ppm	0.0014	26.3544
Mg	.03031	ppm	0.0050	16.4166
Mn	-.00016	ppm	0.0005	319.8734
Mo	-.00060	ppm	0.0002	33.4766
Na	1370.2	ppm	17.9889	1.3129
Ni	.00091	ppm	0.0004	48.3365
Pb	-.00129	ppm	0.0006	42.7620
Sb	.00135	ppm	0.0010	74.2095
Se	.00740	ppm	0.0038	50.8827
Si	.06966	ppm	0.0037	5.3592
Sn	.00102	ppm	0.0006	56.9938
Sr	.00081	ppm	0.0000	3.9050
Ti	.00005	ppm	0.0016	3,171.7856
Tl	.00010	ppm	0.0008	823.0431
V_	-.00030	ppm	0.0003	88.8177
Zn	.00536	ppm	0.0000	0.6672
In2306	2520.1	Cts/S	18.9474	0.7519
Y_2243	6315.2	Cts/S	48.8295	0.7732
Y_3600	88742.	Cts/S	415.4501	0.4682
Y_3710	15323.	Cts/S	185.6129	1.2113

L2E69CT

Acquire Date: 04-Jun-2010 10:44 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05059	ppm	0.0005	1.0351
Al	1.9685	ppm	0.0062	0.3125
As	2.1035	ppm	0.0119	0.5642
B_	.97949	ppm	0.0010	0.1032
Ba	1.9276	ppm	0.0002	0.0127
Be	.04810	ppm	0.0001	0.2892
Ca	F .25039	ppm	0.0038	1.5013
Cd	.04766	ppm	0.0001	0.2680
Co	.52338	ppm	0.0005	0.1022
Cr	.19641	ppm	0.0006	0.3103
Cu	.23900	ppm	0.0009	0.3754
Fe	1.0270	ppm	0.0035	0.3452
K_	F 1.9931	ppm	0.1296	6.5031
Li	1.0041	ppm	0.0010	0.1002
Mg	F .02494	ppm	0.0062	24.9433
Mn	.47723	ppm	0.0016	0.3441
Mo	F -.00108	ppm	0.0001	13.1045
Na	F 1340.3	ppm	8.4649	0.6316
Ni	.51939	ppm	0.0010	0.1939
Pb	.49790	ppm	0.0022	0.4487
Sb	F -.00073	ppm	0.0008	109.6910
Se	2.1343	ppm	0.0048	0.2232
Si	F .07244	ppm	0.0093	12.8959
Sn	F .00186	ppm	0.0004	20.7115
Sr	.96914	ppm	0.0015	0.1597
Ti	F -.00090	ppm	0.0009	99.1828
Tl	1.8849	ppm	0.0066	0.3477
V_	.50138	ppm	0.0010	0.2091
Zn	.49904	ppm	0.0013	0.2637
In2306	2503.4	Cts/S	1.4065	0.0562
Y_2243	6279.3	Cts/S	6.4149	0.1022
Y_3600	89541.	Cts/S	207.2358	0.2314
Y_3710	15130.	Cts/S	56.8305	0.3756

L15V9T

Acquire Date: 04-Jun-2010 10:48 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00023	ppm	0.0003	108.2717
Al	.08328	ppm	0.0121	14.5233
As	.00213	ppm	0.0016	74.6789
B_	.24170	ppm	0.0006	0.2355
Ba	.35101	ppm	0.0010	0.2716
Be	-.00031	ppm	0.0000	10.2021
Ca	238.00	ppm	2.7214	1.1435
Cd	.02597	ppm	0.0000	0.0782
Co	.04686	ppm	0.0004	0.7575
Cr	.04774	ppm	0.0002	0.3747
Cu	.30814	ppm	0.0040	1.3021
Fe	.09777	ppm	0.0012	1.2682
K_	7.2600	ppm	0.0989	1.3626
Li	.03219	ppm	0.0014	4.2198
Mg	110.69	ppm	0.4197	0.3792
Mn	1.3468	ppm	0.0068	0.5073
Mo	-.00035	ppm	0.0000	7.4997
Na	F 1354.4	ppm	6.0457	0.4464
Ni	.23656	ppm	0.0001	0.0220
Pb	.06798	ppm	0.0004	0.6123
Sb	-.00004	ppm	0.0010	2,180.0075
Se	.00546	ppm	0.0015	27.7716
Si	5.8066	ppm	0.0070	0.1208
Sn	.00237	ppm	0.0003	11.4776
Sr	1.5177	ppm	0.0039	0.2580
Ti	.00383	ppm	0.0009	24.1430
Tl	.00057	ppm	0.0012	215.1207
V_	.00155	ppm	0.0002	15.5726
Zn	1.2141	ppm	0.0020	0.1669
In2306	2406.2	Cts/S	7.9365	0.3298
Y_2243	6101.4	Cts/S	16.3203	0.2675
Y_3600	87863.	Cts/S	270.7292	0.3081
Y_3710	14821.	Cts/S	191.1448	1.2897

L15V9P5T

Acquire Date: 04-Jun-2010 10:52 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00024	ppm	0.0002	74.3336
Al	.02411	ppm	0.0039	16.2985
As	.00040	ppm	0.0010	248.1585
B_	.04679	ppm	0.0004	0.7810
Ba	.06794	ppm	0.0002	0.3675
Be	-.00026	ppm	0.0001	21.8755
Ca	47.409	ppm	0.1659	0.3500
Cd	.00520	ppm	0.0000	0.6754
Co	.00911	ppm	0.0002	2.0465
Cr	.00932	ppm	0.0002	2.3129
Cu	.05878	ppm	0.0008	1.2972
Fe	.02041	ppm	0.0013	6.1932
K_	1.2585	ppm	0.0187	1.4884
Li	.00541	ppm	0.0013	24.9348
Mg	21.920	ppm	0.0359	0.1639
Mn	.26455	ppm	0.0016	0.6108
Mo	-.00101	ppm	0.0002	19.6171
Na	282.14	ppm	1.4021	0.4970
Ni	.04607	ppm	0.0001	0.2242
Pb	.01310	ppm	0.0010	8.0107
Sb	.00087	ppm	0.0008	90.2936
Se	.00266	ppm	0.0012	46.5377
Si	1.1205	ppm	0.0070	0.6250
Sn	.00073	ppm	0.0005	73.2666
Sr	.28818	ppm	0.0014	0.4724
Ti	.00103	ppm	0.0022	212.6310
Tl	-.00082	ppm	0.0004	43.4576
V_	.00036	ppm	0.0004	99.0408
Zn	.24507	ppm	0.0004	0.1650
In2306	2730.6	Cts/S	9.4430	0.3458
Y_2243	6590.6	Cts/S	17.4200	0.2643
Y_3600	96104.	Cts/S	491.8938	0.5118
Y_3710	15338.	Cts/S	17.8059	0.1161

L15V9ST

Acquire Date: 04-Jun-2010 10:57 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.96561	ppm	0.0028	0.2860
Al	.09460	ppm	0.0107	11.2616
As	5.1246	ppm	0.0243	0.4749
B_	.24268	ppm	0.0010	0.4083
Ba	45.092	ppm	0.5112	1.1337
Be	-.00028	ppm	0.0001	20.3786
Ca	240.38	ppm	3.0563	1.2715
Cd	.90620	ppm	0.0012	0.1362
Co	.03833	ppm	0.0004	1.0387
Cr	4.5644	ppm	0.0051	0.1118
Cu	.31152	ppm	0.0047	1.5009
Fe	.11205	ppm	0.0014	1.2807
K_	6.9024	ppm	0.0604	0.8746
Li	.03163	ppm	0.0005	1.4254
Mg	111.35	ppm	0.4456	0.4002
Mn	1.3518	ppm	0.0054	0.3990
Mo	-.00006	ppm	0.0001	201.5343
Na	F 1358.4	ppm	13.3771	0.9848
Ni	.23786	ppm	0.0010	0.4185
Pb	4.8051	ppm	0.0095	0.1984
Sb	-.00379	ppm	0.0005	12.2166
Se	1.0288	ppm	0.0069	0.6732
Si	5.8444	ppm	0.0243	0.4159
Sn	.00261	ppm	0.0006	21.9255
Sr	1.5332	ppm	0.0104	0.6803
Ti	.00680	ppm	0.0025	37.3011
Tl	-.00022	ppm	0.0009	431.7458
V_	.00226	ppm	0.0002	10.8523
Zn	1.2168	ppm	0.0025	0.2020
In2306	2392.9	Cts/S	8.5086	0.3556
Y_2243	6040.8	Cts/S	16.5115	0.2733
Y_3600	87624.	Cts/S	244.6777	0.2792
Y_3710	14845.	Cts/S	180.6103	1.2166

L15V9DT

Acquire Date: 04-Jun-2010 11:02 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	1.0227	ppm	0.0003	0.0325
Al	.08995	ppm	0.0164	18.2666
As	5.5123	ppm	0.0179	0.3248
B_	.24904	ppm	0.0014	0.5577
Ba	47.801	ppm	0.3626	0.7587
Be	-.00029	ppm	0.0001	18.0668
Ca	246.84	ppm	4.1636	1.6868
Cd	.95873	ppm	0.0019	0.1945
Co	.03917	ppm	0.0002	0.5700
Cr	4.8703	ppm	0.0064	0.1307
Cu	.31817	ppm	0.0012	0.3799
Fe	.10288	ppm	0.0017	1.6249
K_	7.1578	ppm	0.0663	0.9261
Li	.03109	ppm	0.0016	5.1679
Mg	113.82	ppm	0.1899	0.1668
Mn	1.3864	ppm	0.0008	0.0590
Mo	-.00046	ppm	0.0003	75.8354
Na	F 1366.7	ppm	8.9430	0.6543
Ni	.24251	ppm	0.0012	0.4816
Pb	5.0949	ppm	0.0110	0.2156
Sb	-.00392	ppm	0.0009	23.2844
Se	1.1051	ppm	0.0027	0.2405
Si	5.9716	ppm	0.0273	0.4569
Sn	.00229	ppm	0.0004	19.4072
Sr	1.5596	ppm	0.0022	0.1382
Ti	.00488	ppm	0.0020	41.6630
Tl	-.00091	ppm	0.0014	150.5846
V_	.00221	ppm	0.0006	28.6959
Zn	1.2522	ppm	0.0050	0.4013
In2306	2401.4	Cts/S	2.4395	0.1016
Y_2243	6062.2	Cts/S	8.8487	0.1460
Y_3600	87646.	Cts/S	140.0030	0.1597
Y_3710	14884.	Cts/S	136.9035	0.9198

VOID: unnecessary
R166710

L15V9ST/2

Acquire Date: 04-Jun-2010 11:06 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.46861	ppm	0.0007	0.1391
Al	.04951	ppm	0.0183	36.9526
As	2.4929	ppm	0.0024	0.0943
B_	.11995	ppm	0.0008	0.6573
Ba	22.708	ppm	0.3513	1.5472
Be	-.00033	ppm	0.0000	5.0358
Ca	121.00	ppm	1.7310	1.4305
Cd	.46166	ppm	0.0003	0.0702
Co	.01921	ppm	0.0003	1.6507
Cr	2.2836	ppm	0.0058	0.2559
Cu	.15289	ppm	0.0021	1.3417
Fe	.05267	ppm	0.0008	1.5925
K_	3.2280	ppm	0.0594	1.8387
Li	.01281	ppm	0.0017	13.5037
Mg	55.970	ppm	0.1720	0.3073
Mn	.67873	ppm	0.0024	0.3551
Mo	-.00078	ppm	0.0001	13.4462
Na	F 698.42	ppm	8.7211	1.2487
Ni	.11822	ppm	0.0007	0.5699
Pb	2.4061	ppm	0.0052	0.2162
Sb	-.00089	ppm	0.0004	46.8294
Se	.49938	ppm	0.0020	0.3981
Si	2.8880	ppm	0.0196	0.6779
Sn	.00125	ppm	0.0006	44.2357
Sr	.75159	ppm	0.0024	0.3227
Ti	.00305	ppm	0.0008	25.1808
Tl	-.00078	ppm	0.0016	203.6894
V_	.00100	ppm	0.0001	6.8787
Zn	.61879	ppm	0.0016	0.2591
In2306	2559.4	Cts/S	13.9832	0.5463
Y_2243	6338.8	Cts/S	36.6970	0.5789
Y_3600	92035.	Cts/S	1,054.5429	1.1458
Y_3710	15196.	Cts/S	259.9606	1.7107

1,054
25

VOID: unnecessary
RIG 6/10

L15V9DT/2

Acquire Date: 04-Jun-2010 11:11 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.48502	ppm	0.0009	0.1945
Al	.04658	ppm	0.0060	12.8272
As	2.6174	ppm	0.0094	0.3585
B_	.12158	ppm	0.0000	0.0195
Ba	23.772	ppm	0.2063	0.8680
Be	-.00031	ppm	0.0000	13.8517
Ca	123.06	ppm	0.3947	0.3207
Cd	.48196	ppm	0.0005	0.0975
Co	.01931	ppm	0.0001	0.6604
Cr	2.4004	ppm	0.0017	0.0704
Cu	.15489	ppm	0.0010	0.6268
Fe	.05087	ppm	0.0018	3.4580
K_	3.2741	ppm	0.0766	2.3410
Li	.01301	ppm	0.0007	5.7467
Mg	56.495	ppm	0.1777	0.3146
Mn	.68632	ppm	0.0005	0.0710
Mo	-.00073	ppm	0.0001	18.9973
Na	F 709.04	ppm	2.1365	0.3013
Ni	.11946	ppm	0.0003	0.2336
Pb	2.5187	ppm	0.0035	0.1390
Sb	-.00069	ppm	0.0008	120.0667
Se	.51909	ppm	0.0011	0.2183
Si	2.9250	ppm	0.0091	0.3125
Sn	.00123	ppm	0.0004	31.5115
Sr	.76891	ppm	0.0006	0.0803
Ti	.00319	ppm	0.0009	29.5217
Tl	-.00061	ppm	0.0010	172.3923
V_	.00084	ppm	0.0001	12.8613
Zn	.62527	ppm	0.0009	0.1416
In2306	2559.6	Cts/S	2.3540	0.0920
Y_2243	6332.0	Cts/S	5.5324	0.0874
Y_3600	92420.	Cts/S	612.8737	0.6631
Y_3710	15032.	Cts/S	179.8796	1.1966

L15XGT

Acquire Date: 04-Jun-2010 11:16 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.00013	ppm	0.0002	144.3850
Al	.00422	ppm	0.0099	233.9631
As	.00319	ppm	0.0029	89.9536
B_	.03721	ppm	0.0003	0.7208
Ba	.00845	ppm	0.0002	2.5513
Be	-.00032	ppm	0.0000	2.6501
Ca	.45740	ppm	0.0067	1.4600
Cd	.00003	ppm	0.0001	168.8550
Co	.07879	ppm	0.0002	0.2714
Cr	.00219	ppm	0.0003	14.5684
Cu	1.3362	ppm	0.0078	0.5818
Fe	.32532	ppm	0.0003	0.1062
K_	1.7753	ppm	0.0593	3.3422
Li	.00379	ppm	0.0007	18.9399
Mg	.09722	ppm	0.0270	27.7365
Mn	7.8806	ppm	0.0153	0.1936
Mo	-.00170	ppm	0.0003	14.9369
Na	F 1337.1	ppm	3.5927	0.2687
Ni	.58825	ppm	0.0011	0.1906
Pb	.00075	ppm	0.0020	268.1355
Sb	.00070	ppm	0.0008	108.9203
Se	.00494	ppm	0.0015	31.1722
Si	.18551	ppm	0.0057	3.0903
Sn	.00097	ppm	0.0001	14.6851
Sr	.00280	ppm	0.0000	0.5579
Ti	.00136	ppm	0.0020	145.0528
Tl	-.00927	ppm	0.0005	5.8220
V_	-.00093	ppm	0.0002	21.4231
Zn	.03808	ppm	0.0000	0.1248
In2306	2540.0	Cts/S	3.1267	0.1231
Y_2243	6380.9	Cts/S	6.1404	0.0962
Y_3600	90283.	Cts/S	883.9306	0.9791
Y_3710	15092.	Cts/S	100.9930	0.6692

CCV1-2

Acquire Date: 04-Jun-2010 11:20 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.99056	ppm	0.0009	0.0909
Al	25.147	ppm	0.1848	0.7349
As	.52809	ppm	0.0025	0.4689
B_	2.0048	ppm	0.0026	0.1303
Ba	1.9756	ppm	0.0044	0.2213
Be	2.0370	ppm	0.0044	0.2174
Ca	51.225	ppm	0.5956	1.1627
Cd	.48599	ppm	0.0007	0.1523
Co	2.0927	ppm	0.0024	0.1148
Cr	1.9581	ppm	0.0025	0.1288
Cu	1.9357	ppm	0.0109	0.5623
Fe	25.306	ppm	0.2276	0.8994
K_	124.23	ppm	1.6148	1.2998
Li	1.9925	ppm	0.0050	0.2525
Mg	51.094	ppm	0.8419	1.6477
Mn	1.9547	ppm	0.0133	0.6825
Mo	1.9979	ppm	0.0036	0.1780
Na	125.04	ppm	0.7181	0.5743
Ni	2.0761	ppm	0.0015	0.0720
Pb	.50524	ppm	0.0017	0.3312
Sb	.49827	ppm	0.0009	0.1791
Se	.51019	ppm	0.0016	0.3150
Si	1.9818	ppm	0.0171	0.8608
Sn	1.9388	ppm	0.0002	0.0121
Sr	1.9911	ppm	0.0039	0.1975
Ti	2.0049	ppm	0.0101	0.5045
Tl	.98640	ppm	0.0011	0.1149
V_	2.0097	ppm	0.0025	0.1261
Zn	1.9575	ppm	0.0052	0.2656
In2306	2730.8	Cts/S	13.0400	0.4775
Y_2243	6606.3	Cts/S	33.7119	0.5103
Y_3600	97161.	Cts/S	1,135.7098	1.1689
Y_3710	14909.	Cts/S	524.9107	3.5208

CCB2

Acquire Date: 04-Jun-2010 11:24 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00015	ppm	0.0002	139.4722
Al	.01871	ppm	0.0070	37.2769
As	-.00109	ppm	0.0020	185.0797
B_	.00060	ppm	0.0003	43.9653
Ba	.00005	ppm	0.0001	162.8699
Be	-.00007	ppm	0.0000	17.0838
Ca	.01361	ppm	0.0026	19.0606
Cd	.00006	ppm	0.0001	83.2146
Co	.00008	ppm	0.0001	105.5370
Cr	.00009	ppm	0.0003	286.7725
Cu	-.00123	ppm	0.0005	36.9343
Fe	.00767	ppm	0.0014	18.2392
K_	.10853	ppm	0.0495	45.5745
Li	-.00017	ppm	0.0016	952.5034
Mg	-.00368	ppm	0.0026	71.8463
Mn	-.00025	ppm	0.0005	178.8229
Mo	.00114	ppm	0.0001	7.1517
Na	.43322	ppm	0.0284	6.5614
Ni	.00033	ppm	0.0002	74.4200
Pb	-.00034	ppm	0.0004	112.3320
Sb	-.00013	ppm	0.0006	492.0619
Se	.00198	ppm	0.0010	52.3807
Si	.00232	ppm	0.0027	117.0335
Sn	-.00001	ppm	0.0003	4,442.0012
Sr	-.00010	ppm	0.0001	84.8998
Ti	.00025	ppm	0.0025	990.7180
Tl	-.00111	ppm	0.0009	77.6697
V_	-.00007	ppm	0.0001	198.3636
Zn	-.00029	ppm	0.0000	5.9785
In2306	3003.5	Cts/S	7.5238	0.2505
Y_2243	6830.2	Cts/S	25.0885	0.3673
Y_3600	101260.	Cts/S	230.9197	0.2280
Y_3710	15056.	Cts/S	165.4966	1.0992

L15XKT

Acquire Date: 04-Jun-2010 11:29 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00005	ppm	0.0005	1,058.8511
Al	.00844	ppm	0.0135	160.4196
As	.00485	ppm	0.0014	29.8089
B_	.03564	ppm	0.0006	1.7500
Ba	.00278	ppm	0.0003	11.3710
Be	-.00037	ppm	0.0001	13.5331
Ca	.36535	ppm	0.0020	0.5524
Cd	-.00013	ppm	0.0001	66.7828
Co	.05390	ppm	0.0003	0.5403
Cr	.00187	ppm	0.0003	15.9551
Cu	1.0330	ppm	0.0039	0.3765
Fe	.43726	ppm	0.0044	1.0064
K_	1.4478	ppm	0.0988	6.8244
Li	.00308	ppm	0.0003	9.4389
Mg	.10247	ppm	0.0075	7.2769
Mn	5.7359	ppm	0.0154	0.2683
Mo	-.00125	ppm	0.0001	4.9040
Na	F 1319.8	ppm	9.9142	0.7512
Ni	.40091	ppm	0.0009	0.2138
Pb	.00005	ppm	0.0002	362.8324
Sb	.00068	ppm	0.0009	134.7945
Se	.00455	ppm	0.0018	39.0295
Si	.16147	ppm	0.0033	2.0658
Sn	.00129	ppm	0.0006	50.2807
Sr	.00096	ppm	0.0000	1.1086
Ti	-.00003	ppm	0.0041	14,628.7078
Tl	-.00562	ppm	0.0007	13.0809
V_	-.00096	ppm	0.0002	19.2881
Zn	.00498	ppm	0.0001	1.0697
In2306	2539.0	Cts/S	18.8284	0.7416
Y_2243	6364.8	Cts/S	46.4391	0.7296
Y_3600	90352.	Cts/S	413.8690	0.4581
Y_3710	15386.	Cts/S	233.7059	1.5189

L16D2T

Acquire Date: 04-Jun-2010 11:33 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.00121	ppm	0.0004	29.3431
Al	1.0966	ppm	0.0118	1.0804
As	.00919	ppm	0.0020	21.5806
B_	3.8603	ppm	0.0018	0.0478
Ba	.74683	ppm	0.0037	0.5006
Be	.00175	ppm	0.0000	1.1182
Ca	294.83	ppm	3.4387	1.1663
Cd	.42094	ppm	0.0006	0.1392
Co	.15841	ppm	0.0002	0.1428
Cr	.03571	ppm	0.0005	1.4397
Cu	6.5468	ppm	0.0288	0.4399
Fe	4.1711	ppm	0.0189	0.4534
K_	30.644	ppm	0.1645	0.5369
Li	6.0591	ppm	0.0233	0.3840
Mg	12.482	ppm	0.0531	0.4257
Mn	2.3413	ppm	0.0127	0.5406
Mo	.23168	ppm	0.0003	0.1426
Na	F 1344.6	ppm	6.0922	0.4531
Ni	.32097	ppm	0.0006	0.1766
Pb	3.0061	ppm	0.0036	0.1186
Sb	.25483	ppm	0.0005	0.2129
Se	.01385	ppm	0.0024	17.0907
Si	3.7113	ppm	0.0152	0.4087
Sn	.03578	ppm	0.0004	1.2303
Sr	.58190	ppm	0.0034	0.5874
Ti	.00937	ppm	0.0020	21.5988
Tl	-.00261	ppm	0.0001	4.2092
V_	.00528	ppm	0.0001	2.7618
Zn	F 31.449	ppm	0.0414	0.1317
In2306	2386.7	Cts/S	4.2273	0.1771
Y_2243	6036.9	Cts/S	8.7818	0.1455
Y_3600	88071.	Cts/S	471.7757	0.5357
Y_3710	14767.	Cts/S	43.9294	0.2975

L19EJT

Acquire Date: 04-Jun-2010 11:38 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00016	ppm	0.0002	100.3310
Al	.00750	ppm	0.0107	143.2342
As	.00032	ppm	0.0028	878.8360
B_	.07712	ppm	0.0007	0.9601
Ba	.00659	ppm	0.0002	2.6421
Be	-.00033	ppm	0.0000	13.9205
Ca	.79697	ppm	0.0026	0.3211
Cd	.00004	ppm	0.0000	13.6870
Co	.02700	ppm	0.0004	1.6490
Cr	.00175	ppm	0.0001	6.6041
Cu	.90939	ppm	0.0047	0.5128
Fe	.12993	ppm	0.0014	1.0698
K_	2.1233	ppm	0.0295	1.3896
Li	.00611	ppm	0.0002	3.6285
Mg	.33104	ppm	0.0151	4.5644
Mn	2.5842	ppm	0.0106	0.4107
Mo	-.00094	ppm	0.0001	9.3298
Na	F 1307.3	ppm	7.3031	0.5586
Ni	.16880	ppm	0.0006	0.3513
Pb	.00036	ppm	0.0012	322.0840
Sb	.00106	ppm	0.0003	32.1774
Se	.00525	ppm	0.0010	18.9348
Si	.20560	ppm	0.0033	1.6180
Sn	.00101	ppm	0.0005	44.7056
Sr	.00277	ppm	0.0001	4.9247
Ti	-.00015	ppm	0.0017	1,122.1637
Tl	-.00198	ppm	0.0020	103.4498
V_	-.00079	ppm	0.0002	27.5661
Zn	.01022	ppm	0.0011	11.0864
In2306	2544.0	Cts/S	7.5334	0.2961
Y_2243	6380.4	Cts/S	17.5662	0.2753
Y_3600	90589.	Cts/S	37.2722	0.0411
Y_3710	15024.	Cts/S	30.3083	0.2017

L19EKT

Acquire Date: 04-Jun-2010 11:42 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00040	ppm	0.0002	55.2423
Al	.05217	ppm	0.0020	3.7636
As	.00562	ppm	0.0041	72.9077
B_	.01398	ppm	0.0003	1.8043
Ba	.00539	ppm	0.0003	4.6971
Be	-.00037	ppm	0.0000	7.1848
Ca	.58356	ppm	0.0082	1.4014
Cd	.00032	ppm	0.0000	14.0680
Co	.03661	ppm	0.0002	0.4439
Cr	.00371	ppm	0.0002	5.3176
Cu	.69023	ppm	0.0062	0.8988
Fe	1.9585	ppm	0.0204	1.0440
K_	1.7883	ppm	0.0524	2.9300
Li	.00441	ppm	0.0007	16.5648
Mg	.54612	ppm	0.0118	2.1548
Mn	2.4133	ppm	0.0284	1.1754
Mo	-.00114	ppm	0.0003	25.6338
Na	F 1293.1	ppm	15.9245	1.2315
Ni	.16611	ppm	0.0011	0.6401
Pb	-.00038	ppm	0.0006	146.6228
Sb	.00085	ppm	0.0005	58.5736
Se	.00515	ppm	0.0031	60.1947
Si	.42530	ppm	0.0068	1.6026
Sn	.00121	ppm	0.0009	74.2024
Sr	.00361	ppm	0.0001	3.5414
Ti	.00000	ppm	0.0002	10,019.3133
Tl	-.00297	ppm	0.0013	43.0907
V_	-.00050	ppm	0.0001	15.3524
Zn	.03810	ppm	0.0011	2.8810
In2306	2535.1	Cts/S	5.0418	0.1989
Y_2243	6324.0	Cts/S	6.8396	0.1082
Y_3600	90952.	Cts/S	293.2570	0.3224
Y_3710	15275.	Cts/S	120.0656	0.7860

L19ENT

Acquire Date: 04-Jun-2010 11:47 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.00053	ppm	0.0002	38.6754
Al	-.00282	ppm	0.0039	140.0162
As	.00162	ppm	0.0019	115.4079
B_	.03537	ppm	0.0005	1.4235
Ba	.26754	ppm	0.0008	0.2860
Be	-.00022	ppm	0.0000	8.6233
Ca	1.7106	ppm	0.0190	1.1080
Cd	.04480	ppm	0.0001	0.1201
Co	.04117	ppm	0.0001	0.3347
Cr	.00407	ppm	0.0003	6.5948
Cu	.00685	ppm	0.0021	31.2494
Fe	172.30	ppm	2.1919	1.2721
K_	1.6024	ppm	0.0235	1.4681
Li	.00335	ppm	0.0004	11.7831
Mg	.88945	ppm	0.0135	1.5174
Mn	12.495	ppm	0.0598	0.4784
Mo	-.00333	ppm	0.0002	5.2547
Na	F 1269.3	ppm	4.4085	0.3473
Ni	.23691	ppm	0.0010	0.4215
Pb	.00011	ppm	0.0012	1,096.7557
Sb	-.00289	ppm	0.0009	30.4314
Se	.00594	ppm	0.0016	26.7614
Si	.74782	ppm	0.0075	1.0002
Sn	.00240	ppm	0.0010	41.5356
Sr	.02129	ppm	0.0002	0.9764
Ti	-.00125	ppm	0.0026	205.2570
Tl	F -.01079	ppm	0.0015	13.5461
V_	-.00145	ppm	0.0002	14.5735
Zn	F 28.984	ppm	0.0870	0.3000
In2306	2575.1	Cts/S	5.6313	0.2187
Y_2243	6422.7	Cts/S	11.9609	0.1862
Y_3600	92219.	Cts/S	424.3485	0.4602
Y_3710	15340.	Cts/S	197.0633	1.2846

L2DVHBF

Acquire Date: 04-Jun-2010 11:51 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00080	ppm	0.0004	46.6261
Al	.00214	ppm	0.0119	557.7245
As	-.00274	ppm	0.0014	50.5773
B_	-.00068	ppm	0.0004	63.7207
Ba	-.00086	ppm	0.0001	13.6198
Be	-.00034	ppm	0.0000	13.9902
Ca	-.00469	ppm	0.0021	44.4059
Cd	-.00001	ppm	0.0000	281.0456
Co	-.00019	ppm	0.0000	23.1776
Cr	-.00027	ppm	0.0002	68.1221
Cu	-.00037	ppm	0.0013	347.1283
Fe	.00701	ppm	0.0008	11.3295
K_	.34652	ppm	0.0631	18.2086
Li	.00052	ppm	0.0018	341.3032
Mg	-.00869	ppm	0.0092	105.7336
Mn	-.00020	ppm	0.0003	144.9987
Mo	-.00100	ppm	0.0001	7.6712
Na	.87394	ppm	0.0245	2.8016
Ni	-.00008	ppm	0.0003	355.4728
Pb	-.00012	ppm	0.0006	506.1450
Sb	.00023	ppm	0.0006	282.2976
Se	.00049	ppm	0.0007	149.7181
Si	.02144	ppm	0.0050	23.1243
Sn	.00029	ppm	0.0006	195.6405
Sr	-.00042	ppm	0.0000	10.8670
Ti	-.00148	ppm	0.0018	122.6810
Tl	-.00050	ppm	0.0013	264.2721
V_	-.00048	ppm	0.0002	39.3448
Zn	.00700	ppm	0.0037	52.5727
In2306	3026.8	Cts/S	13.4394	0.4440
Y_2243	6888.3	Cts/S	23.0729	0.3350
Y_3600	103130.	Cts/S	497.1513	0.4821
Y_3710	15170.	Cts/S	62.0752	0.4092

L2DVHCF

Acquire Date: 04-Jun-2010 11:56 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.04980	ppm	0.0003	0.5073
Al	2.0934	ppm	0.0103	0.4942
As	2.0281	ppm	0.0095	0.4709
B_	1.0073	ppm	0.0023	0.2313
Ba	2.0399	ppm	0.0043	0.2095
Be	.05103	ppm	0.0002	0.3066
Ca	F .00443	ppm	0.0016	35.8169
Cd	.05025	ppm	0.0001	0.1824
Co	.52566	ppm	0.0004	0.0673
Cr	.20507	ppm	0.0001	0.0675
Cu	.25431	ppm	0.0021	0.8303
Fe	1.0851	ppm	0.0052	0.4771
K_	F .22957	ppm	0.1015	44.2267
Li	1.0166	ppm	0.0021	0.2057
Mg	F -.00938	ppm	0.0052	55.6179
Mn	.51957	ppm	0.0006	0.1217
Mo	1.0174	ppm	0.0010	0.1025
Na	F .53591	ppm	0.0167	3.1244
Ni	.52553	ppm	0.0008	0.1540
Pb	.50424	ppm	0.0015	0.2979
Sb	.51097	ppm	0.0010	0.2030
Se	2.0036	ppm	0.0047	0.2357
Si	9.7670	ppm	0.0177	0.1807
Sn	2.0124	ppm	0.0017	0.0824
Sr	1.0299	ppm	0.0021	0.2008
Ti	1.0119	ppm	0.0018	0.1754
Tl	2.0100	ppm	0.0079	0.3912
V_	.51225	ppm	0.0019	0.3643
Zn	.51197	ppm	0.0014	0.2644
In2306	3002.3	Cts/S	14.5860	0.4858
Y_2243	6838.0	Cts/S	34.2494	0.5009
Y_3600	102540.	Cts/S	552.3904	0.5387
Y_3710	15214.	Cts/S	51.7022	0.3398

L1796F

Acquire Date: 04-Jun-2010 12:00 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00068	ppm	0.0004	65.6849
Al	.01091	ppm	0.0118	107.7986
As	.00141	ppm	0.0020	138.2985
B_	.00927	ppm	0.0006	6.8333
Ba	.09813	ppm	0.0003	0.2920
Be	-.00027	ppm	0.0000	11.9505
Ca	30.850	ppm	0.1510	0.4894
Cd	-.00006	ppm	0.0001	92.4048
Co	-.00014	ppm	0.0002	115.3668
Cr	.00000	ppm	0.0001	3,654.5317
Cu	.00033	ppm	0.0022	679.4823
Fe	.01006	ppm	0.0012	12.3194
K_	1.2819	ppm	0.0575	4.4878
Li	.00094	ppm	0.0017	175.0169
Mg	17.219	ppm	0.0547	0.3175
Mn	.00105	ppm	0.0007	63.7192
Mo	-.00010	ppm	0.0003	317.6730
Na	2.2562	ppm	0.0087	0.3837
Ni	.00003	ppm	0.0002	836.8235
Pb	.00047	ppm	0.0006	123.8952
Sb	.00030	ppm	0.0006	192.9583
Se	.00004	ppm	0.0016	4,287.0422
Si	5.3830	ppm	0.0295	0.5479
Sn	.00038	ppm	0.0007	171.2297
Sr	.05977	ppm	0.0003	0.4448
Ti	-.00055	ppm	0.0019	339.7872
Tl	-.00057	ppm	0.0008	133.2700
V_	.00013	ppm	0.0003	278.0627
Zn	.00172	ppm	0.0002	8.7286
In2306	2929.4	Cts/S	21.7296	0.7418
Y_2243	6724.2	Cts/S	52.1545	0.7756
Y_3600	100730.	Cts/S	415.2136	0.4122
Y_3710	14979.	Cts/S	19.6728	0.1313

L1798F

Acquire Date: 04-Jun-2010 12:04 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.00003	ppm	0.0002	525.9472
Al	.00504	ppm	0.0130	257.8003
As	-.00089	ppm	0.0015	170.5936
B_	.01774	ppm	0.0005	2.8883
Ba	.11287	ppm	0.0004	0.3210
Be	-.00032	ppm	0.0000	3.1456
Ca	31.716	ppm	0.0531	0.1674
Cd	.00004	ppm	0.0000	73.7378
Co	-.00007	ppm	0.0003	415.8514
Cr	.00060	ppm	0.0004	64.5167
Cu	.00144	ppm	0.0015	105.3752
Fe	.00366	ppm	0.0016	44.0108
K_	2.2039	ppm	0.0558	2.5338
Li	.00021	ppm	0.0012	574.5985
Mg	17.302	ppm	0.0524	0.3031
Mn	-.00036	ppm	0.0003	71.0787
Mo	-.00062	ppm	0.0003	46.7783
Na	9.1966	ppm	0.0202	0.2195
Ni	.00063	ppm	0.0005	72.1206
Pb	.00042	ppm	0.0019	457.3935
Sb	.00188	ppm	0.0009	45.9007
Se	.00041	ppm	0.0011	270.2744
Si	4.7289	ppm	0.0091	0.1927
Sn	.00022	ppm	0.0003	133.4293
Sr	.05916	ppm	0.0002	0.2699
Ti	.00058	ppm	0.0032	543.7947
Tl	-.00175	ppm	0.0004	22.0129
V_	.00003	ppm	0.0001	206.7320
Zn	.00540	ppm	0.0000	0.4023
In2306	2944.1	Cts/S	20.4127	0.6933
Y_2243	6800.8	Cts/S	41.7995	0.6146
Y_3600	101280.	Cts/S	569.6395	0.5624
Y_3710	15202.	Cts/S	82.7328	0.5442

L179VF

Acquire Date: 04-Jun-2010 12:08 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00032	ppm	0.0005	153.2718
Al	.00542	ppm	0.0048	89.2302
As	-.00124	ppm	0.0013	105.9843
B_	.01712	ppm	0.0003	1.7764
Ba	.11244	ppm	0.0001	0.0912
Be	-.00038	ppm	0.0000	8.6361
Ca	31.409	ppm	0.1813	0.5772
Cd	.00001	ppm	0.0001	476.0507
Co	-.00016	ppm	0.0002	133.5784
Cr	.00072	ppm	0.0001	16.8165
Cu	.00012	ppm	0.0013	1,049.9165
Fe	.00415	ppm	0.0016	37.5647
K_	2.0201	ppm	0.0693	3.4291
Li	.00216	ppm	0.0014	66.8405
Mg	17.283	ppm	0.0134	0.0777
Mn	-.00039	ppm	0.0003	79.3890
Mo	-.00063	ppm	0.0000	2.6548
Na	9.0944	ppm	0.0328	0.3611
Ni	.00066	ppm	0.0008	121.6538
Pb	.00059	ppm	0.0010	174.8643
Sb	.00111	ppm	0.0011	96.0753
Se	.00087	ppm	0.0014	159.1458
Si	4.7050	ppm	0.0113	0.2401
Sn	.00027	ppm	0.0003	110.6042
Sr	.05839	ppm	0.0004	0.6159
Ti	.00039	ppm	0.0021	532.6116
Tl	-.00087	ppm	0.0013	151.8241
V_	.00021	ppm	0.0002	96.0643
Zn	.00323	ppm	0.0002	5.0179
In2306	2925.1	Cts/S	13.0799	0.4472
Y_2243	6761.9	Cts/S	39.2165	0.5800
Y_3600	100810.	Cts/S	897.9836	0.8908
Y_3710	15187.	Cts/S	72.1562	0.4751

CCV1-3

Acquire Date: 04-Jun-2010 12:13 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0028	ppm	0.0006	0.0624
Al	25.691	ppm	0.0820	0.3192
As	.54168	ppm	0.0015	0.2860
B_	2.0453	ppm	0.0056	0.2724
Ba	1.9964	ppm	0.0020	0.0981
Be	2.0560	ppm	0.0025	0.1236
Ca	51.759	ppm	0.0987	0.1908
Cd	.48722	ppm	0.0008	0.1641
Co	2.0883	ppm	0.0034	0.1647
Cr	2.0123	ppm	0.0068	0.3394
Cu	1.9780	ppm	0.0079	0.3981
Fe	25.742	ppm	0.0155	0.0603
K_	127.11	ppm	0.5058	0.3979
Li	2.0295	ppm	0.0032	0.1557
Mg	51.213	ppm	0.0944	0.1843
Mn	1.9781	ppm	0.0035	0.1759
Mo	2.0098	ppm	0.0011	0.0563
Na	126.85	ppm	0.0617	0.0486
Ni	2.0836	ppm	0.0023	0.1086
Pb	.50791	ppm	0.0023	0.4571
Sb	.50860	ppm	0.0025	0.4882
Se	.51649	ppm	0.0027	0.5247
Si	1.9919	ppm	0.0083	0.4156
Sn	1.9603	ppm	0.0023	0.1190
Sr	2.0249	ppm	0.0062	0.3068
Ti	2.0299	ppm	0.0109	0.5362
Tl	1.0077	ppm	0.0044	0.4357
V_	2.0512	ppm	0.0029	0.1435
Zn	2.0114	ppm	0.0045	0.2251
In2306	2723.9	Cts/S	13.3024	0.4884
Y_2243	6551.1	Cts/S	30.4545	0.4649
Y_3600	95780.	Cts/S	995.1627	1.0390
Y_3710	14707.	Cts/S	18.5797	0.1263

CCB3

Acquire Date: 04-Jun-2010 12:17 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00067	ppm	0.0002	35.5211
Al	.02200	ppm	0.0007	3.2090
As	.00001	ppm	0.0021	15,878.0377
B_	.00089	ppm	0.0006	65.6115
Ba	.00030	ppm	0.0002	64.0529
Be	.00005	ppm	0.0000	27.3055
Ca	.01922	ppm	0.0007	3.7997
Cd	.00006	ppm	0.0001	88.6748
Co	.00016	ppm	0.0001	60.4062
Cr	.00009	ppm	0.0002	236.8837
Cu	.00014	ppm	0.0006	413.3918
Fe	.00720	ppm	0.0012	16.3135
K_	.04284	ppm	0.0095	22.2359
Li	-.00009	ppm	0.0004	486.2333
Mg	.02536	ppm	0.0189	74.6689
Mn	-.00010	ppm	0.0002	170.0342
Mo	.00123	ppm	0.0006	50.1672
Na	.26427	ppm	0.0062	2.3321
Ni	.00046	ppm	0.0001	24.1016
Pb	-.00004	ppm	0.0008	1,934.9082
Sb	.00154	ppm	0.0010	67.4005
Se	.00007	ppm	0.0009	1,357.9527
Si	.00136	ppm	0.0018	132.7828
Sn	.00047	ppm	0.0002	34.3517
Sr	.00004	ppm	0.0001	256.0512
Ti	-.00050	ppm	0.0019	376.7351
Tl	-.00024	ppm	0.0016	673.6003
V_	.00020	ppm	0.0002	97.8071
Zn	.00020	ppm	0.0000	8.0620
In2306	3018.2	Cts/S	2.7950	0.0926
Y_2243	6864.5	Cts/S	3.2516	0.0474
Y_3600	101640.	Cts/S	165.4293	0.1628
Y_3710	14964.	Cts/S	71.6239	0.4787

L179VP5F

Acquire Date: 04-Jun-2010 12:21 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00020	ppm	0.0003	130.7879
Al	.00004	ppm	0.0022	5,559.1144
As	-.00162	ppm	0.0008	49.7832
B_	.00331	ppm	0.0003	9.0642
Ba	.02135	ppm	0.0003	1.3232
Be	-.00030	ppm	0.0000	3.8505
Ca	6.1309	ppm	0.0205	0.3340
Cd	.00003	ppm	0.0000	140.1887
Co	.00012	ppm	0.0002	123.0474
Cr	.00009	ppm	0.0002	246.8064
Cu	.00034	ppm	0.0011	315.8614
Fe	-.00045	ppm	0.0014	316.9424
K_	.43032	ppm	0.0634	14.7449
Li	-.00094	ppm	0.0011	113.2681
Mg	3.3904	ppm	0.0129	0.3806
Mn	-.00075	ppm	0.0006	82.5071
Mo	-.00027	ppm	0.0002	75.7377
Na	1.8905	ppm	0.0041	0.2164
Ni	.00040	ppm	0.0001	17.4112
Pb	-.00008	ppm	0.0002	289.0859
Sb	.00061	ppm	0.0007	121.8798
Se	-.00049	ppm	0.0009	187.5574
Si	.90397	ppm	0.0010	0.1132
Sn	.00036	ppm	0.0006	159.4038
Sr	.01094	ppm	0.0000	0.1333
Ti	.00029	ppm	0.0025	845.7075
Tl	-.00075	ppm	0.0005	72.5911
V_	.00001	ppm	0.0000	489.9200
Zn	.00174	ppm	0.0001	4.5616
In2306	3002.2	Cts/S	2.7561	0.0918
Y_2243	6841.0	Cts/S	9.0823	0.1328
Y_3600	100890.	Cts/S	213.5365	0.2117
Y_3710	15247.	Cts/S	7.6750	0.0503

L179VSF

Acquire Date: 04-Jun-2010 12:26 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05092	ppm	0.0006	1.0907
Al	2.1470	ppm	0.0244	1.1372
As	2.1187	ppm	0.0031	0.1443
B_	1.0691	ppm	0.0009	0.0809
Ba	2.1985	ppm	0.0099	0.4513
Be	.05265	ppm	0.0004	0.6983
Ca	31.526	ppm	0.2152	0.6826
Cd	.05097	ppm	0.0000	0.0655
Co	.53411	ppm	0.0006	0.1180
Cr	.21090	ppm	0.0001	0.0703
Cu	.25628	ppm	0.0046	1.7985
Fe	1.1033	ppm	0.0117	1.0628
K_	2.0345	ppm	0.0274	1.3466
Li	1.0472	ppm	0.0067	0.6397
Mg	17.151	ppm	0.0847	0.4939
Mn	.52275	ppm	0.0007	0.1323
Mo	1.0415	ppm	0.0011	0.1087
Na	9.0214	ppm	0.0573	0.6348
Ni	.53244	ppm	0.0010	0.1808
Pb	.51844	ppm	0.0007	0.1420
Sb	.52517	ppm	0.0006	0.1087
Se	2.0567	ppm	0.0053	0.2574
Si	14.601	ppm	0.0968	0.6632
Sn	2.0504	ppm	0.0022	0.1091
Sr	1.1149	ppm	0.0094	0.8419
Ti	1.0366	ppm	0.0032	0.3090
Tl	2.0878	ppm	0.0046	0.2211
V_	.53254	ppm	0.0012	0.2184
Zn	.52341	ppm	0.0014	0.2713
In2306	2904.1	Cts/S	12.5090	0.4307
Y_2243	6710.4	Cts/S	34.3990	0.5126
Y_3600	99872.	Cts/S	596.2520	0.5970
Y_3710	14965.	Cts/S	142.1639	0.9500

L179VDF

Acquire Date: 04-Jun-2010 12:30 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05019	ppm	0.0004	0.7286
Al	2.1207	ppm	0.0135	0.6351
As	2.0817	ppm	0.0035	0.1692
B_	1.0453	ppm	0.0001	0.0118
Ba	2.1680	ppm	0.0016	0.0722
Be	.05186	ppm	0.0001	0.2854
Ca	31.096	ppm	0.1132	0.3639
Cd	.05020	ppm	0.0001	0.2578
Co	.52731	ppm	0.0007	0.1264
Cr	.20706	ppm	0.0005	0.2330
Cu	.25039	ppm	0.0026	1.0512
Fe	1.0895	ppm	0.0013	0.1223
K_	1.9809	ppm	0.1320	6.6648
Li	1.0290	ppm	0.0042	0.4101
Mg	16.956	ppm	0.0275	0.1624
Mn	.51589	ppm	0.0007	0.1335
Mo	1.0171	ppm	0.0007	0.0703
Na	8.8697	ppm	0.0100	0.1127
Ni	.52549	ppm	0.0012	0.2229
Pb	.51179	ppm	0.0007	0.1293
Sb	.50822	ppm	0.0029	0.5673
Se	2.0249	ppm	0.0017	0.0852
Si	14.333	ppm	0.0129	0.0903
Sn	2.0010	ppm	0.0020	0.0990
Sr	1.0975	ppm	0.0023	0.2055
Ti	1.0112	ppm	0.0042	0.4198
Tl	2.0447	ppm	0.0059	0.2906
V_	.52368	ppm	0.0005	0.1005
Zn	.51058	ppm	0.0014	0.2702
In2306	2932.4	Cts/S	18.6677	0.6366
Y_2243	6796.7	Cts/S	44.6468	0.6569
Y_3600	100690.	Cts/S	281.5146	0.2796
Y_3710	15333.	Cts/S	54.6332	0.3563

L1839F

Acquire Date: 04-Jun-2010 12:34 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00036	ppm	0.0002	53.0272
Al	.00999	ppm	0.0119	119.3388
As	.00098	ppm	0.0015	150.4326
B_	.03172	ppm	0.0005	1.6563
Ba	.06748	ppm	0.0001	0.1120
Be	-.00034	ppm	0.0000	9.0386
Ca	17.923	ppm	0.0282	0.1572
Cd	.00000	ppm	0.0000	1,418.3053
Co	.00021	ppm	0.0001	57.1757
Cr	.00063	ppm	0.0000	3.2295
Cu	.00234	ppm	0.0042	179.5396
Fe	.02186	ppm	0.0016	7.2408
K_	3.0250	ppm	0.0284	0.9383
Li	-.00070	ppm	0.0004	63.2537
Mg	6.5082	ppm	0.0172	0.2643
Mn	.04191	ppm	0.0003	0.7523
Mo	.00649	ppm	0.0002	3.1177
Na	15.752	ppm	0.0199	0.1263
Ni	.00145	ppm	0.0004	30.7374
Pb	.00004	ppm	0.0013	3,051.9565
Sb	.00076	ppm	0.0007	89.7619
Se	-.00040	ppm	0.0017	414.5783
Si	2.2800	ppm	0.0015	0.0658
Sn	.00053	ppm	0.0001	25.1444
Sr	.05378	ppm	0.0002	0.3124
Ti	.00050	ppm	0.0001	10.6679
Tl	.00057	ppm	0.0018	318.4633
V_	.00118	ppm	0.0002	19.7785
Zn	.00927	ppm	0.0001	1.3247
In2306	2967.9	Cts/S	8.4789	0.2857
Y_2243	6780.2	Cts/S	15.0454	0.2219
Y_3600	100880.	Cts/S	241.5312	0.2394
Y_3710	15116.	Cts/S	136.6984	0.9043

L184NF

Acquire Date: 04-Jun-2010 12:38 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00038	ppm	0.0002	58.7319
Al	.00761	ppm	0.0092	120.6789
As	-.00201	ppm	0.0016	79.7096
B_	.01855	ppm	0.0003	1.7011
Ba	.06216	ppm	0.0004	0.6554
Be	-.00036	ppm	0.0000	7.3379
Ca	15.324	ppm	0.0252	0.1642
Cd	-.00002	ppm	0.0000	246.8507
Co	-.00010	ppm	0.0000	42.2322
Cr	.00049	ppm	0.0001	28.5472
Cu	.00296	ppm	0.0019	63.2168
Fe	.02303	ppm	0.0003	1.2636
K_	2.6136	ppm	0.0845	3.2325
Li	.00020	ppm	0.0013	675.4625
Mg	5.3862	ppm	0.0559	1.0376
Mn	.00396	ppm	0.0001	3.2447
Mo	.00005	ppm	0.0003	548.3050
Na	12.371	ppm	0.0174	0.1405
Ni	.00101	ppm	0.0001	13.3404
Pb	.00036	ppm	0.0007	183.7881
Sb	.00119	ppm	0.0011	93.0546
Se	.00183	ppm	0.0016	88.3357
Si	2.0521	ppm	0.0061	0.2967
Sn	.00068	ppm	0.0007	97.2280
Sr	.04882	ppm	0.0001	0.1820
Ti	.00049	ppm	0.0006	128.5664
Tl	-.00042	ppm	0.0011	266.0722
V_	.00083	ppm	0.0002	23.0022
Zn	.00806	ppm	0.0001	1.3448
In2306	2971.4	Cts/S	31.2592	1.0520
Y_2243	6760.5	Cts/S	69.0845	1.0219
Y_3600	101460.	Cts/S	893.0598	0.8802
Y_3710	14881.	Cts/S	13.5706	0.0912

L184PF

Acquire Date: 04-Jun-2010 12:43 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00103	ppm	0.0001	10.9154
Al	.01284	ppm	0.0075	58.1724
As	-.00077	ppm	0.0017	220.7221
B_	.01934	ppm	0.0004	2.0734
Ba	.06392	ppm	0.0004	0.6282
Be	-.00033	ppm	0.0000	8.9514
Ca	16.176	ppm	0.0771	0.4767
Cd	-.00005	ppm	0.0001	128.6627
Co	.00006	ppm	0.0002	290.7098
Cr	-.00014	ppm	0.0001	107.0625
Cu	.00306	ppm	0.0015	49.3461
Fe	.03352	ppm	0.0012	3.6503
K_	2.7208	ppm	0.0726	2.6676
Li	-.00004	ppm	0.0003	854.2299
Mg	5.7168	ppm	0.0101	0.1764
Mn	.00420	ppm	0.0004	8.9275
Mo	-.00005	ppm	0.0003	521.6486
Na	13.032	ppm	0.0456	0.3502
Ni	.00102	ppm	0.0004	36.3566
Pb	-.00036	ppm	0.0003	85.2676
Sb	-.00012	ppm	0.0011	993.5277
Se	-.00019	ppm	0.0037	1,919.4855
Si	2.2561	ppm	0.0094	0.4179
Sn	.00007	ppm	0.0007	1,016.2186
Sr	.05088	ppm	0.0003	0.5844
Ti	-.00008	ppm	0.0012	1,477.9076
Tl	-.00172	ppm	0.0015	85.9655
V_	.00096	ppm	0.0002	23.4471
Zn	.00427	ppm	0.0000	1.0763
In2306	2988.7	Cts/S	20.5519	0.6876
Y_2243	6837.6	Cts/S	40.3162	0.5896
Y_3600	101520.	Cts/S	494.4104	0.4870
Y_3710	15288.	Cts/S	25.3333	0.1657

L184QF

Acquire Date: 04-Jun-2010 12:47 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00033	ppm	0.0004	128.9504
Al	.00902	ppm	0.0071	78.8077
As	.00005	ppm	0.0017	3,441.5680
B_	.01927	ppm	0.0004	1.8664
Ba	.06396	ppm	0.0002	0.2374
Be	-.00037	ppm	0.0001	19.0974
Ca	16.432	ppm	0.0839	0.5104
Cd	-.00005	ppm	0.0000	48.0426
Co	-.00008	ppm	0.0000	45.3214
Cr	.00065	ppm	0.0005	72.8954
Cu	.00106	ppm	0.0008	70.8116
Fe	.02251	ppm	0.0014	6.2126
K_	2.5448	ppm	0.0486	1.9079
Li	-.00110	ppm	0.0003	29.8256
Mg	5.8342	ppm	0.0417	0.7150
Mn	.00964	ppm	0.0004	4.6190
Mo	-.00001	ppm	0.0002	1,082.9645
Na	12.666	ppm	0.0797	0.6290
Ni	.00017	ppm	0.0005	285.7571
Pb	-.00011	ppm	0.0006	499.9269
Sb	.00151	ppm	0.0010	63.7779
Se	.00218	ppm	0.0008	37.0378
Si	2.3387	ppm	0.0112	0.4790
Sn	-.00011	ppm	0.0002	183.0604
Sr	.05164	ppm	0.0002	0.4014
Ti	.00095	ppm	0.0007	73.8456
Tl	-.00115	ppm	0.0007	61.2565
V_	.00077	ppm	0.0003	43.1908
Zn	.00422	ppm	0.0001	2.2764
In2306	2984.6	Cts/S	14.6013	0.4892
Y_2243	6814.5	Cts/S	27.6138	0.4052
Y_3600	100840.	Cts/S	323.6294	0.3209
Y_3710	15277.	Cts/S	111.8864	0.7324

L184TF

Acquire Date: 04-Jun-2010 12:52 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00028	ppm	0.0006	209.2218
Al	.01751	ppm	0.0086	49.2960
As	.00044	ppm	0.0030	679.2761
B_	.01674	ppm	0.0002	0.9415
Ba	.06132	ppm	0.0007	1.0746
Be	-.00030	ppm	0.0001	20.6345
Ca	15.194	ppm	0.0710	0.4676
Cd	-.00002	ppm	0.0001	474.8549
Co	.00002	ppm	0.0002	873.0156
Cr	.00016	ppm	0.0001	51.9664
Cu	.00224	ppm	0.0011	49.5819
Fe	.02673	ppm	0.0008	3.1545
K_	2.5472	ppm	0.0402	1.5787
Li	-.00097	ppm	0.0005	56.5814
Mg	5.3407	ppm	0.0351	0.6578
Mn	.00405	ppm	0.0003	6.5298
Mo	-.00027	ppm	0.0001	52.9795
Na	12.238	ppm	0.0528	0.4311
Ni	.00087	ppm	0.0001	16.8208
Pb	-.00078	ppm	0.0002	27.2071
Sb	.00082	ppm	0.0010	123.4565
Se	-.00044	ppm	0.0002	56.1177
Si	2.0319	ppm	0.0019	0.0921
Sn	.00001	ppm	0.0002	1,770.8779
Sr	.04818	ppm	0.0002	0.3360
Ti	.00197	ppm	0.0010	48.7065
Tl	-.00252	ppm	0.0009	34.5690
V_	.00069	ppm	0.0003	40.5510
Zn	.04852	ppm	0.0002	0.4417
In2306	2985.6	Cts/S	11.5646	0.3873
Y_2243	6797.6	Cts/S	23.1522	0.3406
Y_3600	101440.	Cts/S	120.6772	0.1190
Y_3710	14877.	Cts/S	185.0529	1.2439

L18AAF

Acquire Date: 04-Jun-2010 12:56 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00098	ppm	0.0003	32.3422
Al	-.00243	ppm	0.0182	749.7974
As	-.00113	ppm	0.0019	168.7957
B_	-.00217	ppm	0.0003	14.8497
Ba	-.00088	ppm	0.0002	25.6979
Be	-.00031	ppm	0.0000	15.0653
Ca	.00841	ppm	0.0021	24.7099
Cd	.00001	ppm	0.0000	730.4346
Co	-.00021	ppm	0.0001	34.2441
Cr	.00010	ppm	0.0002	178.8856
Cu	-.00056	ppm	0.0011	194.0744
Fe	-.00240	ppm	0.0006	26.7300
K_	.01655	ppm	0.0295	178.4847
Li	-.00101	ppm	0.0015	147.5829
Mg	-.01466	ppm	0.0110	75.2226
Mn	-.00036	ppm	0.0004	101.0545
Mo	-.00107	ppm	0.0002	14.5631
Na	.25543	ppm	0.0073	2.8632
Ni	.00015	ppm	0.0001	71.8660
Pb	-.00103	ppm	0.0011	102.1558
Sb	-.00027	ppm	0.0010	380.5345
Se	.00136	ppm	0.0015	107.3664
Si	.02656	ppm	0.0040	14.9797
Sn	.00050	ppm	0.0006	127.4727
Sr	-.00038	ppm	0.0000	11.0749
Ti	-.00027	ppm	0.0012	436.4858
Tl	-.00084	ppm	0.0013	154.1389
V_	-.00041	ppm	0.0001	28.1364
Zn	-.00010	ppm	0.0001	55.0831
In2306	3033.4	Cts/S	1.8926	0.0624
Y_2243	6915.4	Cts/S	2.6158	0.0378
Y_3600	103090.	Cts/S	798.8955	0.7750
Y_3710	15371.	Cts/S	126.1458	0.8207

L2E7DBF

Acquire Date: 04-Jun-2010 1:00 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00057	ppm	0.0003	57.9696
Al	.00319	ppm	0.0071	223.6264
As	-.00079	ppm	0.0009	108.2189
B_	-.00317	ppm	0.0004	12.8607
Ba	-.00062	ppm	0.0003	49.2280
Be	-.00028	ppm	0.0000	5.8542
Ca	-.00566	ppm	0.0025	43.6329
Cd	-.00007	ppm	0.0000	37.9682
Co	-.00022	ppm	0.0002	100.3633
Cr	-.00017	ppm	0.0004	234.2289
Cu	-.00144	ppm	0.0022	154.6876
Fe	-.00100	ppm	0.0018	184.1670
K_	.03067	ppm	0.0174	56.8203
Li	-.00071	ppm	0.0004	56.4848
Mg	.00179	ppm	0.0063	350.7421
Mn	-.00046	ppm	0.0002	37.2513
Mo	-.00100	ppm	0.0002	18.6473
Na	.22466	ppm	0.0107	4.7784
Ni	-.00028	ppm	0.0002	77.7520
Pb	-.00087	ppm	0.0016	188.3816
Sb	.00054	ppm	0.0006	117.4753
Se	.00122	ppm	0.0017	140.8221
Si	.00974	ppm	0.0113	115.7662
Sn	-.00022	ppm	0.0008	337.7095
Sr	-.00038	ppm	0.0001	22.5658
Ti	.00186	ppm	0.0009	48.0498
Tl	-.00120	ppm	0.0011	92.3419
V_	-.00012	ppm	0.0003	217.6871
Zn	-.00032	ppm	0.0001	39.3096
In2306	3060.5	Cts/S	13.3681	0.4368
Y_2243	6960.6	Cts/S	31.4676	0.4521
Y_3600	103490.	Cts/S	298.5516	0.2885
Y_3710	15251.	Cts/S	162.6837	1.0667

CCV1-4

Acquire Date: 04-Jun-2010 1:05 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.99532	ppm	0.0010	0.1033
Al	26.018	ppm	0.1658	0.6371
As	.53909	ppm	0.0012	0.2310
B_	2.0394	ppm	0.0021	0.1052
Ba	2.0067	ppm	0.0046	0.2286
Be	2.0724	ppm	0.0118	0.5686
Ca	52.179	ppm	0.3076	0.5896
Cd	.48901	ppm	0.0009	0.1744
Co	2.0979	ppm	0.0033	0.1553
Cr	2.0120	ppm	0.0060	0.2973
Cu	1.9978	ppm	0.0123	0.6170
Fe	25.909	ppm	0.0987	0.3808
K_	128.85	ppm	1.1571	0.8980
Li	2.0453	ppm	0.0081	0.3984
Mg	51.329	ppm	0.1839	0.3582
Mn	1.9874	ppm	0.0065	0.3256
Mo	2.0132	ppm	0.0018	0.0872
Na	127.92	ppm	0.5168	0.4040
Ni	2.0901	ppm	0.0027	0.1304
Pb	.50851	ppm	0.0015	0.2905
Sb	.50849	ppm	0.0024	0.4650
Se	.51726	ppm	0.0035	0.6848
Si	2.0100	ppm	0.0033	0.1642
Sn	1.9616	ppm	0.0035	0.1780
Sr	2.0512	ppm	0.0134	0.6519
Ti	2.0464	ppm	0.0120	0.5888
Tl	1.0036	ppm	0.0037	0.3715
V_	2.0508	ppm	0.0052	0.2554
Zn	2.0066	ppm	0.0017	0.0833
In2306	2707.9	Cts/S	3.6916	0.1363
Y_2243	6522.2	Cts/S	15.4930	0.2375
Y_3600	95444.	Cts/S	704.6622	0.7383
Y_3710	14721.	Cts/S	255.5239	1.7357

CCB4

Acquire Date: 04-Jun-2010 1:09 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00011	ppm	0.0002	143.9844
Al	.01772	ppm	0.0013	7.4361
As	-.00015	ppm	0.0009	590.1381
B_	.00030	ppm	0.0003	113.5901
Ba	.00006	ppm	0.0003	504.5015
Be	.00001	ppm	0.0000	362.3318
Ca	.01917	ppm	0.0022	11.4410
Cd	.00006	ppm	0.0000	43.4423
Co	.00053	ppm	0.0002	33.9954
Cr	.00049	ppm	0.0003	57.2861
Cu	-.00008	ppm	0.0008	980.8215
Fe	.00685	ppm	0.0007	9.7747
K_	.04619	ppm	0.0258	55.9455
Li	-.00060	ppm	0.0006	93.9055
Mg	.02051	ppm	0.0037	18.0996
Mn	.00000	ppm	0.0006	46,640.0570
Mo	.00130	ppm	0.0001	11.2691
Na	.16200	ppm	0.0115	7.1103
Ni	.00060	ppm	0.0001	8.7539
Pb	-.00063	ppm	0.0006	101.1559
Sb	.00146	ppm	0.0008	52.9574
Se	.00061	ppm	0.0010	157.4584
Si	.00201	ppm	0.0066	325.8568
Sn	.00073	ppm	0.0001	19.3710
Sr	-.00004	ppm	0.0000	86.9278
Ti	.00156	ppm	0.0015	97.8707
Tl	.00004	ppm	0.0011	2,732.4479
V_	-.00012	ppm	0.0002	167.8261
Zn	.00010	ppm	0.0001	152.7480
In2306	3021.6	Cts/S	8.7291	0.2889
Y_2243	6871.6	Cts/S	26.2649	0.3822
Y_3600	101780.	Cts/S	182.4029	0.1792
Y_3710	15207.	Cts/S	134.4872	0.8844

L2E7DCF

Acquire Date: 04-Jun-2010 1:13 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.04826	ppm	0.0001	0.1717
Al	1.9611	ppm	0.0178	0.9082
As	1.9649	ppm	0.0013	0.0681
B_	.98538	ppm	0.0017	0.1727
Ba	1.9063	ppm	0.0061	0.3223
Be	.04822	ppm	0.0003	0.5312
Ca	F -.00148	ppm	0.0007	49.7872
Cd	.04840	ppm	0.0002	0.3355
Co	.49344	ppm	0.0018	0.3646
Cr	.19484	ppm	0.0006	0.2824
Cu	.23916	ppm	0.0019	0.7972
Fe	1.0180	ppm	0.0067	0.6554
K_	F -.08147	ppm	0.0684	83.9181
Li	.94847	ppm	0.0071	0.7537
Mg	F .00816	ppm	0.0031	38.5856
Mn	.48672	ppm	0.0009	0.1823
Mo	F -.00066	ppm	0.0001	20.3738
Na	F .10009	ppm	0.0050	4.9459
Ni	.49545	ppm	0.0005	0.0974
Pb	.48101	ppm	0.0023	0.4745
Sb	F -.00008	ppm	0.0012	1,436.6751
Se	2.0013	ppm	0.0090	0.4497
Si	F .00692	ppm	0.0022	32.2305
Sn	F .00003	ppm	0.0002	724.6042
Sr	.95776	ppm	0.0066	0.6925
Ti	F .00039	ppm	0.0003	89.8387
Tl	1.9421	ppm	0.0013	0.0681
V_	.48194	ppm	0.0011	0.2270
Zn	.49641	ppm	0.0006	0.1290
In2306	3106.2	Cts/S	23.0134	0.7409
Y_2243	7074.0	Cts/S	50.0516	0.7075
Y_3600	105330.	Cts/S	1,294.9700	1.2294
Y_3710	15694.	Cts/S	61.9703	0.3949

L2D0EF

Acquire Date: 04-Jun-2010 1:18 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00022	ppm	0.0005	235.6408
Al	.02658	ppm	0.0116	43.5311
As	.00402	ppm	0.0003	7.8458
B_	7.0957	ppm	0.0029	0.0402
Ba	.01263	ppm	0.0003	2.6577
Be	-.00007	ppm	0.0000	45.2905
Ca	227.12	ppm	3.3268	1.4648
Cd	-.00002	ppm	0.0000	160.8818
Co	.00100	ppm	0.0002	17.0427
Cr	.00019	ppm	0.0002	82.8840
Cu	.00213	ppm	0.0011	51.5726
Fe	.52150	ppm	0.0039	0.7524
K_	3.6436	ppm	0.1030	2.8268
Li	.06481	ppm	0.0003	0.4512
Mg	117.97	ppm	0.2686	0.2277
Mn	.34636	ppm	0.0002	0.0697
Mo	.00005	ppm	0.0001	152.9257
Na	107.53	ppm	0.2474	0.2301
Ni	.00254	ppm	0.0002	7.5072
Pb	.00102	ppm	0.0011	106.5346
Sb	.00088	ppm	0.0018	202.1937
Se	.00041	ppm	0.0008	193.3866
Si	6.7490	ppm	0.0150	0.2221
Sn	.00034	ppm	0.0003	77.1549
Sr	.44703	ppm	0.0006	0.1263
Ti	.00507	ppm	0.0021	40.4767
Tl	-.00079	ppm	0.0021	271.9485
V_	.00060	ppm	0.0004	64.1466
Zn	.00540	ppm	0.0001	2.2156
In2306	2694.9	Cts/S	4.1788	0.1551
Y_2243	6455.4	Cts/S	5.6657	0.0878
Y_3600	95322.	Cts/S	1,050.1512	1.1017
Y_3710	14813.	Cts/S	127.8962	0.8634

L2D0EP5F

Acquire Date: 04-Jun-2010 1:22 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00063	ppm	0.0007	109.1663
Al	.00878	ppm	0.0099	113.0459
As	.00057	ppm	0.0024	422.3460
B_	1.3690	ppm	0.0013	0.0956
Ba	.00163	ppm	0.0001	9.0647
Be	-.00036	ppm	0.0000	9.9170
Ca	45.856	ppm	0.1358	0.2961
Cd	-.00002	ppm	0.0001	439.1028
Co	.00000	ppm	0.0003	5,829.7040
Cr	.00003	ppm	0.0002	656.3153
Cu	-.00090	ppm	0.0011	119.3525
Fe	.10115	ppm	0.0020	1.9674
K_	.76217	ppm	0.0205	2.6871
Li	.01200	ppm	0.0012	9.8525
Mg	23.434	ppm	0.0194	0.0827
Mn	.06948	ppm	0.0005	0.7224
Mo	-.00077	ppm	0.0002	20.5985
Na	20.838	ppm	0.0612	0.2938
Ni	.00061	ppm	0.0002	37.5803
Pb	.00002	ppm	0.0018	8,644.9519
Sb	.00080	ppm	0.0001	15.5758
Se	-.00023	ppm	0.0025	1,102.2288
Si	1.3093	ppm	0.0056	0.4298
Sn	.00006	ppm	0.0002	260.4630
Sr	.08794	ppm	0.0001	0.1531
Ti	.00047	ppm	0.0036	763.0646
Tl	.00028	ppm	0.0006	223.2403
V_	-.00033	ppm	0.0003	104.8990
Zn	.00130	ppm	0.0001	9.2469
In2306	2931.3	Cts/S	29.5076	1.0066
Y_2243	6750.5	Cts/S	63.6561	0.9430
Y_3600	99605.	Cts/S	607.6651	0.6101
Y_3710	15172.	Cts/S	205.9492	1.3574

L2D0ESF

Acquire Date: 04-Jun-2010 1:26 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.04919	ppm	0.0002	0.4195
Al	2.0418	ppm	0.0184	0.9022
As	2.0804	ppm	0.0061	0.2946
B_	8.0705	ppm	0.0138	0.1716
Ba	1.9635	ppm	0.0048	0.2440
Be	.04910	ppm	0.0002	0.3671
Ca	227.49	ppm	3.9697	1.7450
Cd	.04688	ppm	0.0000	0.0470
Co	.50487	ppm	0.0004	0.0728
Cr	.19411	ppm	0.0004	0.1987
Cu	.24035	ppm	0.0033	1.3667
Fe	1.5419	ppm	0.0018	0.1167
K_	3.6594	ppm	0.0755	2.0626
Li	1.0621	ppm	0.0034	0.3208
Mg	117.60	ppm	0.1794	0.1526
Mn	.83245	ppm	0.0009	0.1057
Mo	-.00013	ppm	0.0001	110.7293
Na	106.88	ppm	0.2810	0.2630
Ni	.50261	ppm	0.0005	0.1044
Pb	.49103	ppm	0.0016	0.3200
Sb	-.00056	ppm	0.0005	91.5364
Se	2.0491	ppm	0.0073	0.3540
Si	6.7089	ppm	0.0171	0.2547
Sn	-.00017	ppm	0.0003	198.7019
Sr	1.4317	ppm	0.0045	0.3144
Ti	.00566	ppm	0.0018	31.9589
Tl	1.9483	ppm	0.0086	0.4400
V_	.50013	ppm	0.0010	0.1913
Zn	.48356	ppm	0.0018	0.3654
In2306	2713.8	Cts/S	23.1587	0.8534
Y_2243	6528.6	Cts/S	55.7596	0.8541
Y_3600	95183.	Cts/S	127.5425	0.1340
Y_3710	15111.	Cts/S	131.3800	0.8694

L2D0EDF

Acquire Date: 04-Jun-2010 1:31 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05050	ppm	0.0003	0.6551
Al	2.1045	ppm	0.0156	0.7406
As	2.1376	ppm	0.0096	0.4473
B_	8.1796	ppm	0.0086	0.1057
Ba	2.0100	ppm	0.0004	0.0218
Be	.05016	ppm	0.0001	0.2424
Ca	231.56	ppm	4.0112	1.7323
Cd	.04826	ppm	0.0001	0.2913
Co	.51796	ppm	0.0012	0.2385
Cr	.19914	ppm	0.0002	0.1165
Cu	.24473	ppm	0.0011	0.4612
Fe	1.5633	ppm	0.0096	0.6140
K_	3.7189	ppm	0.0229	0.6154
Li	1.0909	ppm	0.0023	0.2117
Mg	118.31	ppm	0.2095	0.1771
Mn	.84547	ppm	0.0030	0.3529
Mo	-.00033	ppm	0.0002	58.9668
Na	107.82	ppm	0.1666	0.1545
Ni	.51722	ppm	0.0006	0.1141
Pb	.50545	ppm	0.0026	0.5138
Sb	-.00170	ppm	0.0007	40.5116
Se	2.1017	ppm	0.0034	0.1635
Si	6.7818	ppm	0.0221	0.3264
Sn	.00021	ppm	0.0004	197.8702
Sr	1.4586	ppm	0.0033	0.2238
Ti	.00303	ppm	0.0018	58.9335
Tl	2.0039	ppm	0.0054	0.2711
V_	.51103	ppm	0.0007	0.1316
Zn	.49733	ppm	0.0005	0.0957
In2306	2703.0	Cts/S	11.1531	0.4126
Y_2243	6501.1	Cts/S	25.7999	0.3969
Y_3600	95504.	Cts/S	395.3371	0.4139
Y_3710	15019.	Cts/S	184.0689	1.2256

L2D0FF

Acquire Date: 04-Jun-2010 1:35 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00035	ppm	0.0005	139.3469
Al	.01287	ppm	0.0087	67.8165
As	.00499	ppm	0.0013	25.7189
B_	.36384	ppm	0.0030	0.8183
Ba	.02532	ppm	0.0001	0.5490
Be	-.00028	ppm	0.0001	19.3986
Ca	66.920	ppm	0.1770	0.2645
Cd	.00056	ppm	0.0000	4.0655
Co	.00040	ppm	0.0002	44.6058
Cr	.00003	ppm	0.0003	1,124.6970
Cu	.09907	ppm	0.0026	2.6477
Fe	.00077	ppm	0.0008	98.1618
K_	6.7195	ppm	0.0626	0.9313
Li	.04644	ppm	0.0012	2.6655
Mg	28.850	ppm	0.0474	0.1641
Mn	.02243	ppm	0.0004	1.7054
Mo	.00400	ppm	0.0003	7.4688
Na	45.532	ppm	0.0926	0.2033
Ni	.00626	ppm	0.0004	6.8259
Pb	.00055	ppm	0.0013	235.6803
Sb	.00083	ppm	0.0014	162.6309
Se	.00267	ppm	0.0030	112.4036
Si	8.1644	ppm	0.0378	0.4632
Sn	.00007	ppm	0.0006	857.4641
Sr	.78884	ppm	0.0036	0.4528
Ti	.00210	ppm	0.0016	77.2217
Tl	-.00020	ppm	0.0006	291.1732
V_	.00040	ppm	0.0004	106.7705
Zn	.76419	ppm	0.0040	0.5275
In2306	2903.9	Cts/S	7.4102	0.2552
Y_2243	6775.8	Cts/S	29.2543	0.4317
Y_3600	99473.	Cts/S	1,276.0929	1.2829
Y_3710	15397.	Cts/S	155.7725	1.0117

L2D0JF

Acquire Date: 04-Jun-2010 1:39 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00047	ppm	0.0005	96.1905
Al	.03458	ppm	0.0188	54.4254
As	.00318	ppm	0.0014	44.3756
B_	1.4144	ppm	0.0013	0.0919
Ba	.01599	ppm	0.0002	1.3872
Be	-.00032	ppm	0.0000	6.9256
Ca	375.04	ppm	3.9538	1.0542
Cd	.00004	ppm	0.0001	132.0431
Co	.00169	ppm	0.0003	19.0508
Cr	.00049	ppm	0.0005	94.8333
Cu	-.00011	ppm	0.0021	1,908.7403
Fe	.06531	ppm	0.0005	0.7345
K_	3.0019	ppm	0.0433	1.4419
Li	.06006	ppm	0.0013	2.1313
Mg	156.94	ppm	0.8261	0.5264
Mn	.32919	ppm	0.0020	0.5954
Mo	-.00086	ppm	0.0002	25.4645
Na	181.39	ppm	1.8137	0.9999
Ni	.00295	ppm	0.0003	9.6672
Pb	.00181	ppm	0.0008	44.4130
Sb	.00047	ppm	0.0018	386.0129
Se	.00116	ppm	0.0019	165.7382
Si	6.9754	ppm	0.0552	0.7908
Sn	-.00010	ppm	0.0005	467.8426
Sr	.59342	ppm	0.0062	1.0404
Ti	.00517	ppm	0.0019	37.0439
Tl	-.00100	ppm	0.0008	77.7225
V_	.00027	ppm	0.0003	94.9168
Zn	.00446	ppm	0.0002	4.7477
In2306	2671.2	Cts/S	19.3604	0.7248
Y_2243	6479.9	Cts/S	43.3116	0.6684
Y_3600	94994.	Cts/S	360.7866	0.3798
Y_3710	15282.	Cts/S	29.4665	0.1928

L2D0MF

Acquire Date: 04-Jun-2010 1:44 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00070	ppm	0.0005	71.5393
Al	.00172	ppm	0.0067	387.4781
As	.00160	ppm	0.0012	78.2309
B_	.49865	ppm	0.0023	0.4639
Ba	.03970	ppm	0.0003	0.8108
Be	-.00034	ppm	0.0000	7.2914
Ca	35.720	ppm	0.1645	0.4606
Cd	.00014	ppm	0.0000	28.4896
Co	.00023	ppm	0.0001	46.4870
Cr	.00013	ppm	0.0002	194.2229
Cu	.02788	ppm	0.0032	11.4554
Fe	.00730	ppm	0.0003	4.1013
K_	4.2224	ppm	0.1009	2.3901
Li	.02110	ppm	0.0008	3.6971
Mg	11.199	ppm	0.0220	0.1961
Mn	.00814	ppm	0.0001	0.7226
Mo	.00049	ppm	0.0001	30.5830
Na	58.125	ppm	0.1286	0.2212
Ni	.00128	ppm	0.0003	21.7885
Pb	-.00003	ppm	0.0006	1,768.9587
Sb	.00115	ppm	0.0013	114.1827
Se	-.00038	ppm	0.0024	651.3681
Si	5.7673	ppm	0.0067	0.1170
Sn	-.00006	ppm	0.0005	697.6573
Sr	.44040	ppm	0.0026	0.5897
Ti	.00061	ppm	0.0028	457.7073
Tl	-.00041	ppm	0.0010	233.2683
V_	.00000	ppm	0.0005	11,917.3877
Zn	.28817	ppm	0.0002	0.0860
In2306	2942.4	Cts/S	7.5169	0.2555
Y_2243	6811.7	Cts/S	11.7824	0.1730
Y_3600	101140.	Cts/S	82.0372	0.0811
Y_3710	15112.	Cts/S	110.0849	0.7285

L2DVVB

Acquire Date: 04-Jun-2010 1:48 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00070	ppm	0.0002	27.9276
Al	.01347	ppm	0.0081	60.4856
As	-.00075	ppm	0.0014	182.8587
B_	.00653	ppm	0.0002	2.9996
Ba	-.00081	ppm	0.0002	22.1987
Be	-.00031	ppm	0.0000	11.5486
Ca	.08508	ppm	0.0142	16.6441
Cd	-.00007	ppm	0.0000	68.7106
Co	.00005	ppm	0.0001	188.9538
Cr	-.00041	ppm	0.0001	34.2570
Cu	-.00107	ppm	0.0018	169.6067
Fe	-.00264	ppm	0.0026	97.4572
K_	-.27028	ppm	0.0488	18.0429
Li	-.00266	ppm	0.0015	57.4764
Mg	.02036	ppm	0.0074	36.3029
Mn	-.00032	ppm	0.0005	144.5940
Mo	-.00117	ppm	0.0002	18.2884
Na	.15499	ppm	0.0073	4.7033
Ni	-.00016	ppm	0.0002	153.9033
Pb	-.00038	ppm	0.0007	176.6548
Sb	.00018	ppm	0.0012	692.0229
Se	.00007	ppm	0.0008	1,083.3275
Si	.00599	ppm	0.0027	45.5772
Sn	-.00043	ppm	0.0005	106.9850
Sr	-.00005	ppm	0.0000	45.9343
Ti	-.00071	ppm	0.0007	102.6223
Tl	-.00081	ppm	0.0003	41.1077
V_	-.00026	ppm	0.0002	81.0007
Zn	.00018	ppm	0.0002	125.1598
In2306	3139.2	Cts/S	12.8930	0.4107
Y_2243	7100.5	Cts/S	33.8388	0.4766
Y_3600	104760.	Cts/S	1,355.3541	1.2937
Y_3710	15630.	Cts/S	47.5553	0.3043

L2DVVC

Acquire Date: 04-Jun-2010 1:53 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05046	ppm	0.0002	0.3302
Al	2.1127	ppm	0.0066	0.3117
As	2.0659	ppm	0.0042	0.2050
B_	1.0290	ppm	0.0011	0.1057
Ba	2.0179	ppm	0.0032	0.1597
Be	.05054	ppm	0.0002	0.4510
Ca	F .02037	ppm	0.0143	70.4071
Cd	.05084	ppm	0.0001	0.2759
Co	.51521	ppm	0.0010	0.1959
Cr	.20604	ppm	0.0007	0.3615
Cu	.25680	ppm	0.0005	0.1900
Fe	1.0826	ppm	0.0057	0.5230
K_	F -.30169	ppm	0.0228	7.5612
Li	1.0050	ppm	0.0007	0.0711
Mg	F .00269	ppm	0.0052	192.2886
Mn	.51486	ppm	0.0008	0.1462
Mo	F -.00096	ppm	0.0002	19.1965
Na	F .09408	ppm	0.0171	18.1933
Ni	.51890	ppm	0.0017	0.3357
Pb	.50255	ppm	0.0020	0.3895
Sb	F -.00097	ppm	0.0009	94.0871
Se	2.1145	ppm	0.0065	0.3080
Si	F .00549	ppm	0.0091	165.2142
Sn	F -.00017	ppm	0.0003	202.8923
Sr	1.0277	ppm	0.0037	0.3628
Ti	F .00019	ppm	0.0023	1,212.9858
Tl	2.0321	ppm	0.0084	0.4130
V_	.51130	ppm	0.0002	0.0489
Zn	.52519	ppm	0.0007	0.1364
In2306	3120.9	Cts/S	20.5242	0.6576
Y_2243	7069.9	Cts/S	38.0373	0.5380
Y_3600	103950.	Cts/S	1,712.2330	1.6471
Y_3710	15570.	Cts/S	118.7442	0.7626

CCV1-5

Acquire Date: 04-Jun-2010 1:57 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0062	ppm	0.0019	0.1882
Al	25.853	ppm	0.1788	0.6916
As	.54480	ppm	0.0017	0.3153
B_	2.0648	ppm	0.0032	0.1569
Ba	2.0180	ppm	0.0069	0.3416
Be	2.0614	ppm	0.0074	0.3601
Ca	51.734	ppm	0.2544	0.4918
Cd	.48892	ppm	0.0004	0.0753
Co	2.0978	ppm	0.0017	0.0800
Cr	2.0205	ppm	0.0045	0.2233
Cu	1.9960	ppm	0.0152	0.7602
Fe	25.974	ppm	0.1499	0.5772
K_	128.43	ppm	1.0010	0.7794
Li	2.0434	ppm	0.0098	0.4774
Mg	51.199	ppm	0.1912	0.3734
Mn	1.9954	ppm	0.0106	0.5336
Mo	2.0131	ppm	0.0025	0.1266
Na	127.25	ppm	0.4766	0.3746
Ni	2.0913	ppm	0.0039	0.1862
Pb	.50834	ppm	0.0006	0.1216
Sb	.51153	ppm	0.0020	0.3982
Se	.51761	ppm	0.0011	0.2062
Si	2.0252	ppm	0.0245	1.2114
Sn	1.9677	ppm	0.0013	0.0656
Sr	2.0397	ppm	0.0094	0.4592
Ti	2.0341	ppm	0.0080	0.3925
Tl	1.0123	ppm	0.0018	0.1748
V_	2.0604	ppm	0.0040	0.1948
Zn	2.0160	ppm	0.0023	0.1156
In2306	2710.8	Cts/S	16.3365	0.6026
Y_2243	6523.5	Cts/S	43.4581	0.6662
Y_3600	95233.	Cts/S	854.8159	0.8976
Y_3710	14656.	Cts/S	248.5705	1.6961

CCB5

Acquire Date: 04-Jun-2010 2:01 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00052	ppm	0.0001	24.1733
Al	.01385	ppm	0.0126	91.1982
As	.00009	ppm	0.0015	1,709.9764
B_	.00707	ppm	0.0005	6.5374
Ba	.00016	ppm	0.0002	143.5158
Be	.00007	ppm	0.0000	39.1855
Ca	.01687	ppm	0.0024	14.5027
Cd	.00006	ppm	0.0000	21.5963
Co	.00032	ppm	0.0001	45.5125
Cr	.00036	ppm	0.0003	89.2487
Cu	-.00030	ppm	0.0031	1,016.0217
Fe	.00873	ppm	0.0011	12.3169
K_	.04396	ppm	0.0509	115.8525
Li	-.00223	ppm	0.0003	11.6800
Mg	.00841	ppm	0.0156	184.9406
Mn	-.00026	ppm	0.0004	149.3385
Mo	.00095	ppm	0.0003	32.8355
Na	.16188	ppm	0.0094	5.7939
Ni	.00041	ppm	0.0001	22.1417
Pb	-.00010	ppm	0.0010	969.4567
Sb	.00075	ppm	0.0007	90.4131
Se	.00175	ppm	0.0006	36.2975
Si	.00334	ppm	0.0069	205.0554
Sn	.00008	ppm	0.0003	362.2533
Sr	-.00003	ppm	0.0001	420.7092
Ti	-.00175	ppm	0.0005	28.2005
Tl	-.00030	ppm	0.0010	335.4817
V_	.00022	ppm	0.0004	160.1600
Zn	-.00009	ppm	0.0001	129.7666
In2306	2996.3	Cts/S	10.0227	0.3345
Y_2243	6784.3	Cts/S	18.3527	0.2705
Y_3600	100420.	Cts/S	543.8491	0.5416
Y_3710	14948.	Cts/S	119.5945	0.8001

L2CVV

Acquire Date: 04-Jun-2010 2:06 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00050	ppm	0.0002	40.4723
Al	.03399	ppm	0.0157	46.2671
As	.00163	ppm	0.0015	92.7251
B_	.01881	ppm	0.0002	1.1573
Ba	.11413	ppm	0.0003	0.2758
Be	-.00011	ppm	0.0000	33.2361
Ca	105.89	ppm	0.6625	0.6256
Cd	-.00007	ppm	0.0000	11.5121
Co	.00046	ppm	0.0003	75.9745
Cr	.00290	ppm	0.0005	16.6159
Cu	.00190	ppm	0.0013	68.6232
Fe	.01032	ppm	0.0013	12.7833
K_	18.470	ppm	0.0479	0.2593
Li	.01599	ppm	0.0011	7.0655
Mg	15.994	ppm	0.0890	0.5562
Mn	.00156	ppm	0.0002	12.7558
Mo	.01284	ppm	0.0003	2.3899
Na	490.06	ppm	4.9628	1.0127
Ni	.00139	ppm	0.0002	17.6277
Pb	.00010	ppm	0.0015	1,553.4848
Sb	.00056	ppm	0.0016	286.0341
Se	.00027	ppm	0.0028	1,020.2514
Si	5.5587	ppm	0.0343	0.6171
Sn	-.00034	ppm	0.0005	139.5677
Sr	1.7629	ppm	0.0086	0.4857
Ti	.00206	ppm	0.0031	150.7632
Tl	-.00141	ppm	0.0005	32.0916
V_	.00357	ppm	0.0001	4.0033
Zn	.00678	ppm	0.0001	2.0617
In2306	2694.6	Cts/S	9.6328	0.3575
Y_2243	6566.1	Cts/S	29.1379	0.4438
Y_3600	94133.	Cts/S	199.9024	0.2124
Y_3710	14931.	Cts/S	255.9725	1.7143

L2CVVP5

Acquire Date: 04-Jun-2010 2:10 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00049	ppm	0.0005	96.4241
Al	.00361	ppm	0.0023	64.2630
As	-.00131	ppm	0.0018	135.0707
B_	.00514	ppm	0.0002	4.7709
Ba	.02211	ppm	0.0002	0.8097
Be	-.00035	ppm	0.0000	13.1044
Ca	21.096	ppm	0.0557	0.2640
Cd	-.00004	ppm	0.0001	245.3542
Co	.00004	ppm	0.0001	178.8968
Cr	.00041	ppm	0.0003	66.0223
Cu	.00010	ppm	0.0011	1,072.1507
Fe	.00121	ppm	0.0006	48.9120
K_	3.5611	ppm	0.0709	1.9897
Li	.00306	ppm	0.0014	45.1988
Mg	3.1776	ppm	0.0125	0.3931
Mn	-.00007	ppm	0.0000	30.7610
Mo	.00195	ppm	0.0002	7.8590
Na	100.51	ppm	0.1846	0.1837
Ni	.00008	ppm	0.0002	298.5553
Pb	-.00035	ppm	0.0008	218.7090
Sb	.00084	ppm	0.0012	142.7859
Se	.00028	ppm	0.0010	358.8331
Si	1.1030	ppm	0.0078	0.7052
Sn	-.00028	ppm	0.0001	34.7505
Sr	.35191	ppm	0.0009	0.2459
Ti	-.00108	ppm	0.0022	200.2753
Tl	-.00189	ppm	0.0004	22.4835
V_	.00046	ppm	0.0002	50.9898
Zn	.00130	ppm	0.0001	5.6647
In2306	2876.5	Cts/S	19.1743	0.6666
Y_2243	6656.2	Cts/S	43.8952	0.6595
Y_3600	97894.	Cts/S	1,019.7559	1.0417
Y_3710	14565.	Cts/S	99.4406	0.6827

L2CVVS

Acquire Date: 04-Jun-2010 2:14 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05116	ppm	0.0001	0.2091
Al	2.0535	ppm	0.0094	0.4591
As	2.1408	ppm	0.0019	0.0892
B_	1.0232	ppm	0.0017	0.1680
Ba	2.0846	ppm	0.0021	0.0991
Be	.05010	ppm	0.0001	0.1517
Ca	105.79	ppm	0.2666	0.2520
Cd	.04893	ppm	0.0001	0.1998
Co	.53059	ppm	0.0015	0.2873
Cr	.20509	ppm	0.0006	0.2771
Cu	.24525	ppm	0.0035	1.4299
Fe	1.0465	ppm	0.0046	0.4431
K_	18.301	ppm	0.0542	0.2963
Li	1.0194	ppm	0.0028	0.2782
Mg	16.075	ppm	0.0401	0.2495
Mn	.49513	ppm	0.0016	0.3290
Mo	.01252	ppm	0.0003	2.2450
Na	492.26	ppm	11.4994	2.3361
Ni	.52892	ppm	0.0011	0.2135
Pb	.50898	ppm	0.0014	0.2840
Sb	.00036	ppm	0.0019	518.3929
Se	2.1047	ppm	0.0037	0.1740
Si	5.6446	ppm	0.0160	0.2829
Sn	-.00010	ppm	0.0004	339.1706
Sr	2.7434	ppm	0.0134	0.4902
Ti	.00275	ppm	0.0003	12.0176
Tl	1.9686	ppm	0.0053	0.2688
V_	.52092	ppm	0.0007	0.1280
Zn	.51540	ppm	0.0015	0.2860
In2306	2709.5	Cts/S	14.6620	0.5411
Y_2243	6645.4	Cts/S	38.6347	0.5814
Y_3600	94586.	Cts/S	273.5219	0.2892
Y_3710	15282.	Cts/S	162.4167	1.0628

L2CVVD

Acquire Date: 04-Jun-2010 2:19 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05240	ppm	0.0004	0.7544
Al	2.1816	ppm	0.0048	0.2211
As	2.2104	ppm	0.0083	0.3755
B_	1.0597	ppm	0.0007	0.0697
Ba	2.1412	ppm	0.0039	0.1810
Be	.05172	ppm	0.0002	0.4478
Ca	105.08	ppm	0.3143	0.2991
Cd	.05017	ppm	0.0001	0.1800
Co	.54402	ppm	0.0008	0.1415
Cr	.21126	ppm	0.0004	0.1735
Cu	.25657	ppm	0.0014	0.5326
Fe	1.0816	ppm	0.0033	0.3074
K_	18.331	ppm	0.0913	0.4981
Li	1.0539	ppm	0.0018	0.1704
Mg	15.916	ppm	0.0174	0.1095
Mn	.51126	ppm	0.0012	0.2342
Mo	.01263	ppm	0.0001	0.7762
Na	487.44	ppm	2.1585	0.4428
Ni	.56928	ppm	0.0014	0.2443
Pb	.52519	ppm	0.0028	0.5390
Sb	-.00011	ppm	0.0011	929.5623
Se	2.1555	ppm	0.0049	0.2265
Si	5.6058	ppm	0.0139	0.2481
Sn	-.00012	ppm	0.0003	274.1270
Sr	2.7719	ppm	0.0078	0.2805
Ti	.00273	ppm	0.0023	84.1030
Tl	2.0353	ppm	0.0073	0.3584
V_	.53620	ppm	0.0007	0.1360
Zn	.53350	ppm	0.0011	0.2070
In2306	2689.7	Cts/S	19.3921	0.7210
Y_2243	6564.8	Cts/S	47.1010	0.7175
Y_3600	95002.	Cts/S	1,038.9221	1.0936
Y_3710	15132.	Cts/S	107.8891	0.7130

L2DVNBF

Acquire Date: 04-Jun-2010 2:23 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00021	ppm	0.0004	192.9523
Al	.00209	ppm	0.0136	650.6603
As	.00008	ppm	0.0009	1,081.8227
B_	.00270	ppm	0.0004	15.9036
Ba	-.00053	ppm	0.0002	33.3002
Be	-.00035	ppm	0.0001	17.2412
Ca	-.00512	ppm	0.0057	112.1076
Cd	-.00004	ppm	0.0000	126.5754
Co	.00006	ppm	0.0002	290.4604
Cr	-.00054	ppm	0.0002	40.8578
Cu	-.00019	ppm	0.0013	682.6077
Fe	-.00216	ppm	0.0007	31.7473
K_	.17452	ppm	0.0455	26.0705
Li	.00047	ppm	0.0010	214.3517
Mg	-.01389	ppm	0.0134	96.5977
Mn	-.00072	ppm	0.0004	57.3272
Mo	-.00091	ppm	0.0003	28.8004
Na	.35731	ppm	0.0293	8.1927
Ni	-.00021	ppm	0.0003	132.4750
Pb	.00006	ppm	0.0008	1,494.1990
Sb	.00100	ppm	0.0010	98.7863
Se	.00183	ppm	0.0017	91.2896
Si	.01142	ppm	0.0044	38.1542
Sn	-.00035	ppm	0.0002	69.8308
Sr	-.00019	ppm	0.0002	93.3128
Ti	.00117	ppm	0.0009	75.6493
Tl	-.00025	ppm	0.0015	584.4617
V_	.00001	ppm	0.0001	748.7135
Zn	.00192	ppm	0.0001	3.7859
In2306	3042.0	Cts/S	6.0352	0.1984
Y_2243	6878.4	Cts/S	20.8408	0.3030
Y_3600	101930.	Cts/S	576.1406	0.5652
Y_3710	15259.	Cts/S	111.2658	0.7292

L2DVNCF

Acquire Date: 04-Jun-2010 2:27 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05036	ppm	0.0002	0.4563
Al	2.1045	ppm	0.0076	0.3628
As	2.0841	ppm	0.0033	0.1572
B_	1.0442	ppm	0.0040	0.3815
Ba	2.0356	ppm	0.0016	0.0796
Be	.05067	ppm	0.0001	0.1575
Ca	F -.00797	ppm	0.0027	33.3070
Cd	.05078	ppm	0.0000	0.0491
Co	.51772	ppm	0.0005	0.0950
Cr	.20705	ppm	0.0005	0.2269
Cu	.25659	ppm	0.0050	1.9340
Fe	1.0855	ppm	0.0035	0.3254
K_	F .11795	ppm	0.0325	27.5171
Li	1.0113	ppm	0.0035	0.3437
Mg	F -.01296	ppm	0.0168	129.2628
Mn	.51796	ppm	0.0014	0.2733
Mo	F -.00092	ppm	0.0001	9.4652
Na	F .23440	ppm	0.0076	3.2443
Ni	.52039	ppm	0.0009	0.1709
Pb	.50440	ppm	0.0029	0.5756
Sb	F -.00055	ppm	0.0006	108.6055
Se	2.1104	ppm	0.0028	0.1337
Si	F .00687	ppm	0.0033	48.4126
Sn	F .00033	ppm	0.0002	51.6913
Sr	1.0293	ppm	0.0019	0.1868
Ti	F .00006	ppm	0.0016	2,548.5868
Tl	2.0533	ppm	0.0039	0.1876
V_	.51282	ppm	0.0011	0.2233
Zn	.52477	ppm	0.0019	0.3618
In2306	3022.6	Cts/S	24.1392	0.7986
Y_2243	6865.1	Cts/S	57.6657	0.8400
Y_3600	102320.	Cts/S	1,021.8503	0.9986
Y_3710	15526.	Cts/S	150.4235	0.9688

L2CJ2F

Acquire Date: 04-Jun-2010 2:32 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00039	ppm	0.0007	179.5837
Al	.01273	ppm	0.0058	45.5523
As	.00056	ppm	0.0015	264.2593
B_	.63454	ppm	0.0007	0.1180
Ba	.17710	ppm	0.0004	0.2163
Be	-.00037	ppm	0.0000	8.4445
Ca	38.871	ppm	0.2057	0.5292
Cd	-.00011	ppm	0.0001	46.7588
Co	.00019	ppm	0.0001	62.1219
Cr	.00030	ppm	0.0002	69.5797
Cu	.00058	ppm	0.0024	416.4199
Fe	.05031	ppm	0.0009	1.7314
K_	5.8922	ppm	0.1101	1.8683
Li	.02150	ppm	0.0016	7.3502
Mg	13.130	ppm	0.0320	0.2436
Mn	.01901	ppm	0.0003	1.6764
Mo	-.00066	ppm	0.0001	20.7892
Na	34.454	ppm	0.1158	0.3360
Ni	.00031	ppm	0.0001	40.3717
Pb	.00059	ppm	0.0006	108.1725
Sb	.00042	ppm	0.0002	50.6292
Se	.00237	ppm	0.0006	25.5984
Si	6.7963	ppm	0.0304	0.4475
Sn	.00016	ppm	0.0005	293.3954
Sr	.66055	ppm	0.0027	0.4049
Ti	.00023	ppm	0.0013	591.3584
Tl	-.00067	ppm	0.0008	113.4417
V_	-.00014	ppm	0.0004	305.6760
Zn	.00007	ppm	0.0001	103.9316
In2306	2915.5	Cts/S	22.1844	0.7609
Y_2243	6728.1	Cts/S	46.3741	0.6893
Y_3600	99265.	Cts/S	629.2328	0.6339
Y_3710	15106.	Cts/S	100.8827	0.6678

L2CJ2P5F

Acquire Date: 04-Jun-2010 2:36 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00071	ppm	0.0006	81.1361
Al	.00163	ppm	0.0164	1,005.6418
As	-.00229	ppm	0.0009	38.6239
B_	.12303	ppm	0.0002	0.1738
Ba	.03493	ppm	0.0001	0.3391
Be	-.00035	ppm	0.0001	16.2037
Ca	7.8512	ppm	0.0307	0.3916
Cd	-.00006	ppm	0.0000	33.9822
Co	-.00018	ppm	0.0001	63.0797
Cr	-.00015	ppm	0.0002	157.9906
Cu	-.00136	ppm	0.0022	160.9617
Fe	.01091	ppm	0.0033	30.5310
K_	1.2073	ppm	0.0815	6.7478
Li	.00222	ppm	0.0023	104.8662
Mg	2.6180	ppm	0.0095	0.3628
Mn	.00337	ppm	0.0003	9.6924
Mo	-.00094	ppm	0.0002	22.9358
Na	6.9740	ppm	0.0187	0.2676
Ni	.00130	ppm	0.0002	17.7130
Pb	-.00084	ppm	0.0002	29.4451
Sb	.00078	ppm	0.0006	77.3300
Se	-.00074	ppm	0.0014	195.1985
Si	1.3519	ppm	0.0082	0.6040
Sn	.00032	ppm	0.0003	89.6144
Sr	.13308	ppm	0.0007	0.5339
Ti	-.00161	ppm	0.0013	81.5146
Tl	-.00107	ppm	0.0011	100.4439
V_	-.00050	ppm	0.0002	41.8909
Zn	.00090	ppm	0.0002	19.6723
In2306	2990.9	Cts/S	23.5917	0.7888
Y_2243	6719.0	Cts/S	53.9028	0.8022
Y_3600	99849.	Cts/S	1,559.4352	1.5618
Y_3710	14666.	Cts/S	218.1676	1.4876

L2CJ2SF

Acquire Date: 04-Jun-2010 2:40 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.04972	ppm	0.0006	1.1369
Al	2.1021	ppm	0.0027	0.1265
As	2.1067	ppm	0.0099	0.4688
B_	1.6695	ppm	0.0033	0.1991
Ba	2.1840	ppm	0.0032	0.1482
Be	.05130	ppm	0.0001	0.1697
Ca	38.095	ppm	0.0444	0.1166
Cd	.04963	ppm	0.0002	0.3064
Co	.51504	ppm	0.0009	0.1811
Cr	.20471	ppm	0.0006	0.2710
Cu	.25112	ppm	0.0018	0.7336
Fe	1.1532	ppm	0.0055	0.4733
K_	5.8502	ppm	0.0092	0.1567
Li	1.0316	ppm	0.0026	0.2511
Mg	12.760	ppm	0.0430	0.3370
Mn	.52657	ppm	0.0011	0.2015
Mo	-.00069	ppm	0.0001	17.9010
Na	33.560	ppm	0.0364	0.1086
Ni	.51534	ppm	0.0005	0.0990
Pb	.50036	ppm	0.0019	0.3887
Sb	-.00149	ppm	0.0004	23.5128
Se	2.1112	ppm	0.0057	0.2681
Si	6.6458	ppm	0.0086	0.1297
Sn	.00001	ppm	0.0007	8,552.0606
Sr	1.6746	ppm	0.0031	0.1877
Ti	.00111	ppm	0.0018	163.1873
Tl	2.0294	ppm	0.0062	0.3048
V_	.51533	ppm	0.0011	0.2102
Zn	.51305	ppm	0.0013	0.2546
In2306	2930.1	Cts/S	17.5214	0.5980
Y_2243	6794.4	Cts/S	49.5139	0.7287
Y_3600	98654.	Cts/S	469.4370	0.4758
Y_3710	15414.	Cts/S	147.5302	0.9571

L2CJ2DF

Acquire Date: 04-Jun-2010 2:45 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05057	ppm	0.0003	0.6660
Al	2.1244	ppm	0.0094	0.4433
As	2.1599	ppm	0.0051	0.2379
B_	1.7002	ppm	0.0012	0.0692
Ba	2.2077	ppm	0.0006	0.0290
Be	.05190	ppm	0.0001	0.2020
Ca	37.585	ppm	0.1234	0.3283
Cd	.05053	ppm	0.0002	0.3866
Co	.52144	ppm	0.0009	0.1796
Cr	.20947	ppm	0.0009	0.4231
Cu	.25225	ppm	0.0025	0.9865
Fe	1.1369	ppm	0.0053	0.4660
K_	5.6509	ppm	0.0458	0.8104
Li	1.0463	ppm	0.0008	0.0806
Mg	12.603	ppm	0.0340	0.2701
Mn	.53249	ppm	0.0004	0.0778
Mo	-.00085	ppm	0.0000	5.2716
Na	33.360	ppm	0.0905	0.2713
Ni	.52299	ppm	0.0004	0.0814
Pb	.50785	ppm	0.0008	0.1560
Sb	.00004	ppm	0.0002	585.8779
Se	2.1494	ppm	0.0026	0.1221
Si	6.5843	ppm	0.0096	0.1457
Sn	.00009	ppm	0.0006	719.6382
Sr	1.6766	ppm	0.0034	0.2005
Ti	.00050	ppm	0.0015	291.7283
Tl	2.0836	ppm	0.0051	0.2428
V_	.52538	ppm	0.0003	0.0548
Zn	.52820	ppm	0.0008	0.1552
In2306	2917.2	Cts/S	13.8135	0.4735
Y_2243	6727.4	Cts/S	36.3075	0.5397
Y_3600	98303.	Cts/S	279.0457	0.2839
Y_3710	15312.	Cts/S	240.7463	1.5722

CCV1-6

Acquire Date: 04-Jun-2010 2:49 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0092	ppm	0.0011	0.1108
Al	26.349	ppm	0.0711	0.2697
As	F .55079	ppm	0.0051	0.9223
B_	2.0771	ppm	0.0025	0.1214
Ba	2.0203	ppm	0.0029	0.1443
Be	2.0668	ppm	0.0043	0.2057
Ca	52.316	ppm	0.1488	0.2844
Cd	.48860	ppm	0.0002	0.0461
Co	2.0921	ppm	0.0030	0.1422
Cr	2.0510	ppm	0.0018	0.0874
Cu	2.0362	ppm	0.0095	0.4660
Fe	26.265	ppm	0.0276	0.1051
K_	131.54	ppm	0.4143	0.3150
Li	2.0621	ppm	0.0028	0.1348
Mg	51.227	ppm	0.1464	0.2858
Mn	2.0073	ppm	0.0073	0.3631
Mo	2.0134	ppm	0.0009	0.0449
Na	127.80	ppm	0.1562	0.1222
Ni	2.0897	ppm	0.0015	0.0704
Pb	.50969	ppm	0.0007	0.1455
Sb	.51462	ppm	0.0011	0.2066
Se	.51845	ppm	0.0012	0.2312
Si	2.0365	ppm	0.0065	0.3188
Sn	1.9761	ppm	0.0037	0.1884
Sr	2.0715	ppm	0.0073	0.3504
Ti	2.0551	ppm	0.0048	0.2315
Tl	1.0253	ppm	0.0015	0.1463
V_	2.0831	ppm	0.0015	0.0705
Zn	2.0379	ppm	0.0037	0.1828
In2306	2710.0	Cts/S	5.6469	0.2084
Y_2243	6509.3	Cts/S	15.9467	0.2450
Y_3600	95021.	Cts/S	1,260.5753	1.3266
Y_3710	14416.	Cts/S	155.4657	1.0785

CCB6

Acquire Date: 04-Jun-2010 2:53 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00025	ppm	0.0003	118.7148
Al	.01810	ppm	0.0054	29.6752
As	-.00092	ppm	0.0025	267.7527
B_	.00481	ppm	0.0002	3.3134
Ba	.00065	ppm	0.0003	39.5353
Be	.00013	ppm	0.0000	33.7819
Ca	.02441	ppm	0.0039	16.1498
Cd	.00014	ppm	0.0000	22.1921
Co	.00051	ppm	0.0002	37.8860
Cr	.00052	ppm	0.0002	35.2426
Cu	.00011	ppm	0.0010	911.8218
Fe	.01030	ppm	0.0015	14.5106
K_	.04945	ppm	0.0931	188.3538
Li	-.00107	ppm	0.0008	76.3204
Mg	.01191	ppm	0.0229	192.6021
Mn	.00027	ppm	0.0003	102.8773
Mo	.00156	ppm	0.0002	14.1311
Na	.17489	ppm	0.0084	4.8039
Ni	.00044	ppm	0.0002	48.3416
Pb	-.00092	ppm	0.0007	73.8456
Sb	.00083	ppm	0.0006	71.9174
Se	.00052	ppm	0.0027	519.8370
Si	.00071	ppm	0.0052	737.2359
Sn	.00108	ppm	0.0004	40.4796
Sr	.00012	ppm	0.0001	64.5848
Ti	.00207	ppm	0.0008	36.7295
Tl	.00094	ppm	0.0007	76.9717
V_	.00030	ppm	0.0003	102.3261
Zn	.00030	ppm	0.0001	27.5543
In2306	2987.8	Cts/S	6.2339	0.2086
Y_2243	6753.1	Cts/S	12.1727	0.1803
Y_3600	100080.	Cts/S	158.6988	0.1586
Y_3710	14810.	Cts/S	32.7818	0.2214

L2CJ6F

Acquire Date: 04-Jun-2010 2:57 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00031	ppm	0.0005	152.9935
Al	.00927	ppm	0.0042	45.0448
As	.00061	ppm	0.0014	230.1065
B_	1.2035	ppm	0.0019	0.1598
Ba	.02882	ppm	0.0002	0.5935
Be	-.00011	ppm	0.0001	51.0040
Ca	65.609	ppm	0.1177	0.1794
Cd	-.00003	ppm	0.0000	138.3449
Co	.00036	ppm	0.0001	16.9523
Cr	.00081	ppm	0.0005	65.4837
Cu	.00929	ppm	0.0018	19.2418
Fe	.01693	ppm	0.0006	3.6267
K_	.52606	ppm	0.0617	11.7205
Li	.02462	ppm	0.0006	2.4017
Mg	33.644	ppm	0.0394	0.1171
Mn	.08465	ppm	0.0004	0.4531
Mo	.00074	ppm	0.0002	30.3580
Na	18.568	ppm	0.0397	0.2137
Ni	.00143	ppm	0.0001	10.0753
Pb	.00162	ppm	0.0005	30.6554
Sb	.00035	ppm	0.0006	164.1923
Se	.00036	ppm	0.0010	283.5586
Si	8.7790	ppm	0.0165	0.1882
Sn	-.00003	ppm	0.0004	1,474.3841
Sr	.16406	ppm	0.0002	0.1306
Ti	.00088	ppm	0.0011	127.4883
Tl	-.00078	ppm	0.0006	74.9775
V_	-.00003	ppm	0.0003	1,094.7650
Zn	.05505	ppm	0.0002	0.3695
In2306	2939.3	Cts/S	16.8008	0.5716
Y_2243	6834.6	Cts/S	41.5289	0.6076
Y_3600	101300.	Cts/S	431.4013	0.4259
Y_3710	15417.	Cts/S	65.2421	0.4232

L2CJ7F

Acquire Date: 04-Jun-2010 3:02 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00053	ppm	0.0004	79.6566
Al	.00498	ppm	0.0097	195.1318
As	.00110	ppm	0.0010	92.7888
B_	.31209	ppm	0.0013	0.4240
Ba	.01802	ppm	0.0005	2.5391
Be	-.00021	ppm	0.0001	25.2383
Ca	68.809	ppm	0.1859	0.2702
Cd	.00006	ppm	0.0000	18.7741
Co	.00009	ppm	0.0004	397.0728
Cr	.00006	ppm	0.0003	482.6584
Cu	.04319	ppm	0.0014	3.3174
Fe	.00221	ppm	0.0018	80.7512
K_	16.903	ppm	0.1711	1.0120
Li	.06694	ppm	0.0017	2.5816
Mg	27.137	ppm	0.0361	0.1329
Mn	.02148	ppm	0.0002	1.1418
Mo	.00323	ppm	0.0003	8.3270
Na	58.548	ppm	0.1131	0.1932
Ni	.00208	ppm	0.0004	17.7173
Pb	.00052	ppm	0.0004	81.4297
Sb	-.00093	ppm	0.0021	227.9361
Se	-.00030	ppm	0.0028	925.8974
Si	7.5796	ppm	0.0259	0.3414
Sn	.00007	ppm	0.0003	449.7041
Sr	.75533	ppm	0.0017	0.2194
Ti	.00128	ppm	0.0019	148.3499
Tl	-.00099	ppm	0.0004	40.0195
V_	.00017	ppm	0.0002	117.7367
Zn	.29104	ppm	0.0009	0.3142
In2306	2878.4	Cts/S	25.5751	0.8885
Y_2243	6717.8	Cts/S	55.0006	0.8187
Y_3600	98366.	Cts/S	972.1204	0.9883
Y_3710	15079.	Cts/S	163.3986	1.0836

L2CJ8F

Acquire Date: 04-Jun-2010 3:06 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00014	ppm	0.0001	106.5773
Al	.12046	ppm	0.0090	7.5051
As	.00830	ppm	0.0020	24.1062
B_	.42201	ppm	0.0002	0.0396
Ba	.04246	ppm	0.0006	1.5050
Be	-.00023	ppm	0.0001	24.3901
Ca	125.00	ppm	1.9231	1.5385
Cd	-.00006	ppm	0.0000	46.5261
Co	.00040	ppm	0.0003	85.4977
Cr	-.00017	ppm	0.0003	173.6447
Cu	-.00013	ppm	0.0015	1,147.4701
Fe	1.2217	ppm	0.0057	0.4674
K_	2.0680	ppm	0.1218	5.8888
Li	.04458	ppm	0.0002	0.5552
Mg	51.612	ppm	0.1678	0.3250
Mn	.39079	ppm	0.0020	0.5124
Mo	.00048	ppm	0.0001	16.2885
Na	53.634	ppm	0.1820	0.3394
Ni	.00184	ppm	0.0002	12.3799
Pb	.00070	ppm	0.0005	68.9387
Sb	.00030	ppm	0.0008	285.9660
Se	.00231	ppm	0.0008	32.7491
Si	6.5750	ppm	0.0200	0.3046
Sn	-.00035	ppm	0.0002	44.3660
Sr	.35460	ppm	0.0020	0.5686
Ti	.00396	ppm	0.0014	36.0166
Tl	-.00168	ppm	0.0014	85.8274
V_	.00001	ppm	0.0003	2,964.8463
Zn	.01324	ppm	0.0001	0.4089
In2306	2805.1	Cts/S	4.3011	0.1533
Y_2243	6617.0	Cts/S	9.5875	0.1449
Y_3600	97391.	Cts/S	718.3382	0.7376
Y_3710	15202.	Cts/S	19.4026	0.1276

CCV1-7

Acquire Date: 04-Jun-2010 3:11 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0144	ppm	0.0035	0.3426
Al	26.159	ppm	0.0893	0.3414
As	F .55260	ppm	0.0021	0.3827
B_	2.0818	ppm	0.0029	0.1374
Ba	2.0378	ppm	0.0033	0.1642
Be	2.0733	ppm	0.0056	0.2678
Ca	52.161	ppm	0.1400	0.2684
Cd	.49072	ppm	0.0006	0.1218
Co	2.1027	ppm	0.0015	0.0714
Cr	2.0512	ppm	0.0073	0.3575
Cu	2.0171	ppm	0.0047	0.2337
Fe	26.290	ppm	0.0098	0.0373
K_	130.21	ppm	0.3367	0.2585
Li	2.0635	ppm	0.0057	0.2782
Mg	51.432	ppm	0.0633	0.1231
Mn	2.0175	ppm	0.0030	0.1475
Mo	2.0278	ppm	0.0027	0.1339
Na	128.16	ppm	0.3442	0.2686
Ni	2.0989	ppm	0.0018	0.0880
Pb	.51003	ppm	0.0009	0.1840
Sb	.51501	ppm	0.0010	0.2028
Se	.51802	ppm	0.0022	0.4277
Si	2.0390	ppm	0.0032	0.1548
Sn	1.9824	ppm	0.0024	0.1191
Sr	2.0622	ppm	0.0069	0.3338
Ti	2.0522	ppm	0.0060	0.2910
Tl	1.0218	ppm	0.0037	0.3598
V_	2.0882	ppm	0.0046	0.2213
Zn	2.0363	ppm	0.0018	0.0886
In2306	2684.1	Cts/S	16.2881	0.6068
Y_2243	6436.4	Cts/S	39.7545	0.6177
Y_3600	94048.	Cts/S	917.8790	0.9760
Y_3710	14574.	Cts/S	122.9549	0.8436

CCB7

Acquire Date: 04-Jun-2010 3:15 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.00004	ppm	0.0003	645.1907
Al	.02429	ppm	0.0085	34.8457
As	.00004	ppm	0.0008	2,133.9010
B_	.00370	ppm	0.0005	13.4428
Ba	.00088	ppm	0.0001	15.3137
Be	.00020	ppm	0.0000	8.4422
Ca	.02610	ppm	0.0007	2.7309
Cd	.00011	ppm	0.0000	22.5851
Co	.00044	ppm	0.0002	38.4467
Cr	.00051	ppm	0.0001	29.0016
Cu	-.00092	ppm	0.0013	140.1063
Fe	.01044	ppm	0.0011	10.0801
K_	.11272	ppm	0.0416	36.8773
Li	-.00093	ppm	0.0005	51.6814
Mg	.03119	ppm	0.0181	58.1251
Mn	.00031	ppm	0.0002	66.5373
Mo	.00151	ppm	0.0002	14.5118
Na	.15865	ppm	0.0110	6.9266
Ni	.00062	ppm	0.0003	45.2065
Pb	-.00158	ppm	0.0004	26.3985
Sb	.00035	ppm	0.0015	427.1215
Se	-.00026	ppm	0.0003	131.5077
Si	.00348	ppm	0.0034	97.6319
Sn	.00084	ppm	0.0003	36.5754
Sr	.00027	ppm	0.0001	31.4410
Ti	-.00092	ppm	0.0007	75.2729
Tl	-.00073	ppm	0.0005	71.5921
V_	.00015	ppm	0.0003	233.0938
Zn	.00000	ppm	0.0001	1,526.9083
In2306	3017.0	Cts/S	3.2699	0.1084
Y_2243	6809.2	Cts/S	11.9214	0.1751
Y_3600	100380.	Cts/S	113.8098	0.1134
Y_3710	14621.	Cts/S	52.2505	0.3574

Sample Name: STD1 Acquired: 6/4/2010 9:42:17 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00174**	**.00130**	**.00027**	**.00171**	**.02056**
Stddev	.00007	.00022	.00002	.00008	.00054
%RSD	3.7936	16.849	6.5794	4.3905	2.6167
#1	-.00167	.00143	.00029	.00179	.02071
#2	-.00178	.00141	.00027	.00169	.01997
#3	-.00179	.00104	.00026	.00165	.02101

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00217**	**.00842**	**.00085**	**.00252**	**.00016**
Stddev	.00039	.00024	.00016	.00005	.00005
%RSD	17.740	2.8932	18.335	2.1761	29.964
#1	.00262	.00851	.00098	.00249	.00013
#2	.00195	.00814	.00090	.00249	.00014
#3	.00195	.00860	.00068	.00259	.00021

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00188**	**.00056**	**.01410**	**-.00007**	**-.00017**
Stddev	.00018	.00010	.00113	.00044	.00026
%RSD	9.3556	17.567	8.0218	635.36	155.81
#1	.00197	.00066	.01534	.00010	.00001
#2	.00199	.00057	.01384	-.00057	-.00004
#3	.00168	.00046	.01313	.00026	-.00047

Sample Name: STD1 Acquired: 6/4/2010 9:42:17 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00011**	**.00092**	**.01187**	**.00021**	**-.00037**
Stddev	.00029	.00011	.00080	.00024	.00019
%RSD	255.30	11.526	6.7035	110.41	50.436
#1	.00020	.00104	.01271	-.00003	-.00043
#2	.00035	.00088	.01178	.00023	-.00052
#3	-.00021	.00083	.01112	.00044	-.00016

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00019**	**.00042**	**.00017**	**.00012**	**.00389**
Stddev	.00014	.00012	.00025	.00008	.00060
%RSD	73.994	28.066	150.00	72.928	15.281
#1	.00031	.00046	.00016	.00010	.00430
#2	.00022	.00051	.00043	.00004	.00417
#3	.00004	.00029	-.00008	.00021	.00321

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00174**	**.00047**	**.00026**	**.00172**
Stddev	.00022	.00014	.00006	.00019
%RSD	12.829	30.111	23.331	11.310
#1	-.00174	.00062	.00020	.00189
#2	-.00196	.00046	.00025	.00151
#3	-.00151	.00034	.00032	.00176

Sample Name: STD1 Acquired: 6/4/2010 9:42:17 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2960.8**	**6686.7**	**99358.**	**14796.**
Stddev	10.7	26.9	361.	81.
%RSD	.36097	.40235	.36352	.54680
#1	2948.7	6657.9	99767.	14711.
#2	2968.8	6711.2	99222.	14872.
#3	2964.9	6691.0	99084.	14805.

Sample Name: STD2 Acquired: 6/4/2010 9:46:42 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag	As	Cd	Pb	Sb	Se
Line	328.068 {103}	189.042 {479}	214.438 {457}	220.353 {453}	206.833 {463}	196.090 {472}
IS Ref	(Y_3600)	(Y_2243)	(Y_2243)	(In2306)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.44751**	**.05001**	**3.2540**	**.56069**	**.11664**	**.06002**
Stddev	.00096	.00021	.0066	.00035	.00023	.00023
%RSD	.21445	.42483	.20230	.06314	.19560	.37567
#1	.44854	.05013	3.2585	.56029	.11691	.05998
#2	.44735	.04976	3.2465	.56097	.11652	.05981
#3	.44664	.05012	3.2570	.56080	.11651	.06026

Elem	Tl
Line	190.856 {477}
IS Ref	(In2306)
Units	Cts/S
Avg	**.52933**
Stddev	.00101
%RSD	.19043
#1	.53033
#2	.52831
#3	.52934

Int. Std.	In2306	Y_2243	Y_3600
Line	230.606 {446}	224.306 {450}	360.073 { 94}
Units	Cts/S	Cts/S	Cts/S
Avg	**2989.0**	**6800.8**	**100510.**
Stddev	4.8	20.3	172.
%RSD	.16195	.29837	.17071
#1	2987.2	6789.6	100410.
#2	2994.4	6824.2	100420.
#3	2985.2	6788.5	100710.

Sample Name: STD3 Acquired: 6/4/2010 9:51:01 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al	Ca	Fe	K_	Mg	Na
Line	396.152 { 85}	317.933 {106}	259.940 {130}	769.896 { 44}	279.079 {121}	589.592 { 57}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.9815**	**16.112**	**5.2275**	**3.2001**	**1.5464**	**28.510**
Stddev	.0126	.043	.0105	.0115	.0014	.419
%RSD	.42105	.26821	.20059	.35895	.09297	1.4691
#1	2.9815	16.140	5.2295	3.1986	1.5476	28.033
#2	2.9690	16.062	5.2161	3.1894	1.5448	28.680
#3	2.9941	16.135	5.2368	3.2123	1.5468	28.818

Int. Std.	Y_3710
Line	371.030 { 91}
Units	Cts/S
Avg	**14824.**
Stddev	129.
%RSD	.87051
#1	14927.
#2	14867.
#3	14679.

Sample Name: STD4 Acquired: 6/4/2010 9:55:31 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	B_	Ba	Be	Co	Cr
Line	208.959 {461}	455.403 { 74}	313.042 {108}	228.616 {447}	267.716 {126}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(In2306)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.3920**	**9.6970**	**24.679**	**8.8530**	**.64574**
Stddev	.0012	.0142	.139	.0095	.00058
%RSD	.08882	.14612	.56324	.10706	.08939
#1	1.3909	9.7022	24.787	8.8634	.64578
#2	1.3917	9.7078	24.522	8.8505	.64515
#3	1.3934	9.6810	24.727	8.8449	.64630

Elem	Cu	Li	Mn	Mo	Ni
Line	324.754 {104}2	670.784 { 50}	257.610 {131}2	202.030 {467}	231.604 {445}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.65586**	**2.9176**	**2.3391**	**2.7813**	**4.5379**
Stddev	.00315	.0080	.0031	.0022	.0040
%RSD	.47964	.27537	.13023	.07935	.08808
#1	.65228	2.9092	2.3414	2.7838	4.5419
#2	.65709	2.9252	2.3403	2.7808	4.5377
#3	.65820	2.9183	2.3357	2.7794	4.5340

Elem	Si	Sn	Sr	Ti	V_
Line	251.611 {134}	189.989 {477}	407.771 { 83}	334.904 {101}	292.402 {115}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.13516**	**.70317**	**27.390**	**.82248**	**.84590**
Stddev	.00061	.00064	.204	.00273	.00054
%RSD	.45194	.09131	.74647	.33172	.06413
#1	.13504	.70337	27.619	.81938	.84541
#2	.13582	.70369	27.225	.82452	.84648
#3	.13461	.70246	27.327	.82354	.84581

Sample Name: STD4 Acquired: 6/4/2010 9:55:31 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zn
Line	206.200 {463}
IS Ref	(Y_2243)
Units	Cts/S
Avg	**3.9930**
Stddev	.0008
%RSD	.01975
#1	3.9930
#2	3.9923
#3	3.9939

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2964.1**	**6665.2**	**98884.**	**14824.**
Stddev	5.2	17.8	306.	28.
%RSD	.17569	.26769	.30947	.19194
#1	2960.5	6650.8	98554.	14793.
#2	2961.8	6659.6	99158.	14830.
#3	2970.1	6685.2	98940.	14849.

Sample Name: ICV1-1 MET2413-10 Acquired: 6/4/2010 10:00:03 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.48375**	**12.509**	**.25969**	**1.0145**	**.98248**
Stddev	.00180	.046	.00163	.0028	.00245
%RSD	.37111	.36918	.62782	.27254	.24932
#1	.48535	12.557	.26124	1.0177	.98525
#2	.48181	12.504	.25983	1.0132	.98063
#3	.48409	12.465	.25799	1.0126	.98155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99433**	**25.432**	**.24564**	**1.0325**	**.99729**
Stddev	.00122	.047	.00039	.0024	.00487
%RSD	.12311	.18457	.16076	.22960	.48854
#1	.99574	25.480	.24587	1.0340	1.0026
#2	.99354	25.429	.24587	1.0338	.99302
#3	.99372	25.386	.24519	1.0298	.99626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICV1-1 MET2413-10 Acquired: 6/4/2010 10:00:03 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99097**	**12.982**	**49.716**	**1.0008**	**24.832**
Stddev	.00455	.036	.056	.0006	.055
%RSD	.45956	.27887	.11254	.05995	.22322
#1	.99599	13.021	49.779	1.0007	24.784
#2	.98984	12.949	49.692	1.0014	24.819
#3	.98709	12.978	49.675	1.0002	24.893
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99771**	**.98336**	**49.057**	**1.0100**	**.25159**
Stddev	.00276	.00311	.032	.0030	.00170
%RSD	.27619	.31655	.06616	.29587	.67666
#1	.99866	.98665	49.095	1.0114	.25356
#2	.99460	.98297	49.035	1.0121	.25053
#3	.99986	.98046	49.042	1.0066	.25069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICV1-1 MET2413-10 Acquired: 6/4/2010 10:00:03 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25373**	**.25269**	**1.0673**	**.96529**	**1.0127**
Stddev	.00062	.00206	.0038	.00108	.0019
%RSD	.24630	.81651	.35569	.11178	.19096
#1	.25365	.25507	1.0659	.96642	1.0147
#2	.25315	.25145	1.0716	.96517	1.0125
#3	.25439	.25154	1.0644	.96428	1.0109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.98570**	**.50464**	**1.0052**	**.96457**
Stddev	.00265	.00155	.0035	.00226
%RSD	.26874	.30671	.35122	.23395
#1	.98812	.50612	1.0092	.96715
#2	.98612	.50303	1.0024	.96300
#3	.98287	.50476	1.0041	.96355
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICV1-1 MET2413-10 Acquired: 6/4/2010 10:00:03 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2857.0**	**6757.4**	**99402.**	**15172.**
Stddev	10.6	20.5	366.	50.
%RSD	.37045	.30328	.36868	.33071
#1	2849.5	6740.1	99081.	15165.
#2	2852.4	6752.0	99801.	15226.
#3	2869.1	6780.0	99324.	15126.

Sample Name: ICV1-2 MET2413-10 Acquired: 6/4/2010 10:04:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.49526**	**12.509**	**.26488**	**1.0343**	**.99779**
Stddev	.00164	.058	.00273	.0010	.00278
%RSD	.33056	.46252	1.0295	.10141	.27842
#1	.49353	12.472	.26558	1.0345	1.0003
#2	.49545	12.480	.26718	1.0332	.99478
#3	.49679	12.576	.26187	1.0352	.99832
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0050**	**25.533**	**.24943**	**1.0468**	**1.0148**
Stddev	.0040	.149	.00044	.0012	.0024
%RSD	.40017	.58181	.17657	.11706	.23798
#1	1.0058	25.533	.24968	1.0477	1.0121
#2	1.0007	25.384	.24969	1.0473	1.0167
#3	1.0086	25.681	.24892	1.0454	1.0157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICV1-2 MET2413-10 Acquired: 6/4/2010 10:04:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.98703**	**13.091**	**49.433**	**1.0100**	**25.217**
Stddev	.01029	.041	.302	.0014	.090
%RSD	1.0430	.31685	.61083	.14358	.35733
#1	.98764	13.118	49.381	1.0115	25.313
#2	.97644	13.043	49.160	1.0086	25.135
#3	.99700	13.112	49.757	1.0100	25.202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0108**	**.99672**	**49.555**	**1.0256**	**.25727**
Stddev	.0027	.00090	.166	.0024	.00075
%RSD	.27220	.09012	.33582	.23131	.29176
#1	1.0136	.99708	49.550	1.0271	.25808
#2	1.0081	.99737	49.391	1.0270	.25660
#3	1.0107	.99569	49.724	1.0229	.25712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICV1-2 MET2413-10 Acquired: 6/4/2010 10:04:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25722**	**.25689**	**1.0745**	**.98250**	**1.0131**
Stddev	.00211	.00230	.0099	.00119	.0045
%RSD	.81993	.89677	.91853	.12073	.44199
#1	.25692	.25426	1.0779	.98330	1.0133
#2	.25947	.25857	1.0634	.98306	1.0085
#3	.25528	.25783	1.0822	.98114	1.0175
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.99021**	**.51389**	**1.0240**	**.98570**
Stddev	.00601	.00105	.0007	.00137
%RSD	.60678	.20464	.06916	.13917
#1	.99306	.51268	1.0232	.98478
#2	.98331	.51457	1.0240	.98728
#3	.99427	.51442	1.0246	.98505
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICV1-2 MET2413-10 Acquired: 6/4/2010 10:04:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2799.9**	**6599.0**	**97129.**	**15060.**
Stddev	3.4	7.8	317.	41.
%RSD	.12079	.11865	.32630	.27187
#1	2798.6	6599.6	97485.	15078.
#2	2797.4	6591.0	97022.	15089.
#3	2803.7	6606.6	96879.	15014.

Sample Name: ICB1 Acquired: 6/4/2010 10:08:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00018**	**.01455**	**-.00098**	**.00255**	**-.00064**
Stddev	.00056	.00389	.00275	.00010	.00011
%RSD	316.42	26.755	280.84	3.8829	17.533
#1	-.00042	.01650	-.00410	.00245	-.00068
#2	-.00057	.01708	.00107	.00265	-.00052
#3	.00046	.01007	.00009	.00256	-.00073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00019**	**.00150**	**-.00001**	**.00015**	**.00003**
Stddev	.00002	.00238	.00005	.00011	.00042
%RSD	12.477	158.64	892.96	74.753	1605.6
#1	-.00019	.00414	.00003	.00027	.00010
#2	-.00017	-.00047	.00002	.00004	-.00043
#3	-.00022	.00083	-.00006	.00016	.00041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: ICB1 Acquired: 6/4/2010 10:08:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00042**	**.00277**	**-.00777**	**-.00060**	**-.00164**
Stddev	.00129	.00121	.06253	.00049	.01561
%RSD	303.42	43.898	804.85	81.677	954.27
#1	-.00082	.00326	.05754	-.00068	-.00845
#2	.00034	.00138	-.01374	-.00105	-.01269
#3	.00175	.00365	-.06710	-.00007	.01623
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00018**	**.00081**	**.01026**	**.00016**	**-.00109**
Stddev	.00031	.00038	.00271	.00026	.00169
%RSD	173.42	47.480	26.433	158.99	155.44
#1	-.00054	.00125	.01180	-.00014	-.00059
#2	-.00004	.00060	.01185	.00030	-.00297
#3	.00004	.00057	.00713	.00032	.00030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: ICB1 Acquired: 6/4/2010 10:08:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00002**	**.00047**	**-.00021**	**.00014**	**-.00029**
Stddev	.00026	.00141	.00336	.00028	.00006
%RSD	1350.6	301.75	1635.9	195.16	21.793
#1	-.00005	.00050	.00187	.00020	-.00022
#2	-.00026	-.00096	-.00408	.00038	-.00030
#3	.00025	.00186	.00159	-.00016	-.00035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00160**	**.00070**	**-.00036**	**-.00042**
Stddev	.00085	.00081	.00006	.00010
%RSD	52.740	115.81	17.225	24.715
#1	-.00191	.00031	-.00030	-.00030
#2	-.00065	.00163	-.00042	-.00048
#3	-.00225	.00016	-.00037	-.00048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICB1 Acquired: 6/4/2010 10:08:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2960.1**	**6683.9**	**99308.**	**14914.**
Stddev	7.8	19.2	34.	52.
%RSD	.26407	.28660	.03445	.35007
#1	2954.8	6671.2	99346.	14919.
#2	2956.4	6674.6	99280.	14963.
#3	2969.1	6705.9	99299.	14859.

Sample Name: CRA/RLV MET2136-10 Acquired: 6/4/2010 10:12:50 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00445**	**.20187**	**.00916**	**.20459**	**.20060**
Stddev	.00058	.00996	.00063	.00032	.00057
%RSD	13.127	4.9360	6.9248	.15430	.28496
#1	.00437	.19081	.00927	.20428	.20022
#2	.00506	.20466	.00848	.20458	.20031
#3	.00390	.21015	.00973	.20491	.20126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00405**	**5.2893**	**.00504**	**.05169**	**.00546**
Stddev	.00006	.0198	.00004	.00023	.00032
%RSD	1.4760	.37346	.74253	.45013	5.7963
#1	.00406	5.3099	.00500	.05170	.00535
#2	.00399	5.2705	.00507	.05192	.00521
#3	.00411	5.2874	.00504	.05146	.00581
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CRA/RLV MET2136-10 Acquired: 6/4/2010 10:12:50 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.02616**	**.10714**	**4.9376**	**.05026**	**5.1995**
Stddev	.00039	.00130	.1110	.00145	.0127
%RSD	1.4845	1.2156	2.2476	2.8863	.24347
#1	.02658	.10727	4.8116	.04890	5.1999
#2	.02581	.10837	4.9804	.05178	5.2120
#3	.02609	.10578	5.0209	.05010	5.1867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.01548**	**.04180**	**5.1115**	**.04247**	**.00239**
Stddev	.00016	.00045	.0104	.00030	.00119
%RSD	1.0032	1.0693	.20318	.71043	49.615
#1	.01561	.04183	5.1196	.04226	.00364
#2	.01530	.04134	5.1153	.04282	.00128
#3	.01551	.04224	5.0998	.04233	.00226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CRA/RLV MET2136-10 Acquired: 6/4/2010 10:12:50 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.01123**	**.00721**	**.49227**	**.10168**	**.05091**
Stddev	.00090	.00166	.00957	.00034	.00014
%RSD	8.0303	23.084	1.9448	.33918	.27860
#1	.01130	.00909	.48860	.10129	.05106
#2	.01210	.00594	.50314	.10181	.05079
#3	.01030	.00658	.48508	.10195	.05087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.05231**	**.00902**	**.05111**	**.02153**
Stddev	.00079	.00149	.00023	.00026
%RSD	1.5148	16.536	.44416	1.1853
#1	.05139	.00870	.05085	.02128
#2	.05278	.01065	.05126	.02179
#3	.05275	.00771	.05121	.02152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRA/RLV MET2136-10 Acquired: 6/4/2010 10:12:50 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2967.1**	**6742.2**	**99893.**	**15184.**
Stddev	4.3	11.0	207.	52.
%RSD	.14619	.16349	.20745	.34037
#1	2965.2	6745.9	100010.	15166.
#2	2964.0	6729.8	99653.	15242.
#3	2972.0	6750.9	100010.	15143.

Sample Name: ICSA MET2410-10 Acquired: 6/4/2010 10:17:12 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00054**	**525.65**	**-.00065**	**-.00048**	**-.00022**
Stddev	.00031	7.49	.00387	.00147	.00016
%RSD	58.113	1.4253	593.59	307.88	70.778
#1	-.00022	518.14	-.00353	.00121	-.00039
#2	-.00085	533.12	-.00218	-.00148	-.00008
#3	-.00054	525.70	.00375	-.00117	-.00019
Check ?	None	Chk Pass	None	None	None
Value					
Range					

/20

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00023**	**493.67**	**-.00109**	**.00329**	**.00107**
Stddev	.00004	5.17	.00019	.00030	.00024
%RSD	17.404	1.0474	17.835	9.2325	22.659
#1	-.00026	488.01	-.00087	.00360	.00124
#2	-.00019	498.15	-.00116	.00299	.00119
#3	-.00024	494.86	-.00124	.00329	.00079
Check ?	None	Chk Pass	None	None	None
Value					
Range					

/20

Sample Name: ICSA MET2410-10 Acquired: 6/4/2010 10:17:12 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00309**	**196.11**	**-.06061**	**.00486**	**509.21**
Stddev	.00249	2.54	.07464	.00115	1.29
%RSD	80.750	1.2934	123.15	23.733	.25335
#1	.00255	193.91	-.00676	.00371	510.56
#2	.00581	195.52	-.02925	.00487	507.98
#3	.00091	198.88	-.14581	.00601	509.08
Check ?	None	Chk Pass	None	None	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00357**	**-.00191**	**.07149**	**.00946**	**-.00111**
Stddev	.00035	.00015	.01302	.00017	.00477
%RSD	9.8588	7.8849	18.215	1.7903	428.09
#1	.00324	-.00183	.05739	.00962	.00289
#2	.00354	-.00181	.07402	.00949	-.00639
#3	.00394	-.00208	.08306	.00928	.00016
Check ?	None	None	None	None	None
Value					
Range					

Sample Name: ICSA MET2410-10 Acquired: 6/4/2010 10:17:12 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00193**	**-.00483**	**-.00045**	**.00166**	**.00448**
Stddev	.00198	.00448	.00443	.00068	.00016
%RSD	102.67	92.750	981.36	40.972	3.6180
#1	-.00420	-.00675	.00216	.00169	.00432
#2	-.00065	-.00802	.00206	.00232	.00449
#3	-.00093	.00029	-.00557	.00096	.00465
Check ?	None	None	None	None	None
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00901**	**.00231**	**.00055**	**.00406**
Stddev	.00310	.00097	.00021	.00009
%RSD	34.396	42.171	37.835	2.2420
#1	.00698	.00342	.00067	.00417
#2	.01257	.00163	.00031	.00400
#3	.00747	.00187	.00068	.00402
Check ?	None	None	None	None
Value				
Range				

Sample Name: ICSA MET2410-10 Acquired: 6/4/2010 10:17:12 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2402.1**	**6070.2**	**87993.**	**14469.**
Stddev	2.9	14.7	275.	82.
%RSD	.12068	.24211	.31298	.56797
#1	2399.8	6058.3	87848.	14536.
#2	2405.4	6086.6	87822.	14494.
#3	2401.3	6065.8	88311.	14377.

Sample Name: ICSAB MET2201-10 Acquired: 6/4/2010 10:21:58 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0720**	**525.38**	**1.0507**	**.99067**	**.49455**
Stddev	.0023	2.71	.0014	.00285	.00098
%RSD	.21597	.51651	.13168	.28737	.19833
#1	1.0738	522.26	1.0522	.99066	.49348
#2	1.0694	526.65	1.0495	.99352	.49475
#3	1.0729	527.23	1.0503	.98783	.49541
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50399**	**491.72**	**.90994**	**.51952**	**.50928**
Stddev	.00266	5.88	.00053	.00121	.00154
%RSD	.52750	1.1949	.05841	.23383	.30205
#1	.50097	486.59	.91042	.52073	.50753
#2	.50504	490.44	.91002	.51830	.50992
#3	.50596	498.13	.90937	.51952	.51040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICSAB MET2201-10 Acquired: 6/4/2010 10:21:58 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50219**	**196.71**	**10.651**	**1.0727**	**508.07**
Stddev	.00321	1.76	.077	.0065	1.66
%RSD	.63942	.89371	.72583	.60208	.32621
#1	.49852	195.69	10.622	1.0666	506.16
#2	.50451	195.71	10.592	1.0721	508.86
#3	.50353	198.74	10.738	1.0794	509.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.48257**	**.98726**	**10.532**	**1.0361**	**1.0137**
Stddev	.00034	.00240	.062	.0014	.0029
%RSD	.07029	.24274	.58941	.13183	.28912
#1	.48234	.98977	10.467	1.0369	1.0141
#2	.48296	.98701	10.541	1.0345	1.0106
#3	.48242	.98500	10.590	1.0369	1.0164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICSAB MET2201-10 Acquired: 6/4/2010 10:21:58 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0498**	**.99779**	**.99531**	**.93668**	**1.0483**
Stddev	.0036	.00399	.00500	.00147	.0090
%RSD	.34349	.39982	.50202	.15689	.86174
#1	1.0525	.99796	.99761	.93808	1.0389
#2	1.0512	1.0017	.98958	.93682	1.0489
#3	1.0457	.99372	.99874	.93515	1.0569
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**1.0115**	**.98147**	**.50565**	**.91787**
Stddev	.0058	.00657	.00120	.00155
%RSD	.57309	.66937	.23813	.16913
#1	1.0070	.98482	.50555	.91870
#2	1.0095	.98570	.50450	.91884
#3	1.0180	.97390	.50690	.91608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICSAB MET2201-10 Acquired: 6/4/2010 10:21:58 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2393.6**	**6042.4**	**87556.**	**14344.**
Stddev	4.9	19.3	260.	101.
%RSD	.20620	.31924	.29682	.70355
#1	2388.3	6028.1	87772.	14452.
#2	2394.4	6034.9	87267.	14331.
#3	2398.1	6064.4	87628.	14251.

Sample Name: CCV1-1 MET2728-10 Acquired: 6/4/2010 10:26:32 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0049**	**25.454**	**.53938**	**2.0340**	**2.0012**
Stddev	.0032	.069	.00323	.0037	.0055
%RSD	.32234	.27122	.59894	.18035	.27245
#1	1.0020	25.505	.54307	2.0381	1.9993
#2	1.0084	25.481	.53803	2.0309	2.0074
#3	1.0042	25.375	.53704	2.0330	1.9970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0460**	**51.391**	**.48997**	**2.1057**	**1.9979**
Stddev	.0070	.203	.00088	.0029	.0015
%RSD	.34408	.39494	.17913	.13735	.07711
#1	2.0488	51.424	.49098	2.1089	1.9962
#2	2.0513	51.575	.48937	2.1047	1.9983
#3	2.0380	51.173	.48956	2.1034	1.9992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-1 MET2728-10 Acquired: 6/4/2010 10:26:32 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9616**	**25.707**	**125.63**	**2.0194**	**51.182**
Stddev	.0111	.070	.43	.0069	.105
%RSD	.56702	.27047	.33930	.33953	.20455
#1	1.9596	25.713	125.76	2.0169	51.225
#2	1.9736	25.774	125.98	2.0272	51.259
#3	1.9516	25.635	125.15	2.0142	51.063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9857**	**2.0088**	**126.53**	**2.0958**	**.50957**
Stddev	.0084	.0014	.40	.0029	.00126
%RSD	.42525	.07217	.31966	.13797	.24702
#1	1.9873	2.0104	126.39	2.0988	.50917
#2	1.9932	2.0084	126.99	2.0956	.51099
#3	1.9765	2.0076	126.22	2.0931	.50857
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-1 MET2728-10 Acquired: 6/4/2010 10:26:32 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50528**	**.52124**	**1.9965**	**1.9569**	**2.0130**
Stddev	.00066	.00361	.0085	.0032	.0081
%RSD	.13136	.69215	.42536	.16546	.40140
#1	.50573	.52538	1.9891	1.9606	2.0174
#2	.50451	.51878	1.9946	1.9548	2.0179
#3	.50559	.51956	2.0057	1.9552	2.0036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0151**	**1.0026**	**2.0402**	**1.9910**
Stddev	.0083	.0063	.0027	.0046
%RSD	.41311	.62660	.13083	.23196
#1	2.0176	1.0077	2.0399	1.9962
#2	2.0219	1.0044	2.0429	1.9892
#3	2.0058	.99557	2.0376	1.9875
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-1 MET2728-10 Acquired: 6/4/2010 10:26:32 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2703.6**	**6532.6**	**95498.**	**15008.**
Stddev	1.1	4.9	493.	91.
%RSD	.04175	.07432	.51590	.60890
#1	2702.3	6527.7	95988.	14977.
#2	2703.9	6537.5	95002.	14936.
#3	2704.5	6532.7	95503.	15111.

Sample Name: CCB1 Acquired: 6/4/2010 10:30:41 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00005**	**.03105**	**.00058**	**.00215**	**-.00046**
Stddev	.00025	.00859	.00150	.00020	.00019
%RSD	503.56	27.677	257.49	9.0719	41.032
#1	.00023	.02255	.00169	.00222	-.00029
#2	-.00024	.03973	-.00112	.00230	-.00043
#3	-.00014	.03087	.00118	.00193	-.00066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00004**	**.02938**	**.00010**	**.00018**	**.00005**
Stddev	.00004	.00621	.00002	.00009	.00041
%RSD	87.401	21.128	22.869	51.282	793.41
#1	.00004	.02350	.00009	.00029	-.00032
#2	.00009	.03587	.00009	.00012	.00050
#3	.00001	.02878	.00013	.00013	-.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB1 Acquired: 6/4/2010 10:30:41 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00091**	**.01554**	**.01071**	**-.00109**	**.01227**
Stddev	.00317	.00429	.06656	.00138	.00625
%RSD	349.35	27.627	621.42	126.57	50.911
#1	-.00217	.01206	-.02630	.00035	.00635
#2	.00073	.02034	-.02911	-.00240	.01880
#3	.00416	.01423	.08755	-.00123	.01167
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00017**	**.00126**	**.05711**	**.00029**	**-.00016**
Stddev	.00021	.00035	.00433	.00010	.00142
%RSD	125.51	27.588	7.5834	32.573	878.11
#1	-.00023	.00166	.06143	.00040	.00075
#2	.00007	.00110	.05713	.00027	.00057
#3	-.00034	.00102	.05277	.00021	-.00180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB1 Acquired: 6/4/2010 10:30:41 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00095**	**.00098**	**.00297**	**.00000**	**.00000**
Stddev	.00044	.00055	.00435	.00024	.00004
%RSD	46.194	55.857	146.51	244490.	2297.8
#1	.00145	.00057	.00110	.00025	-.00005
#2	.00075	.00160	-.00013	-.00002	.00003
#3	.00064	.00076	.00795	-.00023	.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00151**	**.00043**	**-.00008**	**-.00032**
Stddev	.00159	.00129	.00024	.00007
%RSD	105.62	298.87	294.75	22.444
#1	-.00107	-.00012	-.00035	-.00027
#2	-.00018	.00191	.00001	-.00040
#3	-.00328	-.00049	.00010	-.00029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB1 Acquired: 6/4/2010 10:30:41 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2962.1**	**6692.6**	**99498.**	**14906.**
Stddev	3.3	13.6	191.	45.
%RSD	.11078	.20334	.19183	.29931
#1	2958.3	6679.3	99326.	14857.
#2	2964.2	6706.5	99703.	14944.
#3	2963.7	6692.0	99466.	14916.

Sample Name: L2E69BT Acquired: 6/4/2010 10:35:06 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00039**	**.00025**	**-.00189**	**.00063**	**-.00100**
Stddev	.00043	.00938	.00114	.00035	.00012
%RSD	110.75	3727.9	60.254	55.281	12.321
#1	-.00089	.00761	-.00299	.00077	-.00089
#2	-.00020	-.01030	-.00071	.00024	-.00113
#3	-.00009	.00345	-.00198	.00089	-.00096
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**-.01295**	**-.00004**	**-.00002**	**-.00009**
Stddev	.00003	.00135	.00007	.00012	.00024
%RSD	9.0760	10.399	186.52	741.09	252.55
#1	-.00033	-.01431	-.00005	.00008	.00010
#2	-.00035	-.01293	-.00009	-.00014	-.00003
#3	-.00029	-.01161	.00004	.00002	-.00035
Check ?	None	None	Chk Pass	None	Chk Pass
High Limit					
Low Limit					

Sample Name: L2E69BT Acquired: 6/4/2010 10:35:06 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00093**	**-.00097**	**-.01146**	**-.00186**	**.01195**
Stddev	.00115	.00176	.05306	.00129	.01856
%RSD	123.41	181.58	463.17	69.479	155.27
#1	-.00091	-.00197	-.06578	-.00061	-.00907
#2	.00021	-.00200	.04025	-.00177	.01888
#3	-.00209	.00106	-.00884	-.00319	.02606
Check ?	None	None	None	None	None
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00045**	**-.00029**	**.00866**	**.00005**	**-.00158**
Stddev	.00030	.00023	.00200	.00014	.00048
%RSD	66.448	77.948	23.064	278.55	30.382
#1	-.00046	-.00052	.00778	-.00003	-.00212
#2	-.00015	-.00029	.00725	.00021	-.00118
#3	-.00074	-.00007	.01094	-.00003	-.00146
Check ?	None	None	None	None	Chk Pass
High Limit					
Low Limit					

Sample Name: L2E69BT Acquired: 6/4/2010 10:35:06 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00074**	**.00099**	**.01879**	**.00035**	**-.00044**
Stddev	.00110	.00072	.00397	.00026	.00007
%RSD	147.37	72.748	21.126	72.690	17.043
#1	-.00001	.00062	.01712	.00007	-.00035
#2	.00200	.00183	.02332	.00057	-.00049
#3	.00024	.00053	.01593	.00042	-.00046
Check ?	None	Chk Pass	None	None	None
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00091**	**-.00036**	**-.00032**	**-.00055**
Stddev	.00013	.00092	.00003	.00011
%RSD	13.972	254.74	9.5825	20.771
#1	.00079	-.00113	-.00035	-.00063
#2	.00104	-.00063	-.00029	-.00060
#3	.00089	.00066	-.00032	-.00042
Check ?	None	None	None	None
High Limit				
Low Limit				

Sample Name: L2E69BT Acquired: 6/4/2010 10:35:06 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3030.6**	**6891.6**	**104310.**	**15128.**
Stddev	14.9	36.8	1173.	157.
%RSD	.49056	.53397	1.1242	1.0361
#1	3027.4	6871.0	105030.	14949.
#2	3046.8	6934.1	104940.	15192.
#3	3017.6	6869.8	102960.	15243.

Sample Name: L2C60BT Acquired: 6/4/2010 10:39:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00080**	**.00382**	**.00219**	**.03347**	**.00107**
Stddev	.00031	.00821	.00080	.00018	.00025
%RSD	38.647	215.03	36.391	.54654	23.162
#1	-.00095	.00362	.00205	.03361	.00124
#2	-.00100	-.00429	.00147	.03353	.00118
#3	-.00044	.01212	.00305	.03326	.00078
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**.24433**	**-.00011**	**.00051**	**.00042**
Stddev	.00000	.00563	.00004	.00018	.00010
%RSD	.80983	2.3030	42.736	34.872	24.854
#1	-.00035	.25082	-.00014	.00067	.00053
#2	-.00035	.24096	-.00012	.00032	.00033
#3	-.00035	.24121	-.00006	.00054	.00038
Check ?	None	None	Chk Pass	None	Chk Pass
High Limit					
Low Limit					

Sample Name: L2C60BT Acquired: 6/4/2010 10:39:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00019**	**.00958**	**1.4289**	**.00522**	**.03031**
Stddev	.00214	.00110	.0185	.00138	.00498
%RSD	1132.0	11.454	1.2926	26.354	16.417
#1	.00250	.00848	1.4094	.00387	.03100
#2	-.00174	.00959	1.4461	.00662	.03491
#3	-.00019	.01067	1.4312	.00517	.02503
Check ?	None	None	None	None	None
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00016**	**-.00060**	**1370.2**	**.00091**	**-.00129**
Stddev	.00050	.00020	18.0	.00044	.00055
%RSD	319.87	33.477	1.3129	48.336	42.762
#1	-.00056	-.00083	1389.9	.00085	-.00073
#2	-.00032	-.00054	1354.7	.00137	-.00183
#3	.00041	-.00044	1365.9	.00050	-.00131
Check ?	None	None	None	None	Chk Pass
High Limit					
Low Limit					

Sample Name: L2C60BT Acquired: 6/4/2010 10:39:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00135**	**.00740**	**.06966**	**.00102**	**.00081**
Stddev	.00100	.00377	.00373	.00058	.00003
%RSD	74.210	50.883	5.3592	56.994	3.9050
#1	.00249	.00435	.06833	.00116	.00077
#2	.00097	.01161	.07388	.00038	.00082
#3	.00060	.00625	.06678	.00153	.00083
Check ?	None	Chk Pass	None	None	None
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00005**	**.00010**	**-.00030**	**.00536**
Stddev	.00161	.00082	.00027	.00004
%RSD	3171.8	823.04	88.818	.66720
#1	.00176	.00105	-.00057	.00540
#2	-.00017	-.00046	-.00004	.00533
#3	-.00144	-.00029	-.00028	.00534
Check ?	None	None	None	None
High Limit				
Low Limit				

Sample Name: L2C60BT Acquired: 6/4/2010 10:39:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2520.1**	**6315.2**	**88742.**	**15323.**
Stddev	18.9	48.8	415.	186.
%RSD	.75186	.77320	.46815	1.2113
#1	2531.0	6346.5	89182.	15164.
#2	2498.2	6259.0	88687.	15278.
#3	2531.0	6340.2	88357.	15527.

Sample Name: L2E69CT Acquired: 6/4/2010 10:44:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05059**	**1.9685**	**2.1035**	**.97949**	**1.9276**
Stddev	.00052	.0062	.0119	.00101	.0002
%RSD	1.0351	.31250	.56421	.10319	.01270
#1	.05105	1.9624	2.0985	.97832	1.9274
#2	.05070	1.9684	2.1171	.98010	1.9275
#3	.05002	1.9747	2.0950	.98005	1.9279
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04810**	F **.25039**	**.04766**	**.52338**	**.19641**
Stddev	.00014	.00376	.00013	.00053	.00061
%RSD	.28920	1.5013	.26805	.10219	.31026
#1	.04803	.24848	.04753	.52277	.19621
#2	.04826	.25472	.04779	.52361	.19709
#3	.04801	.24797	.04766	.52377	.19592
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2E69CT Acquired: 6/4/2010 10:44:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.23900**	**1.0270**	F **1.9931**	**1.0041**	F **.02494**
Stddev	.00090	.0036	.1296	.0010	.00622
%RSD	.37543	.34520	6.5031	.10025	24.943
#1	.23978	1.0233	1.8602	1.0052	.03144
#2	.23802	1.0303	1.9998	1.0038	.02435
#3	.23919	1.0275	2.1192	1.0033	.01904
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.47723**	F **-.00108**	F **1340.3**	**.51939**	**.49790**
Stddev	.00164	.00014	8.5	.00101	.00223
%RSD	.34412	13.105	.63155	.19387	.44874
#1	.47776	-.00122	1343.7	.51976	.49965
#2	.47855	-.00094	1330.7	.52015	.49867
#3	.47539	-.00109	1346.6	.51825	.49539
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit		1.2000	60.000		
Low Limit		.80000	40.000		

Sample Name: L2E69CT Acquired: 6/4/2010 10:44:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	F **-.00073**	**2.1343**	F **.07244**	F **.00186**	**.96914**
Stddev	.00080	.0048	.00934	.00039	.00155
%RSD	109.69	.22323	12.896	20.712	.15968
#1	-.00161	2.1299	.08216	.00210	.96845
#2	-.00055	2.1393	.06353	.00206	.97092
#3	-.00004	2.1336	.07163	.00142	.96806
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit	.60000		12.000	2.4000	
Low Limit	.40000		8.0000	1.6000	

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	F **-.00090**	**1.8849**	**.50138**	**.49904**
Stddev	.00089	.0066	.00105	.00132
%RSD	99.183	.34767	.20911	.26371
#1	.00013	1.8773	.50211	.49752
#2	-.00150	1.8893	.50186	.49981
#3	-.00133	1.8880	.50018	.49979
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	1.2000			
Low Limit	.80000			

Sample Name: L2E69CT Acquired: 6/4/2010 10:44:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2503.4**	**6279.3**	**89541.**	**15130.**
Stddev	1.4	6.4	207.	57.
%RSD	.05618	.10216	.23144	.37561
#1	2504.5	6285.3	89334.	15191.
#2	2503.9	6280.2	89542.	15123.
#3	2501.8	6272.5	89748.	15078.

Sample Name: L15V9T Acquired: 6/4/2010 10:48:20 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00023**	**.08328**	**.00213**	**.24170**	**.35101**
Stddev	.00025	.01209	.00159	.00057	.00095
%RSD	108.27	14.523	74.679	.23552	.27159
#1	-.00052	.09724	.00030	.24161	.35135
#2	-.00005	.07599	.00313	.24118	.35174
#3	-.00013	.07660	.00296	.24231	.34993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**238.00**	**.02597**	**.04686**	**.04774**
Stddev	.00003	2.72	.00002	.00035	.00018
%RSD	10.202	1.1435	.07823	.75746	.37465
#1	-.00035	239.32	.02599	.04712	.04794
#2	-.00028	234.87	.02595	.04646	.04770
#3	-.00031	239.80	.02597	.04701	.04758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9T Acquired: 6/4/2010 10:48:20 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.30814**	**.09777**	**7.2600**	**.03219**	**110.69**
Stddev	.00401	.00124	.0989	.00136	.42
%RSD	1.3021	1.2682	1.3626	4.2198	.37916
#1	.30351	.09655	7.2484	.03214	110.68
#2	.31064	.09903	7.3642	.03086	111.11
#3	.31027	.09771	7.1673	.03357	110.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.3468**	**-.00035**	**F 1354.4**	**.23656**	**.06798**
Stddev	.0068	.00003	6.0	.00005	.00042
%RSD	.50732	7.4997	.44637	.02200	.61235
#1	1.3465	-.00033	1361.4	.23652	.06816
#2	1.3538	-.00038	1350.6	.23662	.06829
#3	1.3401	-.00035	1351.3	.23654	.06751
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9T Acquired: 6/4/2010 10:48:20 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00004**	**.00546**	**5.8066**	**.00237**	**1.5177**
Stddev	.00096	.00152	.0070	.00027	.0039
%RSD	2180.0	27.772	.12085	11.478	.25805
#1	-.00091	.00654	5.8147	.00231	1.5164
#2	.00099	.00613	5.8022	.00266	1.5221
#3	-.00021	.00373	5.8028	.00213	1.5146
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00383**	**.00057**	**.00155**	**1.2141**
Stddev	.00092	.00122	.00024	.0020
%RSD	24.143	215.12	15.573	.16689
#1	.00293	-.00011	.00156	1.2158
#2	.00477	-.00016	.00130	1.2118
#3	.00379	.00198	.00178	1.2147
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9T Acquired: 6/4/2010 10:48:20 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2406.2**	**6101.4**	**87863.**	**14821.**
Stddev	7.9	16.3	271.	191.
%RSD	.32984	.26749	.30813	1.2897
#1	2413.3	6111.6	88074.	14707.
#2	2407.7	6110.0	87558.	14715.
#3	2397.6	6082.5	87958.	15042.

Sample Name: L15V9P5T Acquired: 6/4/2010 10:52:53 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00024**	**.02411**	**.00040**	**.04679**	**.06794**
Stddev	.00018	.00393	.00098	.00037	.00025
%RSD	74.334	16.299	248.16	.78104	.36749
#1	-.00042	.02653	.00068	.04646	.06788
#2	-.00025	.02623	-.00070	.04718	.06772
#3	-.00006	.01958	.00121	.04674	.06821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00026**	**47.409**	**.00520**	**.00911**	**.00932**
Stddev	.00006	.166	.00004	.00019	.00022
%RSD	21.875	.35003	.67541	2.0465	2.3129
#1	-.00029	47.517	.00524	.00906	.00908
#2	-.00029	47.217	.00517	.00896	.00936
#3	-.00019	47.491	.00521	.00932	.00950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9P5T Acquired: 6/4/2010 10:52:53 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05878**	**.02041**	**1.2585**	**.00541**	**21.920**
Stddev	.00076	.00126	.0187	.00135	.036
%RSD	1.2972	6.1932	1.4884	24.935	.16394
#1	.05966	.02135	1.2557	.00390	21.952
#2	.05840	.01898	1.2785	.00650	21.881
#3	.05829	.02092	1.2414	.00583	21.927
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.26455**	**-.00101**	**282.14**	**.04607**	**.01310**
Stddev	.00162	.00020	1.40	.00010	.00105
%RSD	.61083	19.617	.49696	.22424	8.0107
#1	.26578	-.00120	280.62	.04611	.01206
#2	.26272	-.00104	282.39	.04595	.01416
#3	.26514	-.00080	283.39	.04614	.01309
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9P5T Acquired: 6/4/2010 10:52:53 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00087**	**.00266**	**1.1205**	**.00073**	**.28818**
Stddev	.00079	.00124	.0070	.00053	.00136
%RSD	90.294	46.538	.62503	73.267	.47242
#1	.00105	.00128	1.1286	.00014	.28930
#2	.00001	.00367	1.1164	.00118	.28666
#3	.00155	.00303	1.1165	.00087	.28857
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00103**	**-.00082**	**.00036**	**.24507**
Stddev	.00219	.00035	.00036	.00040
%RSD	212.63	43.458	99.041	.16501
#1	-.00137	-.00069	.00030	.24551
#2	.00155	-.00122	.00004	.24498
#3	.00291	-.00054	.00075	.24471
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9P5T Acquired: 6/4/2010 10:52:53 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2730.6**	**6590.6**	**96104.**	**15338.**
Stddev	9.4	17.4	492.	18.
%RSD	.34582	.26432	.51184	.11609
#1	2722.3	6582.7	95565.	15318.
#2	2728.7	6578.5	96219.	15345.
#3	2740.8	6610.6	96528.	15351.

Sample Name: L15V9ST Acquired: 6/4/2010 10:57:23 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.96561**	**.09460**	**5.1246**	**.24268**	**45.092**
Stddev	.00276	.01065	.0243	.00099	.511
%RSD	.28600	11.262	.47489	.40827	1.1337
#1	.96861	.08708	5.1523	.24380	45.675
#2	.96507	.08994	5.1152	.24193	44.717
#3	.96317	.10679	5.1064	.24229	44.886
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00028**	**240.38**	**.90620**	**.03833**	**4.5644**
Stddev	.00006	3.06	.00123	.00040	.0051
%RSD	20.379	1.2715	.13619	1.0387	.11178
#1	-.00031	243.01	.90761	.03845	4.5684
#2	-.00022	237.03	.90568	.03865	4.5587
#3	-.00032	241.10	.90531	.03788	4.5662
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9ST Acquired: 6/4/2010 10:57:23 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.31152**	**.11205**	**6.9024**	**.03163**	**111.35**
Stddev	.00468	.00144	.0604	.00045	.45
%RSD	1.5009	1.2807	.87461	1.4254	.40021
#1	.31597	.11073	6.8493	.03115	111.85
#2	.30665	.11183	6.8898	.03204	110.99
#3	.31194	.11358	6.9681	.03172	111.21
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.3518**	**-.00006**	F **1358.4**	**.23786**	**4.8051**
Stddev	.0054	.00012	13.4	.00100	.0095
%RSD	.39903	201.53	.98475	.41854	.19841
#1	1.3565	-.00010	1370.9	.23884	4.8142
#2	1.3459	-.00015	1344.3	.23685	4.7952
#3	1.3529	.00007	1360.1	.23789	4.8059
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9ST Acquired: 6/4/2010 10:57:23 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00379**	**1.0288**	**5.8444**	**.00261**	**1.5332**
Stddev	.00046	.0069	.0243	.00057	.0104
%RSD	12.217	.67321	.41588	21.925	.68028
#1	-.00353	1.0366	5.8693	.00321	1.5443
#2	-.00352	1.0234	5.8434	.00254	1.5236
#3	-.00433	1.0265	5.8207	.00207	1.5317
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00680**	**-.00022**	**.00226**	**1.2168**
Stddev	.00254	.00094	.00025	.0025
%RSD	37.301	431.75	10.852	.20203
#1	.00964	-.00002	.00198	1.2196
#2	.00477	.00061	.00243	1.2154
#3	.00599	-.00124	.00237	1.2153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9ST Acquired: 6/4/2010 10:57:23 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2392.9**	**6040.8**	**87624.**	**14845.**
Stddev	8.5	16.5	245.	181.
%RSD	.35557	.27333	.27923	1.2166
#1	2395.8	6042.5	87768.	14636.
#2	2399.6	6056.4	87763.	14948.
#3	2383.3	6023.5	87342.	14951.

Sample Name: L15V9DT Acquired: 6/4/2010 11:02:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0227**	**.08995**	**5.5123**	**.24904**	**47.801**
Stddev	.0003	.01643	.0179	.00139	.363
%RSD	.03250	18.267	.32484	.55767	.75866
#1	1.0227	.09051	5.5315	.25059	48.153
#2	1.0231	.07324	5.5091	.24861	47.428
#3	1.0224	.10609	5.4962	.24792	47.821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00029**	**246.84**	**.95873**	**.03917**	**4.8703**
Stddev	.00005	4.16	.00186	.00022	.0064
%RSD	18.067	1.6868	.19451	.57002	.13075
#1	-.00031	248.32	.96010	.03895	4.8682
#2	-.00023	242.13	.95947	.03940	4.8653
#3	-.00032	250.06	.95660	.03917	4.8775
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9DT Acquired: 6/4/2010 11:02:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.31817**	**.10288**	**7.1578**	**.03109**	**113.82**
Stddev	.00121	.00167	.0663	.00161	.19
%RSD	.37993	1.6249	.92610	5.1679	.16684
#1	.31836	.10267	7.0815	.03225	114.04
#2	.31927	.10464	7.1908	.02926	113.69
#3	.31687	.10132	7.2012	.03176	113.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.3864**	**-.00046**	**F 1366.7**	**.24251**	**5.0949**
Stddev	.0008	.00035	8.9	.00117	.0110
%RSD	.05899	75.835	.65433	.48160	.21558
#1	1.3863	-.00032	1372.6	.24332	5.1076
#2	1.3873	-.00085	1356.4	.24303	5.0886
#3	1.3857	-.00020	1371.2	.24117	5.0886
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9DT Acquired: 6/4/2010 11:02:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00392**	**1.1051**	**5.9716**	**.00229**	**1.5596**
Stddev	.00091	.0027	.0273	.00044	.0022
%RSD	23.284	.24052	.45694	19.407	.13815
#1	-.00467	1.1074	5.9977	.00253	1.5620
#2	-.00290	1.1057	5.9737	.00177	1.5590
#3	-.00418	1.1022	5.9433	.00255	1.5578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00488**	**-.00091**	**.00221**	**1.2522**
Stddev	.00203	.00138	.00063	.0050
%RSD	41.663	150.58	28.696	.40130
#1	.00264	.00061	.00171	1.2574
#2	.00660	-.00208	.00292	1.2520
#3	.00540	-.00127	.00200	1.2473
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9DT Acquired: 6/4/2010 11:02:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2401.4**	**6062.2**	**87646.**	**14884.**
Stddev	2.4	8.8	140.	137.
%RSD	.10159	.14596	.15974	.91978
#1	2404.0	6063.4	87787.	14727.
#2	2399.1	6052.8	87507.	14974.
#3	2401.0	6070.4	87645.	14952.

Sample Name: L15V9ST/2 Acquired: 6/4/2010 11:06:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.46861**	**.04951**	**2.4929**	**.11995**	**22.708**
Stddev	.00065	.01829	.0024	.00079	.351
%RSD	.13911	36.953	.09432	.65726	1.5472
#1	.46827	.06641	2.4903	.12085	22.579
#2	.46936	.03008	2.4950	.11936	22.439
#3	.46820	.05203	2.4933	.11965	23.105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00033**	**121.00**	**.46166**	**.01921**	**2.2836**
Stddev	.00002	1.73	.00032	.00032	.0058
%RSD	5.0358	1.4305	.07018	1.6507	.25589
#1	-.00032	121.16	.46128	.01919	2.2819
#2	-.00031	119.20	.46186	.01891	2.2900
#3	-.00034	122.65	.46183	.01954	2.2787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9ST/2 Acquired: 6/4/2010 11:06:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.15289**	**.05267**	**3.2280**	**.01281**	**55.970**
Stddev	.00205	.00084	.0594	.00173	.172
%RSD	1.3417	1.5925	1.8387	13.504	.30734
#1	.15053	.05174	3.2694	.01371	56.061
#2	.15426	.05289	3.1600	.01081	55.772
#3	.15388	.05337	3.2546	.01389	56.078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.67873**	**-.00078**	F **698.42**	**.11822**	**2.4061**
Stddev	.00241	.00010	8.72	.00067	.0052
%RSD	.35512	13.446	1.2487	.56991	.21621
#1	.68151	-.00090	697.22	.11896	2.4116
#2	.67729	-.00071	690.36	.11764	2.4056
#3	.67739	-.00073	707.68	.11806	2.4012
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9ST/2 Acquired: 6/4/2010 11:06:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00089**	**.49938**	**2.8880**	**.00125**	**.75159**
Stddev	.00042	.00199	.0196	.00055	.00243
%RSD	46.829	.39806	.67787	44.236	.32269
#1	-.00122	.49795	2.9096	.00188	.75414
#2	-.00103	.50165	2.8832	.00097	.74931
#3	-.00042	.49854	2.8713	.00089	.75132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00305**	**-.00078**	**.00100**	**.61879**
Stddev	.00077	.00159	.00007	.00160
%RSD	25.181	203.69	6.8787	.25906
#1	.00383	.00037	.00105	.61965
#2	.00229	-.00011	.00103	.61978
#3	.00304	-.00259	.00092	.61694
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9ST/2 Acquired: 6/4/2010 11:06:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2559.4**	**6338.8**	**92035.**	**15196.**
Stddev	14.0	36.7	1055.	260.
%RSD	.54635	.57893	1.1458	1.7107
#1	2555.9	6334.7	91499.	15036.
#2	2547.5	6304.3	91355.	15496.
#3	2574.8	6377.4	93250.	15057.

Sample Name: L15V9DT/2 Acquired: 6/4/2010 11:11:24 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.48502**	**.04658**	**2.6174**	**.12158**	**23.772**
Stddev	.00094	.00597	.0094	.00002	.206
%RSD	.19451	12.827	.35851	.01951	.86800
#1	.48590	.05070	2.6224	.12160	23.776
#2	.48514	.03973	2.6066	.12158	23.564
#3	.48402	.04931	2.6233	.12155	23.977
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**123.06**	**.48196**	**.01931**	**2.4004**
Stddev	.00004	.39	.00047	.00013	.0017
%RSD	13.852	.32073	.09753	.66037	.07039
#1	-.00029	122.77	.48176	.01926	2.4022
#2	-.00028	122.91	.48250	.01922	2.4003
#3	-.00036	123.51	.48163	.01946	2.3988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9DT/2 Acquired: 6/4/2010 11:11:24 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.15489**	**.05087**	**3.2741**	**.01301**	**56.495**
Stddev	.00097	.00176	.0766	.00075	.178
%RSD	.62677	3.4580	2.3410	5.7467	.31459
#1	.15579	.04966	3.2445	.01232	56.654
#2	.15386	.05005	3.2168	.01380	56.303
#3	.15500	.05289	3.3612	.01292	56.527
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.68632**	**-.00073**	F **709.04**	**.11946**	**2.5187**
Stddev	.00049	.00014	2.14	.00028	.0035
%RSD	.07104	18.997	.30132	.23356	.13898
#1	.68679	-.00087	710.72	.11943	2.5208
#2	.68582	-.00059	709.77	.11975	2.5207
#3	.68634	-.00075	706.64	.11920	2.5147
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9DT/2 Acquired: 6/4/2010 11:11:24 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00069**	**.51909**	**2.9250**	**.00123**	**.76891**
Stddev	.00083	.00113	.0091	.00039	.00062
%RSD	120.07	.21834	.31246	31.511	.08027
#1	.00005	.51969	2.9308	.00167	.76823
#2	-.00053	.51778	2.9145	.00104	.76909
#3	-.00159	.51980	2.9297	.00097	.76943
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00319**	**-.00061**	**.00084**	**.62527**
Stddev	.00094	.00104	.00011	.00089
%RSD	29.522	172.39	12.861	.14162
#1	.00216	-.00181	.00093	.62544
#2	.00401	.00005	.00072	.62431
#3	.00338	-.00006	.00088	.62606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9DT/2 Acquired: 6/4/2010 11:11:24 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2559.6**	**6332.0**	**92420.**	**15032.**
Stddev	2.4	5.5	613.	180.
%RSD	.09197	.08737	.66314	1.1966
#1	2557.9	6325.9	91824.	14895.
#2	2558.6	6333.4	92389.	15236.
#3	2562.3	6336.8	93048.	14966.

Sample Name: L15XGT Acquired: 6/4/2010 11:16:08 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00013**	**.00422**	**.00319**	**.03721**	**.00845**
Stddev	.00018	.00987	.00287	.00027	.00022
%RSD	144.38	233.96	89.954	.72079	2.5513
#1	-.00003	-.00682	.00046	.03727	.00860
#2	.00033	.00729	.00618	.03691	.00854
#3	.00008	.01220	.00293	.03743	.00820
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**.45740**	**.00003**	**.07879**	**.00219**
Stddev	.00001	.00668	.00005	.00021	.00032
%RSD	2.6501	1.4600	168.86	.27139	14.568
#1	-.00032	.46496	-.00003	.07855	.00232
#2	-.00032	.45493	.00004	.07889	.00243
#3	-.00031	.45230	.00008	.07894	.00183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15XGT Acquired: 6/4/2010 11:16:08 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.3362**	**.32532**	**1.7753**	**.00379**	**.09722**
Stddev	.0078	.00035	.0593	.00072	.02697
%RSD	.58182	.10619	3.3422	18.940	27.736
#1	1.3412	.32513	1.7089	.00307	.06890
#2	1.3402	.32572	1.7941	.00450	.10017
#3	1.3273	.32511	1.8230	.00380	.12259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**7.8806**	**-.00170**	F **1337.1**	**.58825**	**.00075**
Stddev	.0153	.00025	3.6	.00112	.00200
%RSD	.19355	14.937	.26869	.19059	268.14
#1	7.8643	-.00141	1339.0	.58904	-.00122
#2	7.8945	-.00187	1333.0	.58696	.00069
#3	7.8830	-.00183	1339.4	.58873	.00277
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15XGT Acquired: 6/4/2010 11:16:08 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00070**	**.00494**	**.18551**	**.00097**	**.00280**
Stddev	.00076	.00154	.00573	.00014	.00002
%RSD	108.92	31.172	3.0903	14.685	.55790
#1	-.00016	.00661	.17891	.00086	.00282
#2	.00130	.00465	.18924	.00093	.00280
#3	.00097	.00357	.18838	.00113	.00278
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00136**	**-.00927**	**-.00093**	**.03808**
Stddev	.00198	.00054	.00020	.00005
%RSD	145.05	5.8220	21.423	.12478
#1	.00328	-.00957	-.00095	.03803
#2	.00148	-.00959	-.00072	.03807
#3	-.00067	-.00865	-.00111	.03813
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15XGT Acquired: 6/4/2010 11:16:08 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2540.0**	**6380.9**	**90283.**	**15092.**
Stddev	3.1	6.1	884.	101.
%RSD	.12310	.09623	.97906	.66920
#1	2537.4	6377.5	89781.	14994.
#2	2543.5	6388.0	89765.	15085.
#3	2539.1	6377.3	91304.	15196.

Sample Name: CCV1-2 Acquired: 6/4/2010 11:20:39 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99056**	**25.147**	**.52809**	**2.0048**	**1.9756**
Stddev	.00090	.185	.00248	.0026	.0044
%RSD	.09087	.73485	.46895	.13028	.22132
#1	.99004	25.356	.53085	2.0048	1.9768
#2	.99160	25.078	.52607	2.0022	1.9707
#3	.99003	25.006	.52735	2.0074	1.9792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0370**	**51.225**	**.48599**	**2.0927**	**1.9581**
Stddev	.0044	.596	.00074	.0024	.0025
%RSD	.21743	1.1627	.15228	.11481	.12878
#1	2.0421	51.900	.48643	2.0945	1.9565
#2	2.0344	51.001	.48514	2.0936	1.9610
#3	2.0344	50.773	.48641	2.0900	1.9568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-2 Acquired: 6/4/2010 11:20:39 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9357**	**25.306**	**124.23**	**1.9925**	**51.094**
Stddev	.0109	.228	1.61	.0050	.842
%RSD	.56227	.89936	1.2998	.25247	1.6477
#1	1.9482	25.568	126.10	1.9909	52.066
#2	1.9282	25.152	123.31	1.9884	50.617
#3	1.9307	25.199	123.29	1.9981	50.598
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9547**	**1.9979**	**125.04**	**2.0761**	**.50524**
Stddev	.0133	.0036	.72	.0015	.00167
%RSD	.68247	.17803	.57432	.07204	.33124
#1	1.9698	1.9968	125.83	2.0761	.50391
#2	1.9444	1.9950	124.86	2.0777	.50467
#3	1.9499	2.0019	124.42	2.0747	.50712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-2 Acquired: 6/4/2010 11:20:39 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.49827**	**.51019**	**1.9818**	**1.9388**	**1.9911**
Stddev	.00089	.00161	.0171	.0002	.0039
%RSD	.17911	.31504	.86081	.01210	.19751
#1	.49884	.51166	1.9962	1.9389	1.9957
#2	.49873	.51042	1.9862	1.9389	1.9886
#3	.49724	.50847	1.9630	1.9385	1.9891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0049**	**.98640**	**2.0097**	**1.9575**
Stddev	.0101	.00113	.0025	.0052
%RSD	.50453	.11492	.12608	.26560
#1	2.0147	.98768	2.0077	1.9548
#2	2.0056	.98601	2.0126	1.9541
#3	1.9945	.98551	2.0088	1.9634
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-2 Acquired: 6/4/2010 11:20:39 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2730.8**	**6606.3**	**97161.**	**14909.**
Stddev	13.0	33.7	1136.	525.
%RSD	.47752	.51030	1.1689	3.5208
#1	2745.6	6641.4	98455.	14312.
#2	2725.6	6603.5	96329.	15118.
#3	2721.2	6574.1	96699.	15298.

Sample Name: CCB2 Acquired: 6/4/2010 11:24:48 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00015**	**.01871**	**-.00109**	**.00060**	**.00005**
Stddev	.00021	.00698	.00202	.00026	.00008
%RSD	139.47	37.277	185.08	43.965	162.87
#1	.00004	.02076	-.00063	.00091	-.00003
#2	-.00037	.01094	.00066	.00044	.00012
#3	-.00012	.02444	-.00331	.00046	.00006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00007**	**.01361**	**.00006**	**.00008**	**.00009**
Stddev	.00001	.00259	.00005	.00009	.00026
%RSD	17.084	19.061	83.215	105.54	286.77
#1	-.00008	.01068	.00002	.00009	.00034
#2	-.00007	.01454	.00012	-.00001	.00011
#3	-.00006	.01561	.00005	.00017	-.00018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB2 Acquired: 6/4/2010 11:24:48 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00123**	**.00767**	**.10853**	**-.00017**	**-.00368**
Stddev	.00046	.00140	.04946	.00161	.00264
%RSD	36.934	18.239	45.575	952.50	71.846
#1	-.00091	.00693	.05756	-.00173	-.00673
#2	-.00175	.00679	.11169	.00149	-.00218
#3	-.00104	.00928	.15633	-.00026	-.00212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00025**	**.00114**	**.43322**	**.00033**	**-.00034**
Stddev	.00045	.00008	.02842	.00025	.00038
%RSD	178.82	7.1517	6.5614	74.420	112.33
#1	-.00049	.00123	.40102	.00051	.00007
#2	-.00055	.00113	.44377	.00005	-.00039
#3	.00027	.00107	.45486	.00044	-.00069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB2 Acquired: 6/4/2010 11:24:48 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00013**	**.00198**	**.00232**	**-.00001**	**-.00010**
Stddev	.00063	.00104	.00272	.00034	.00008
%RSD	492.06	52.381	117.03	4442.0	84.900
#1	.00008	.00089	.00467	-.00039	-.00018
#2	-.00083	.00295	-.00066	.00025	-.00009
#3	.00037	.00210	.00297	.00012	-.00002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00025**	**-.00111**	**-.00007**	**-.00029**
Stddev	.00248	.00086	.00015	.00002
%RSD	990.72	77.670	198.36	5.9785
#1	-.00260	-.00119	.00008	-.00028
#2	.00144	-.00193	-.00010	-.00030
#3	.00191	-.00021	-.00020	-.00027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB2 Acquired: 6/4/2010 11:24:48 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3003.5**	**6830.2**	**101260.**	**15056.**
Stddev	7.5	25.1	231.	166.
%RSD	.25050	.36732	.22805	1.0992
#1	3011.2	6856.6	101530.	15014.
#2	2996.2	6806.6	101130.	14915.
#3	3003.0	6827.4	101130.	15238.

Sample Name: L15XKT Acquired: 6/4/2010 11:29:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00005**	**.00844**	**.00485**	**.03564**	**.00278**
Stddev	.00051	.01354	.00145	.00062	.00032
%RSD	1058.9	160.42	29.809	1.7500	11.371
#1	.00053	.01119	.00538	.03542	.00314
#2	-.00022	.02039	.00321	.03635	.00265
#3	-.00045	-.00627	.00595	.03516	.00256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**.36535**	**-.00013**	**.05390**	**.00187**
Stddev	.00005	.00202	.00008	.00029	.00030
%RSD	13.533	.55242	66.783	.54031	15.955
#1	-.00038	.36712	-.00012	.05378	.00170
#2	-.00041	.36315	-.00022	.05423	.00168
#3	-.00031	.36578	-.00005	.05368	.00221
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15XKT Acquired: 6/4/2010 11:29:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0330**	**.43726**	**1.4478**	**.00308**	**.10247**
Stddev	.0039	.00440	.0988	.00029	.00746
%RSD	.37652	1.0064	6.8244	9.4389	7.2769
#1	1.0330	.43981	1.3668	.00303	.10071
#2	1.0291	.43218	1.4189	.00339	.09606
#3	1.0368	.43979	1.5579	.00282	.11065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**5.7359**	**-.00125**	F **1319.8**	**.40091**	**.00005**
Stddev	.0154	.00006	9.9	.00086	.00019
%RSD	.26829	4.9040	.75122	.21383	362.83
#1	5.7526	-.00132	1322.2	.40126	-.00006
#2	5.7223	-.00123	1308.8	.40153	.00027
#3	5.7327	-.00120	1328.2	.39993	-.00005
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15XKT Acquired: 6/4/2010 11:29:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00068**	**.00455**	**.16147**	**.00129**	**.00096**
Stddev	.00091	.00178	.00334	.00065	.00001
%RSD	134.79	39.029	2.0658	50.281	1.1086
#1	.00006	.00329	.15762	.00119	.00097
#2	.00025	.00377	.16320	.00198	.00096
#3	.00173	.00658	.16358	.00070	.00095
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00003**	**-.00562**	**-.00096**	**.00498**
Stddev	.00412	.00073	.00018	.00005
%RSD	14629.	13.081	19.288	1.0697
#1	-.00337	-.00609	-.00088	.00503
#2	.00458	-.00477	-.00117	.00493
#3	-.00129	-.00599	-.00082	.00497
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15XKT Acquired: 6/4/2010 11:29:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2539.0**	**6364.8**	**90352.**	**15386.**
Stddev	18.8	46.4	414.	234.
%RSD	.74157	.72962	.45806	1.5189
#1	2542.8	6386.6	90272.	15306.
#2	2518.6	6311.5	89984.	15649.
#3	2555.6	6396.4	90800.	15203.

Sample Name: L16D2T Acquired: 6/4/2010 11:33:46 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00121**	**1.0966**	**.00919**	**3.8603**	**.74683**
Stddev	.00036	.0118	.00198	.0019	.00374
%RSD	29.343	1.0804	21.581	.04783	.50063
#1	.00156	1.1054	.01010	3.8621	.75115
#2	.00085	1.0831	.00691	3.8605	.74468
#3	.00123	1.1013	.01055	3.8584	.74467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00175**	**294.83**	**.42094**	**.15841**	**.03571**
Stddev	.00002	3.44	.00059	.00023	.00051
%RSD	1.1182	1.1663	.13925	.14279	1.4397
#1	.00174	298.42	.42026	.15829	.03528
#2	.00177	291.57	.42128	.15867	.03628
#3	.00174	294.49	.42128	.15827	.03557
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L16D2T Acquired: 6/4/2010 11:33:46 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**6.5468**	**4.1711**	**30.644**	**6.0591**	**12.482**
Stddev	.0288	.0189	.165	.0233	.053
%RSD	.43985	.45339	.53693	.38400	.42572
#1	6.5750	4.1929	30.782	6.0831	12.506
#2	6.5174	4.1585	30.462	6.0366	12.421
#3	6.5480	4.1621	30.689	6.0574	12.519
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.3413**	**.23168**	F **1344.6**	**.32097**	**3.0061**
Stddev	.0127	.00033	6.1	.00057	.0036
%RSD	.54060	.14255	.45309	.17660	.11855
#1	2.3552	.23138	1337.8	.32058	3.0030
#2	2.3384	.23161	1349.7	.32071	3.0100
#3	2.3304	.23204	1346.2	.32162	3.0054
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L16D2T Acquired: 6/4/2010 11:33:46 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25483**	**.01385**	**3.7113**	**.03578**	**.58190**
Stddev	.00054	.00237	.0152	.00044	.00342
%RSD	.21289	17.091	.40873	1.2303	.58740
#1	.25423	.01150	3.7252	.03528	.58518
#2	.25499	.01623	3.6951	.03613	.57836
#3	.25528	.01382	3.7136	.03592	.58217
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00937**	**-.00261**	**.00528**	F **31.449**
Stddev	.00202	.00011	.00015	.041
%RSD	21.599	4.2092	2.7618	.13166
#1	.01023	-.00261	.00512	31.464
#2	.01082	-.00272	.00539	31.481
#3	.00706	-.00250	.00534	31.402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				25.000
Low Limit				-.02000

Sample Name: L16D2T Acquired: 6/4/2010 11:33:46 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2386.7**	**6036.9**	**88071.**	**14767.**
Stddev	4.2	8.8	472.	44.
%RSD	.17712	.14547	.53568	.29748
#1	2381.8	6026.8	88213.	14717.
#2	2388.7	6040.7	88455.	14795.
#3	2389.5	6043.1	87545.	14790.

Sample Name: L19EJT Acquired: 6/4/2010 11:38:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00016**	**.00750**	**.00032**	**.07712**	**.00659**
Stddev	.00016	.01074	.00283	.00074	.00017
%RSD	100.33	143.23	878.84	.96005	2.6421
#1	-.00031	.00009	-.00258	.07791	.00675
#2	-.00017	.01982	.00307	.07700	.00640
#3	.00001	.00259	.00048	.07644	.00661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00033**	**.79697**	**.00004**	**.02700**	**.00175**
Stddev	.00005	.00256	.00001	.00045	.00012
%RSD	13.921	.32110	13.687	1.6490	6.6041
#1	-.00028	.79699	.00004	.02750	.00187
#2	-.00036	.79440	.00004	.02688	.00174
#3	-.00035	.79952	.00005	.02663	.00164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L19EJT Acquired: 6/4/2010 11:38:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.90939**	**.12993**	**2.1233**	**.00611**	**.33104**
Stddev	.00466	.00139	.0295	.00022	.01511
%RSD	.51276	1.0698	1.3896	3.6285	4.5644
#1	.91183	.13145	2.1553	.00629	.34599
#2	.90402	.12873	2.0972	.00618	.31577
#3	.91234	.12961	2.1173	.00586	.33137
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.5842**	**-.00094**	F **1307.3**	**.16880**	**.00036**
Stddev	.0106	.00009	7.3	.00059	.00117
%RSD	.41069	9.3298	.55864	.35129	322.08
#1	2.5940	-.00104	1315.6	.16863	.00049
#2	2.5729	-.00093	1301.9	.16946	.00147
#3	2.5859	-.00086	1304.4	.16831	-.00086
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L19EJT Acquired: 6/4/2010 11:38:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00106**	**.00525**	**.20560**	**.00101**	**.00277**
Stddev	.00034	.00099	.00333	.00045	.00014
%RSD	32.177	18.935	1.6180	44.706	4.9247
#1	.00088	.00411	.20455	.00058	.00291
#2	.00146	.00595	.20293	.00096	.00264
#3	.00085	.00569	.20932	.00148	.00277
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00015**	**-.00198**	**-.00079**	**.01022**
Stddev	.00172	.00205	.00022	.00113
%RSD	1122.2	103.45	27.566	11.086
#1	.00110	.00018	-.00057	.00943
#2	-.00211	-.00389	-.00079	.00970
#3	.00055	-.00223	-.00101	.01151
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L19EJT Acquired: 6/4/2010 11:38:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2544.0**	**6380.4**	**90589.**	**15024.**
Stddev	7.5	17.6	37.	30.
%RSD	.29613	.27532	.04114	.20173
#1	2535.5	6360.2	90607.	14991.
#2	2546.5	6388.9	90546.	15032.
#3	2549.9	6392.0	90613.	15050.

Sample Name: L19EKT Acquired: 6/4/2010 11:42:43 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00040**	**.05217**	**.00562**	**.01398**	**.00539**
Stddev	.00022	.00196	.00410	.00025	.00025
%RSD	55.242	3.7636	72.908	1.8043	4.6971
#1	-.00016	.05102	.00946	.01423	.00525
#2	-.00059	.05105	.00130	.01398	.00524
#3	-.00045	.05444	.00611	.01373	.00568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**.58356**	**.00032**	**.03661**	**.00371**
Stddev	.00003	.00818	.00004	.00016	.00020
%RSD	7.1848	1.4014	14.068	.44394	5.3176
#1	-.00037	.59290	.00027	.03675	.00391
#2	-.00039	.57768	.00036	.03665	.00352
#3	-.00034	.58009	.00033	.03643	.00369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L19EKT Acquired: 6/4/2010 11:42:43 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.69023**	**1.9585**	**1.7883**	**.00441**	**.54612**
Stddev	.00620	.0204	.0524	.00073	.01177
%RSD	.89883	1.0440	2.9300	16.565	2.1548
#1	.69737	1.9821	1.7462	.00357	.55212
#2	.68715	1.9450	1.8470	.00481	.55367
#3	.68617	1.9486	1.7717	.00485	.53256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.4133**	**-.00114**	F **1293.1**	**.16611**	**-.00038**
Stddev	.0284	.00029	15.9	.00106	.00055
%RSD	1.1754	25.634	1.2315	.64011	146.62
#1	2.4453	-.00086	1311.4	.16714	-.00099
#2	2.3914	-.00111	1285.7	.16501	.00007
#3	2.4032	-.00144	1282.3	.16619	-.00021
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L19EKT Acquired: 6/4/2010 11:42:43 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00085**	**.00515**	**.42530**	**.00121**	**.00361**
Stddev	.00050	.00310	.00682	.00089	.00013
%RSD	58.574	60.195	1.6026	74.202	3.5414
#1	.00027	.00665	.43317	.00057	.00374
#2	.00115	.00722	.42159	.00223	.00362
#3	.00111	.00159	.42114	.00082	.00348
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00000**	**-.00297**	**-.00050**	**.03810**
Stddev	.0002	.00128	.00008	.00110
%RSD	10019.	43.091	15.352	2.8810
#1	.00005	-.00190	-.00044	.03689
#2	-.00023	-.00263	-.00058	.03903
#3	.00017	-.00439	-.00047	.03839
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L19EKT Acquired: 6/4/2010 11:42:43 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2535.1**	**6324.0**	**90952.**	**15275.**
Stddev	5.0	6.8	293.	120.
%RSD	.19888	.10815	.32243	.78604
#1	2535.4	6325.0	90626.	15137.
#2	2540.0	6330.3	91037.	15333.
#3	2530.0	6316.7	91194.	15354.

Sample Name: L19ENT Acquired: 6/4/2010 11:47:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00053**	**-.00282**	**.00162**	**.03537**	**.26754**
Stddev	.00021	.00394	.00187	.00050	.00077
%RSD	38.675	140.02	115.41	1.4235	.28602
#1	.00067	-.00717	.00124	.03564	.26804
#2	.00030	-.00177	-.00003	.03479	.26792
#3	.00064	.00050	.00365	.03568	.26666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00022**	**1.7106**	**.04480**	**.04117**	**.00407**
Stddev	.00002	.0190	.00005	.00014	.00027
%RSD	8.6233	1.1080	.12010	.33474	6.5948
#1	-.00022	1.7195	.04474	.04133	.00403
#2	-.00024	1.7236	.04484	.04111	.00436
#3	-.00020	1.6889	.04483	.04108	.00382
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L19ENT Acquired: 6/4/2010 11:47:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00685**	**172.30**	**1.6024**	**.00335**	**.88945**
Stddev	.00214	2.19	.0235	.00039	.01350
%RSD	31.249	1.2721	1.4681	11.783	1.5174
#1	.00892	173.54	1.5864	.00353	.89500
#2	.00464	173.60	1.6294	.00289	.89929
#3	.00700	169.77	1.5915	.00362	.87407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**12.495**	**-.00333**	F **1269.3**	**.23691**	**.00011**
Stddev	.060	.00018	4.4	.00100	.00119
%RSD	.47837	5.2547	.34733	.42154	1096.8
#1	12.534	-.00316	1274.3	.23795	.00046
#2	12.526	-.00351	1266.6	.23680	-.00122
#3	12.426	-.00333	1266.9	.23596	.00108
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L19ENT Acquired: 6/4/2010 11:47:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00289**	**.00594**	**.74782**	**.00240**	**.02129**
Stddev	.00088	.00159	.00748	.00100	.00021
%RSD	30.431	26.761	1.0002	41.536	.97643
#1	-.00208	.00450	.75141	.00189	.02137
#2	-.00276	.00765	.75283	.00176	.02145
#3	-.00382	.00568	.73922	.00355	.02106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00125**	F **-.01079**	**-.00145**	F **28.984**
Stddev	.00257	.00146	.00021	.087
%RSD	205.26	13.546	14.574	.30000
#1	-.00008	-.01247	-.00163	29.020
#2	.00052	-.01007	-.00150	29.047
#3	-.00420	-.00982	-.00122	28.885
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit		5.0000		25.000
Low Limit		-.01000		-.02000

Sample Name: L19ENT Acquired: 6/4/2010 11:47:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2575.1**	**6422.7**	**92219.**	**15340.**
Stddev	5.6	12.0	424.	197.
%RSD	.21869	.18623	.46015	1.2846
#1	2569.5	6421.9	92702.	15215.
#2	2575.0	6411.2	91903.	15238.
#3	2580.7	6435.1	92053.	15567.

Sample Name: L2DVHBF Acquired: 6/4/2010 11:51:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00080**	**.00214**	**-.00274**	**-.00068**	**-.00086**
Stddev	.00037	.01193	.00138	.00043	.00012
%RSD	46.626	557.72	50.577	63.721	13.620
#1	-.00069	.00241	-.00400	-.00117	-.00090
#2	-.00122	.01393	-.00295	-.00036	-.00073
#3	-.00050	-.00992	-.00126	-.00050	-.00096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00034**	**-.00469**	**-.00001**	**-.00019**	**-.00027**
Stddev	.00005	.00208	.00002	.00004	.00018
%RSD	13.990	44.406	281.05	23.178	68.122
#1	-.00032	-.00242	-.00002	-.00015	-.00019
#2	-.00040	-.00515	.00001	-.00017	-.00048
#3	-.00031	-.00651	-.00001	-.00023	-.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVHBF Acquired: 6/4/2010 11:51:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**.00701**	**.34652**	**.00052**	**-.00869**
Stddev	.00129	.00079	.06310	.00177	.00919
%RSD	347.13	11.329	18.209	341.30	105.73
#1	.00087	.00624	.29522	.00063	-.00818
#2	-.00027	.00782	.32736	.00223	-.01812
#3	-.00171	.00698	.41697	-.00131	.00023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00020**	**-.00100**	**.87394**	**-.00008**	**-.00012**
Stddev	.00029	.00008	.02448	.00029	.00063
%RSD	145.00	7.6712	2.8016	355.47	506.14
#1	-.00009	-.00092	.90154	-.00018	-.00059
#2	.00002	-.00104	.86544	-.00031	.00059
#3	-.00052	-.00106	.85483	.00025	-.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVHBF Acquired: 6/4/2010 11:51:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00023**	**.00049**	**.02144**	**.00029**	**-.00042**
Stddev	.00064	.00073	.00496	.00056	.00005
%RSD	282.30	149.72	23.124	195.64	10.867
#1	.00009	.00004	.02598	-.00036	-.00046
#2	-.00033	.00009	.01615	.00057	-.00037
#3	.00092	.00133	.02220	.00065	-.00043
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00148**	**-.00050**	**-.00048**	**.00700**
Stddev	.00182	.00133	.00019	.00368
%RSD	122.68	264.27	39.345	52.573
#1	.00044	-.00044	-.00070	.00454
#2	-.00317	.00079	-.00037	.00524
#3	-.00171	-.00187	-.00038	.01124
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2DVHBF Acquired: 6/4/2010 11:51:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3026.8**	**6888.3**	**103130.**	**15170.**
Stddev	13.4	23.1	497.	62.
%RSD	.44402	.33496	.48207	.40919
#1	3012.8	6869.0	103190.	15143.
#2	3039.7	6913.9	103600.	15126.
#3	3027.8	6882.2	102610.	15241.

Sample Name: L2DVHCF Acquired: 6/4/2010 11:56:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04980**	**2.0934**	**2.0281**	**1.0073**	**2.0399**
Stddev	.00025	.0104	.0095	.0023	.0043
%RSD	.50729	.49423	.47087	.23129	.20947
#1	.04971	2.1047	2.0378	1.0093	2.0425
#2	.05009	2.0845	2.0280	1.0079	2.0350
#3	.04961	2.0911	2.0187	1.0048	2.0422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05103**	F **.00443**	**.05025**	**.52566**	**.20507**
Stddev	.00016	.00159	.00009	.00035	.00014
%RSD	.30656	35.817	.18236	.06735	.06752
#1	.05121	.00421	.05032	.52573	.20514
#2	.05097	.00612	.05015	.52596	.20515
#3	.05092	.00297	.05029	.52527	.20491
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2DVHCF Acquired: 6/4/2010 11:56:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25431**	**1.0851**	F **.22957**	**1.0166**	F **-.00938**
Stddev	.00211	.0052	.10153	.0021	.00521
%RSD	.83027	.47712	44.227	.20572	55.618
#1	.25234	1.0829	.12575	1.0178	-.01425
#2	.25654	1.0815	.23432	1.0142	-.01000
#3	.25405	1.0911	.32865	1.0179	-.00388
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51957**	**1.0174**	F **.53591**	**.52553**	**.50424**
Stddev	.00063	.0010	.01674	.00081	.00150
%RSD	.12169	.10251	3.1244	.15401	.29790
#1	.51889	1.0181	.52879	.52632	.50589
#2	.52014	1.0178	.52390	.52558	.50296
#3	.51969	1.0162	.55504	.52470	.50387
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			60.000		
Low Limit			40.000		

Sample Name: L2DVHCF Acquired: 6/4/2010 11:56:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51097**	**2.0036**	**9.7670**	**2.0124**	**1.0299**
Stddev	.00104	.0047	.0176	.0017	.0021
%RSD	.20300	.23566	.18071	.08244	.20076
#1	.51195	2.0069	9.7862	2.0141	1.0322
#2	.51107	2.0058	9.7514	2.0122	1.0285
#3	.50988	1.9982	9.7636	2.0108	1.0288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**1.0119**	**2.0100**	**.51225**	**.51197**
Stddev	.0018	.0079	.00187	.00135
%RSD	.17542	.39119	.36431	.26435
#1	1.0138	2.0187	.51049	.51354
#2	1.0102	2.0082	.51206	.51121
#3	1.0118	2.0033	.51420	.51117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2DVHCF Acquired: 6/4/2010 11:56:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3002.3**	**6838.0**	**102540.**	**15214.**
Stddev	14.6	34.2	552.	52.
%RSD	.48583	.50087	.53869	.33983
#1	2985.4	6798.5	103130.	15159.
#2	3010.0	6855.9	102470.	15222.
#3	3011.4	6859.5	102030.	15262.

Sample Name: L1796F Acquired: 6/4/2010 12:00:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00068**	**.01091**	**.00141**	**.00927**	**.09813**
Stddev	.00045	.01176	.00195	.00063	.00029
%RSD	65.685	107.80	138.30	6.8333	.29202
#1	-.00119	.00309	-.00039	.01000	.09801
#2	-.00052	.02443	.00349	.00888	.09791
#3	-.00034	.00521	.00114	.00894	.09845
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00027**	**30.850**	**-.00006**	**-.00014**	**.00000**
Stddev	.00003	.151	.00006	.00016	.0001
%RSD	11.950	.48941	92.405	115.37	3654.5
#1	-.00024	30.685	.00000	-.00010	.00011
#2	-.00031	30.886	-.00007	.00000	-.00008
#3	-.00028	30.980	-.00012	-.00031	-.00004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1796F Acquired: 6/4/2010 12:00:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00033**	**.01006**	**1.2819**	**.00094**	**17.219**
Stddev	.00222	.00124	.0575	.00165	.055
%RSD	679.48	12.319	4.4878	175.02	.31753
#1	.00025	.00958	1.2173	-.00010	17.178
#2	-.00185	.00914	1.3276	.00008	17.197
#3	.00259	.01147	1.3007	.00285	17.281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00105**	**-.00010**	**2.2562**	**.00003**	**.00047**
Stddev	.00067	.00032	.0087	.00021	.00058
%RSD	63.719	317.67	.38367	836.82	123.90
#1	.00176	.00025	2.2463	.00008	.00010
#2	.00044	-.00017	2.2606	-.00021	.00114
#3	.00094	-.00037	2.2619	.00021	.00017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1796F Acquired: 6/4/2010 12:00:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00030**	**.00004**	**5.3830**	**.00038**	**.05977**
Stddev	.00058	.00165	.0295	.00065	.00027
%RSD	192.96	4287.0	.54792	171.23	.44479
#1	-.00020	.00091	5.3495	-.00008	.05954
#2	.00016	-.00186	5.4052	.00112	.05971
#3	.00093	.00107	5.3942	.00010	.06006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00055**	**-.00057**	**.00013**	**.00172**
Stddev	.00186	.00075	.00035	.00015
%RSD	339.79	133.27	278.06	8.7286
#1	-.00018	-.00068	.00029	.00168
#2	-.00256	-.00125	.00036	.00189
#3	.00110	.00024	-.00028	.00159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L1796F Acquired: 6/4/2010 12:00:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2929.4**	**6724.2**	**100730.**	**14979.**
Stddev	21.7	52.2	415.	20.
%RSD	.74178	.77562	.41219	.13133
#1	2910.1	6678.5	101210.	14982.
#2	2952.9	6781.0	100550.	14958.
#3	2925.2	6713.1	100440.	14998.

Sample Name: L1798F Acquired: 6/4/2010 12:04:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00003**	**.00504**	**-.00089**	**.01774**	**.11287**
Stddev	.00017	.01300	.00152	.00051	.00036
%RSD	525.95	257.80	170.59	2.8883	.32102
#1	-.00003	.01926	.00076	.01799	.11261
#2	.00023	.00208	-.00121	.01808	.11329
#3	-.00010	-.00622	-.00224	.01715	.11272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**31.716**	**.00004**	**-.00007**	**.00060**
Stddev	.00001	.053	.00003	.00027	.00039
%RSD	3.1456	.16740	73.738	415.85	64.517
#1	-.00032	31.758	.00007	.00016	.00042
#2	-.00034	31.733	.00004	.00001	.00104
#3	-.00032	31.656	.00001	-.00037	.00034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1798F Acquired: 6/4/2010 12:04:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00144**	**.00366**	**2.2039**	**.00021**	**17.302**
Stddev	.00152	.00161	.0558	.00120	.052
%RSD	105.38	44.011	2.5338	574.60	.30313
#1	.00140	.00510	2.2541	-.00092	17.363
#2	-.00005	.00192	2.1438	.00146	17.269
#3	.00298	.00395	2.2136	.00008	17.274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**-.00062**	**9.1966**	**.00063**	**.00042**
Stddev	.00025	.00029	.0202	.00045	.00190
%RSD	71.079	46.778	.21949	72.121	457.39
#1	-.00043	-.00037	9.2037	.00092	-.00106
#2	-.00056	-.00094	9.2124	.00085	-.00026
#3	-.00007	-.00056	9.1739	.00011	.00256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1798F Acquired: 6/4/2010 12:04:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00188**	**.00041**	**4.7289**	**.00022**	**.05916**
Stddev	.00086	.00112	.0091	.00029	.00016
%RSD	45.901	270.27	.19269	133.43	.26995
#1	.00274	.00002	4.7337	.00041	.05925
#2	.00186	.00168	4.7345	-.00012	.05898
#3	.00102	-.00045	4.7184	.00037	.05925
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00058**	**-.00175**	**.00003**	**.00540**
Stddev	.00316	.00039	.00007	.00002
%RSD	543.79	22.013	206.73	.40227
#1	.00251	-.00194	-.00002	.00542
#2	-.00307	-.00131	.00001	.00539
#3	.00230	-.00201	.00011	.00538
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L1798F Acquired: 6/4/2010 12:04:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2944.1**	**6800.8**	**101280.**	**15202.**
Stddev	20.4	41.8	570.	83.
%RSD	.69333	.61463	.56242	.54422
#1	2930.9	6778.0	101770.	15113.
#2	2967.6	6849.0	101420.	15216.
#3	2933.9	6775.3	100660.	15277.

Sample Name: L179VF Acquired: 6/4/2010 12:08:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**.00542**	**-.00124**	**.01712**	**.11244**
Stddev	.00049	.00483	.00131	.00030	.00010
%RSD	153.27	89.230	105.98	1.7764	.09124
#1	.00024	.00954	-.00088	.01678	.11235
#2	-.00057	.00010	-.00014	.01737	.11244
#3	-.00064	.00661	-.00270	.01722	.11255
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00038**	**31.409**	**.00001**	**-.00016**	**.00072**
Stddev	.00003	.181	.00005	.00021	.00012
%RSD	8.6361	.57723	476.05	133.58	16.817
#1	-.00039	31.607	.00006	-.00006	.00081
#2	-.00035	31.252	-.00004	-.00040	.00058
#3	-.00041	31.368	.00001	-.00001	.00076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VF Acquired: 6/4/2010 12:08:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00012**	**.00415**	**2.0201**	**.00216**	**17.283**
Stddev	.00127	.00156	.0693	.00144	.013
%RSD	1049.9	37.565	3.4291	66.840	.07773
#1	.00120	.00247	1.9853	.00320	17.293
#2	.00044	.00442	1.9751	.00051	17.289
#3	-.00128	.00556	2.0998	.00277	17.268
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00039**	**-.00063**	**9.0944**	**.00066**	**.00059**
Stddev	.00031	.00002	.0328	.00081	.00102
%RSD	79.389	2.6548	.36114	121.65	174.86
#1	-.00005	-.00064	9.1247	.00157	.00142
#2	-.00045	-.00061	9.0595	.00002	-.00056
#3	-.00067	-.00065	9.0990	.00040	.00089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VF Acquired: 6/4/2010 12:08:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00111**	**.00087**	**4.7050**	**.00027**	**.05839**
Stddev	.00106	.00138	.0113	.00030	.00036
%RSD	96.075	159.15	.24014	110.60	.61589
#1	.00186	-.00047	4.7181	.00003	.05879
#2	.00157	.00078	4.6990	.00061	.05808
#3	-.00011	.00229	4.6980	.00018	.05831
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00039**	**-.00087**	**.00021**	**.00323**
Stddev	.00210	.00133	.00020	.00016
%RSD	532.61	151.82	96.064	5.0179
#1	-.00061	.00044	.00013	.00311
#2	-.00102	-.00084	.00006	.00318
#3	.00281	-.00221	.00044	.00342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L179VF Acquired: 6/4/2010 12:08:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2925.1**	**6761.9**	**100810.**	**15187.**
Stddev	13.1	39.2	898.	72.
%RSD	.44715	.57997	.89078	.47512
#1	2917.4	6735.0	101680.	15110.
#2	2940.2	6806.9	100850.	15252.
#3	2917.8	6743.7	99890.	15199.

Sample Name: CCV1-3 Acquired: 6/4/2010 12:13:20 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0028**	**25.691**	**.54168**	**2.0453**	**1.9964**
Stddev	.0006	.082	.00155	.0056	.0020
%RSD	.06244	.31917	.28602	.27236	.09808
#1	1.0034	25.697	.53991	2.0395	1.9941
#2	1.0022	25.606	.54233	2.0459	1.9976
#3	1.0027	25.770	.54280	2.0506	1.9974
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0560**	**51.759**	**.48722**	**2.0883**	**2.0123**
Stddev	.0025	.099	.00080	.0034	.0068
%RSD	.12359	.19078	.16405	.16474	.33942
#1	2.0584	51.796	.48789	2.0910	2.0047
#2	2.0533	51.647	.48743	2.0895	2.0146
#3	2.0563	51.833	.48634	2.0844	2.0178
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-3 Acquired: 6/4/2010 12:13:20 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9780**	**25.742**	**127.11**	**2.0295**	**51.213**
Stddev	.0079	.016	.51	.0032	.094
%RSD	.39812	.06031	.39793	.15567	.18431
#1	1.9762	25.729	127.10	2.0265	51.299
#2	1.9712	25.738	126.61	2.0290	51.112
#3	1.9866	25.759	127.62	2.0328	51.228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9781**	**2.0098**	**126.85**	**2.0836**	**.50791**
Stddev	.0035	.0011	.06	.0023	.00232
%RSD	.17592	.05627	.04862	.10861	.45712
#1	1.9790	2.0111	126.86	2.0860	.50973
#2	1.9811	2.0093	126.78	2.0832	.50870
#3	1.9743	2.0089	126.91	2.0815	.50529
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-3 Acquired: 6/4/2010 12:13:20 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50860**	**.51649**	**1.9919**	**1.9603**	**2.0249**
Stddev	.00248	.00271	.0083	.0023	.0062
%RSD	.48824	.52470	.41555	.11899	.30684
#1	.50825	.51541	1.9936	1.9591	2.0260
#2	.51124	.51450	1.9829	1.9630	2.0182
#3	.50631	.51958	1.9992	1.9588	2.0305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0299**	**1.0077**	**2.0512**	**2.0114**
Stddev	.0109	.0044	.0029	.0045
%RSD	.53618	.43569	.14354	.22512
#1	2.0359	1.0031	2.0479	2.0078
#2	2.0173	1.0119	2.0522	2.0164
#3	2.0364	1.0081	2.0535	2.0099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-3 Acquired: 6/4/2010 12:13:20 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2723.9**	**6551.1**	**95780.**	**14707.**
Stddev	13.3	30.5	995.	19.
%RSD	.48836	.46488	1.0390	.12634
#1	2721.7	6546.5	96911.	14718.
#2	2711.9	6523.2	95393.	14685.
#3	2738.2	6583.6	95037.	14717.

Sample Name: CCB3 Acquired: 6/4/2010 12:17:29 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00067**	**.02200**	**.00001**	**.00089**	**.00030**
Stddev	.00024	.00071	.00212	.00058	.00019
%RSD	35.521	3.2090	15878.	65.611	64.053
#1	-.00063	.02128	-.00222	.00156	.00023
#2	-.00093	.02269	.00199	.00052	.00052
#3	-.00045	.02203	.00028	.00058	.00016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00005**	**.01922**	**.00006**	**.00016**	**.00009**
Stddev	.00001	.00073	.00006	.00010	.00021
%RSD	27.305	3.7997	88.675	60.406	236.88
#1	.00004	.01848	.00010	.00023	.00002
#2	.00005	.01924	.00000	.00020	-.00008
#3	.00006	.01994	.00009	.00005	.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB3 Acquired: 6/4/2010 12:17:29 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00014**	**.00720**	**.04284**	**-.00009**	**.02536**
Stddev	.00057	.00117	.00953	.00044	.01894
%RSD	413.39	16.313	22.236	486.23	74.669
#1	-.00037	.00829	.04518	-.00031	.02615
#2	.00003	.00595	.03236	-.00037	.00604
#3	.00076	.00734	.05098	.00041	.04390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00010**	**.00123**	**.26427**	**.00046**	**-.00004**
Stddev	.00017	.00062	.00616	.00011	.00082
%RSD	170.03	50.167	2.3321	24.102	1934.9
#1	-.00024	.00190	.25924	.00040	-.00028
#2	-.00016	.00114	.27115	.00059	-.00072
#3	.00009	.00067	.26242	.00039	.00087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB3 Acquired: 6/4/2010 12:17:29 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00154**	**.00007**	**.00136**	**.00047**	**.00004**
Stddev	.00104	.00090	.00180	.00016	.00011
%RSD	67.401	1358.0	132.78	34.352	256.05
#1	.00266	.00091	.00321	.00064	-.00005
#2	.00061	-.00089	-.00039	.00033	.00016
#3	.00136	.00018	.00126	.00043	.00002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00050**	**-.00024**	**.00020**	**.00020**
Stddev	.00188	.00164	.00019	.00002
%RSD	376.74	673.60	97.807	8.0620
#1	-.00245	-.00019	-.00001	.00020
#2	-.00036	.00137	.00038	.00022
#3	.00131	-.00191	.00023	.00018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB3 Acquired: 6/4/2010 12:17:29 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3018.2**	**6864.5**	**101640.**	**14964.**
Stddev	2.8	3.3	165.	72.
%RSD	.09260	.04737	.16277	.47865
#1	3015.0	6860.8	101500.	14921.
#2	3019.5	6867.0	101820.	14924.
#3	3020.1	6865.6	101580.	15046.

Sample Name: L179VP5F Acquired: 6/4/2010 12:21:56 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00020**	**.00004**	**-.00162**	**.00331**	**.02135**
Stddev	.00026	.00216	.00081	.00030	.00028
%RSD	130.79	5559.1	49.783	9.0642	1.3232
#1	-.00038	-.00110	-.00242	.00357	.02157
#2	-.00031	-.00132	-.00080	.00298	.02146
#3	.00010	.00253	-.00165	.00339	.02103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00030**	**6.1309**	**.00003**	**.00012**	**.00009**
Stddev	.00001	.0205	.00004	.00015	.00022
%RSD	3.8505	.33402	140.19	123.05	246.81
#1	-.00029	6.1446	.00001	.00030	.00027
#2	-.00030	6.1073	.00000	.00002	.00016
#3	-.00031	6.1406	.00008	.00005	-.00016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VP5F Acquired: 6/4/2010 12:21:56 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00034**	**-.00045**	**.43032**	**-.00094**	**3.3904**
Stddev	.00107	.00142	.06345	.00107	.0129
%RSD	315.86	316.94	14.745	113.27	.38060
#1	-.00040	.00082	.40922	.00015	3.3780
#2	-.00015	-.00198	.50163	-.00199	3.4037
#3	.00156	-.00019	.38011	-.00099	3.3895
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00075**	**-.00027**	**1.8905**	**.00040**	**-.00008**
Stddev	.00062	.00020	.0041	.00007	.00024
%RSD	82.507	75.738	.21637	17.411	289.09
#1	-.00040	-.00019	1.8868	.00046	.00018
#2	-.00147	-.00012	1.8949	.00032	-.00014
#3	-.00039	-.00050	1.8897	.00042	-.00029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VP5F Acquired: 6/4/2010 12:21:56 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00061**	**-.00049**	**.90397**	**.00036**	**.01094**
Stddev	.00074	.00092	.00102	.00058	.00001
%RSD	121.88	187.56	.11315	159.40	.13327
#1	.00120	.00046	.90367	-.00009	.01096
#2	.00084	-.00139	.90510	.00102	.01093
#3	-.00022	-.00055	.90312	.00016	.01094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00029**	**-.00075**	**.00001**	**.00174**
Stddev	.00246	.00055	.00004	.00008
%RSD	845.71	72.591	489.92	4.5616
#1	.00047	-.00031	-.00003	.00166
#2	-.00225	-.00058	.00002	.00173
#3	.00265	-.00136	.00004	.00182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L179VP5F Acquired: 6/4/2010 12:21:56 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3002.2**	**6841.0**	**100890.**	**15247.**
Stddev	2.8	9.1	214.	8.
%RSD	.09180	.13276	.21165	.05034
#1	2999.1	6830.6	100960.	15239.
#2	3003.3	6847.3	101060.	15247.
#3	3004.2	6845.2	100650.	15255.

Sample Name: L179VSF Acquired: 6/4/2010 12:26:21 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05092**	**2.1470**	**2.1187**	**1.0691**	**2.1985**
Stddev	.00056	.0244	.0031	.0009	.0099
%RSD	1.0907	1.1372	.14430	.08093	.45127
#1	.05120	2.1190	2.1213	1.0682	2.1871
#2	.05028	2.1638	2.1195	1.0699	2.2034
#3	.05128	2.1581	2.1153	1.0693	2.2050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05265**	**31.526**	**.05097**	**.53411**	**.21090**
Stddev	.00037	.215	.00003	.00063	.00015
%RSD	.69831	.68259	.06546	.11803	.07034
#1	.05223	31.280	.05097	.53364	.21101
#2	.05281	31.682	.05093	.53388	.21096
#3	.05292	31.615	.05100	.53483	.21073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VSF Acquired: 6/4/2010 12:26:21 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25628**	**1.1033**	**2.0345**	**1.0472**	**17.151**
Stddev	.00461	.0117	.0274	.0067	.085
%RSD	1.7985	1.0628	1.3466	.63972	.49389
#1	.25402	1.0916	2.0420	1.0398	17.054
#2	.26158	1.1150	2.0574	1.0530	17.207
#3	.25324	1.1034	2.0042	1.0487	17.193
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.52275**	**1.0415**	**9.0214**	**.53244**	**.51844**
Stddev	.00069	.0011	.0573	.00096	.00074
%RSD	.13231	.10869	.63480	.18077	.14199
#1	.52203	1.0414	8.9604	.53208	.51772
#2	.52282	1.0427	9.0741	.53170	.51919
#3	.52340	1.0404	9.0295	.53353	.51842
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VSF Acquired: 6/4/2010 12:26:21 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.52517**	**2.0567**	**14.601**	**2.0504**	**1.1149**
Stddev	.00057	.0053	.097	.0022	.0094
%RSD	.10874	.25745	.66320	.10911	.84185
#1	.52494	2.0552	14.493	2.0486	1.1044
#2	.52582	2.0626	14.631	2.0529	1.1224
#3	.52475	2.0524	14.679	2.0496	1.1181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**1.0366**	**2.0878**	**.53254**	**.52341**
Stddev	.0032	.0046	.00116	.00142
%RSD	.30902	.22107	.21839	.27131
#1	1.0332	2.0828	.53256	.52182
#2	1.0396	2.0887	.53137	.52457
#3	1.0370	2.0919	.53370	.52384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L179VSF Acquired: 6/4/2010 12:26:21 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2904.1**	**6710.4**	**99872.**	**14965.**
Stddev	12.5	34.4	596.	142.
%RSD	.43074	.51262	.59701	.95000
#1	2891.0	6678.7	99454.	15128.
#2	2905.5	6705.6	100560.	14868.
#3	2915.9	6747.0	99608.	14898.

Sample Name: L179VDF Acquired: 6/4/2010 12:30:27 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05019**	**2.1207**	**2.0817**	**1.0453**	**2.1680**
Stddev	.00037	.0135	.0035	.0001	.0016
%RSD	.72865	.63511	.16923	.01181	.07218
#1	.05022	2.1358	2.0776	1.0453	2.1693
#2	.05054	2.1098	2.0835	1.0454	2.1663
#3	.04981	2.1165	2.0839	1.0451	2.1683
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05186**	**31.096**	**.05020**	**.52731**	**.20706**
Stddev	.00015	.113	.00013	.00067	.00048
%RSD	.28543	.36392	.25780	.12639	.23296
#1	.05202	31.194	.05028	.52780	.20738
#2	.05183	31.121	.05005	.52759	.20730
#3	.05172	30.972	.05025	.52655	.20651
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VDF Acquired: 6/4/2010 12:30:27 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25039**	**1.0895**	**1.9809**	**1.0290**	**16.956**
Stddev	.00263	.0013	.1320	.0042	.028
%RSD	1.0512	.12235	6.6648	.41009	.16239
#1	.25179	1.0892	1.9971	1.0335	16.952
#2	.25203	1.0910	2.1041	1.0285	16.986
#3	.24735	1.0883	1.8416	1.0251	16.931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51589**	**1.0171**	**8.8697**	**.52549**	**.51179**
Stddev	.00069	.0007	.0100	.00117	.00066
%RSD	.13352	.07030	.11269	.22291	.12927
#1	.51620	1.0174	8.8804	.52673	.51233
#2	.51636	1.0163	8.8606	.52440	.51199
#3	.51510	1.0177	8.8680	.52534	.51105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VDF Acquired: 6/4/2010 12:30:27 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50822**	**2.0249**	**14.333**	**2.0010**	**1.0975**
Stddev	.00288	.0017	.013	.0020	.0023
%RSD	.56728	.08522	.09026	.09904	.20550
#1	.51155	2.0261	14.338	1.9998	1.1001
#2	.50667	2.0230	14.343	1.9999	1.0959
#3	.50644	2.0257	14.319	2.0033	1.0966
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**1.0112**	**2.0447**	**.52368**	**.51058**
Stddev	.0042	.0059	.00053	.00138
%RSD	.41978	.29059	.10047	.27023
#1	1.0160	2.0515	.52353	.51172
#2	1.0098	2.0421	.52325	.50905
#3	1.0078	2.0405	.52427	.51098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L179VDF Acquired: 6/4/2010 12:30:27 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2932.4**	**6796.7**	**100690.**	**15333.**
Stddev	18.7	44.6	282.	55.
%RSD	.63659	.65689	.27957	.35630
#1	2921.8	6774.5	100720.	15285.
#2	2954.0	6848.1	100960.	15323.
#3	2921.6	6767.6	100400.	15393.

Sample Name: L1839F Acquired: 6/4/2010 12:34:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**.00999**	**.00098**	**.03172**	**.06748**
Stddev	.00019	.01192	.00147	.00053	.00008
%RSD	53.027	119.34	150.43	1.6563	.11204
#1	-.00036	.01658	-.00049	.03210	.06753
#2	-.00017	.01715	.00097	.03112	.06739
#3	-.00055	-.00377	.00245	.03194	.06751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00034**	**17.923**	**.00000**	**.00021**	**.00063**
Stddev	.00003	.028	.00005	.00012	.00002
%RSD	9.0386	.15719	1418.3	57.176	3.2295
#1	-.00031	17.956	.00001	.00034	.00065
#2	-.00037	17.905	-.00005	.00019	.00062
#3	-.00034	17.909	.00005	.00010	.00062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1839F Acquired: 6/4/2010 12:34:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00234**	**.02186**	**3.0250**	**-.00070**	**6.5082**
Stddev	.00419	.00158	.0284	.00045	.0172
%RSD	179.54	7.2408	.93828	63.254	.26434
#1	.00602	.02352	3.0306	-.00026	6.5281
#2	-.00223	.02169	2.9942	-.00115	6.4978
#3	.00321	.02037	3.0501	-.00070	6.4987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04191**	**.00649**	**15.752**	**.00145**	**.00004**
Stddev	.00032	.00020	.020	.00045	.00130
%RSD	.75230	3.1177	.12626	30.737	3052.0
#1	.04205	.00664	15.771	.00117	.00135
#2	.04155	.00657	15.731	.00196	-.00126
#3	.04212	.00626	15.753	.00122	.00005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1839F Acquired: 6/4/2010 12:34:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00076**	**-.00040**	**2.2800**	**.00053**	**.05378**
Stddev	.00068	.00166	.0015	.00013	.00017
%RSD	89.762	414.58	.06582	25.144	.31235
#1	.00107	.00033	2.2794	.00039	.05397
#2	-.00002	.00077	2.2817	.00066	.05367
#3	.00123	-.00230	2.2789	.00054	.05370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00050**	**.00057**	**.00118**	**.00927**
Stddev	.00005	.00180	.00023	.00012
%RSD	10.668	318.46	19.778	1.3247
#1	.00045	-.00128	.00105	.00941
#2	.00056	.00064	.00145	.00922
#3	.00050	.00233	.00104	.00918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L1839F Acquired: 6/4/2010 12:34:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2967.9**	**6780.2**	**100880.**	**15116.**
Stddev	8.5	15.0	242.	137.
%RSD	.28568	.22190	.23943	.90435
#1	2960.2	6766.6	100820.	14963.
#2	2977.0	6796.4	100670.	15158.
#3	2966.6	6777.6	101140.	15226.

Sample Name: L184NF Acquired: 6/4/2010 12:38:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00038**	**.00761**	**-.00201**	**.01855**	**.06216**
Stddev	.00022	.00919	.00160	.00032	.00041
%RSD	58.732	120.68	79.710	1.7011	.65541
#1	-.00062	.01734	-.00068	.01861	.06263
#2	-.00018	.00642	-.00156	.01884	.06197
#3	-.00034	-.00092	-.00379	.01821	.06188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**15.324**	**-.00002**	**-.00010**	**.00049**
Stddev	.00003	.025	.00004	.00004	.00014
%RSD	7.3379	.16423	246.85	42.232	28.547
#1	-.00039	15.348	-.00004	-.00014	.00060
#2	-.00034	15.326	-.00004	-.00009	.00054
#3	-.00036	15.297	.00003	-.00006	.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184NF Acquired: 6/4/2010 12:38:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00296**	**.02303**	**2.6136**	**.00020**	**5.3862**
Stddev	.00187	.00029	.0845	.00135	.0559
%RSD	63.217	1.2636	3.2325	675.46	1.0376
#1	.00102	.02323	2.6788	-.00084	5.4478
#2	.00309	.02316	2.6437	-.00029	5.3721
#3	.00476	.02270	2.5181	.00172	5.3388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00396**	**.00005**	**12.371**	**.00101**	**.00036**
Stddev	.00013	.00028	.017	.00013	.00066
%RSD	3.2447	548.30	.14048	13.340	183.79
#1	.00383	.00023	12.362	.00086	-.00017
#2	.00396	.00019	12.391	.00106	.00109
#3	.00408	-.00027	12.360	.00111	.00015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184NF Acquired: 6/4/2010 12:38:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00119**	**.00183**	**2.0521**	**.00068**	**.04882**
Stddev	.00110	.00162	.0061	.00066	.00009
%RSD	93.055	88.336	.29667	97.228	.18203
#1	.00246	.00365	2.0585	.00114	.04886
#2	.00050	.00056	2.0464	.00098	.04888
#3	.00060	.00128	2.0513	-.00008	.04872
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00049**	**-.00042**	**.00083**	**.00806**
Stddev	.00063	.00111	.00019	.00011
%RSD	128.57	266.07	23.002	1.3448
#1	.00056	-.00071	.00099	.00813
#2	-.00017	-.00135	.00087	.00812
#3	.00109	.00081	.00062	.00794
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L184NF Acquired: 6/4/2010 12:38:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2971.4**	**6760.5**	**101460.**	**14881.**
Stddev	31.3	69.1	893.	14.
%RSD	1.0520	1.0219	.88020	.09119
#1	2961.7	6733.6	101830.	14896.
#2	2946.2	6709.0	102110.	14869.
#3	3006.4	6839.0	100440.	14878.

Sample Name: L184PF Acquired: 6/4/2010 12:43:17 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00103**	**.01284**	**-.00077**	**.01934**	**.06392**
Stddev	.00011	.00747	.00170	.00040	.00040
%RSD	10.915	58.172	220.72	2.0734	.62820
#1	-.00101	.01848	-.00038	.01955	.06438
#2	-.00093	.01567	-.00264	.01960	.06373
#3	-.00116	.00437	.00070	.01888	.06365
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00033**	**16.176**	**-.00005**	**.00006**	**-.00014**
Stddev	.00003	.077	.00007	.00019	.00015
%RSD	8.9514	.47674	128.66	290.71	107.06
#1	-.00036	16.265	-.00013	-.00003	-.00012
#2	-.00030	16.131	-.00005	-.00006	.00000
#3	-.00033	16.132	.00001	.00028	-.00030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184PF Acquired: 6/4/2010 12:43:17 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00306**	**.03352**	**2.7208**	**-.00004**	**5.7168**
Stddev	.00151	.00122	.0726	.00034	.0101
%RSD	49.346	3.6503	2.6676	854.23	.17636
#1	.00249	.03492	2.7658	-.00043	5.7274
#2	.00477	.03291	2.6371	.00016	5.7073
#3	.00192	.03271	2.7596	.00015	5.7157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00420**	**-.00005**	**13.032**	**.00102**	**-.00036**
Stddev	.00037	.00026	.046	.00037	.00031
%RSD	8.9275	521.65	.35021	36.357	85.268
#1	.00382	-.00021	13.084	.00080	-.00016
#2	.00421	-.00018	13.015	.00145	-.00072
#3	.00456	.00025	12.997	.00081	-.00021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184PF Acquired: 6/4/2010 12:43:17 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00012**	**-.00019**	**2.2561**	**.00007**	**.05088**
Stddev	.00114	.00370	.0094	.00069	.00030
%RSD	993.53	1919.5	.41790	1016.2	.58437
#1	.00108	-.00094	2.2559	-.00024	.05121
#2	-.00120	.00383	2.2467	.00085	.05081
#3	-.00023	-.00346	2.2656	-.00041	.05063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00008**	**-.00172**	**.00096**	**.00427**
Stddev	.00124	.00148	.00022	.00005
%RSD	1477.9	85.966	23.447	1.0763
#1	-.00113	-.00001	.00121	.00424
#2	-.00041	-.00249	.00080	.00432
#3	.00129	-.00264	.00086	.00425
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L184PF Acquired: 6/4/2010 12:43:17 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2988.7**	**6837.6**	**101520.**	**15288.**
Stddev	20.6	40.3	494.	25.
%RSD	.68765	.58963	.48699	.16570
#1	2967.3	6794.8	101680.	15267.
#2	3008.3	6874.9	101920.	15282.
#3	2990.5	6843.1	100970.	15316.

Sample Name: L184QF Acquired: 6/4/2010 12:47:40 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00033**	**.00902**	**.00005**	**.01927**	**.06396**
Stddev	.00042	.00711	.00174	.00036	.00015
%RSD	128.95	78.808	3441.6	1.8664	.23738
#1	-.00014	.00115	.00165	.01964	.06413
#2	-.00082	.01093	.00030	.01892	.06388
#3	-.00003	.01498	-.00180	.01924	.06386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**16.432**	**-.00005**	**-.00008**	**.00065**
Stddev	.00007	.084	.00003	.00004	.00047
%RSD	19.097	.51037	48.043	45.321	72.895
#1	-.00039	16.521	-.00003	-.00004	.00088
#2	-.00042	16.354	-.00008	-.00011	.00010
#3	-.00029	16.421	-.00004	-.00007	.00096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184QF Acquired: 6/4/2010 12:47:40 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00106**	**.02251**	**2.5448**	**-.00110**	**5.8342**
Stddev	.00075	.00140	.0486	.00033	.0417
%RSD	70.812	6.2126	1.9079	29.826	.71495
#1	.00031	.02141	2.5997	-.00103	5.8746
#2	.00107	.02409	2.5275	-.00146	5.7913
#3	.00181	.02204	2.5073	-.00082	5.8366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00964**	**-.00001**	**12.666**	**.00017**	**-.00011**
Stddev	.00045	.00016	.080	.00049	.00056
%RSD	4.6190	1083.0	.62902	285.76	499.93
#1	.00983	.00010	12.754	.00062	-.00065
#2	.00996	-.00019	12.600	.00024	-.00016
#3	.00913	.00004	12.644	-.00035	.00048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184QF Acquired: 6/4/2010 12:47:40 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00151**	**.00218**	**2.3387**	**-.00011**	**.05164**
Stddev	.00096	.00081	.0112	.00020	.00021
%RSD	63.778	37.038	.47895	183.06	.40143
#1	.00174	.00129	2.3432	-.00023	.05177
#2	.00233	.00286	2.3260	.00012	.05140
#3	.00045	.00239	2.3470	-.00022	.05176
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00095**	**-.00115**	**.00077**	**.00422**
Stddev	.00071	.00071	.00033	.00010
%RSD	73.846	61.257	43.191	2.2764
#1	.00169	-.00112	.00051	.00423
#2	.00089	-.00187	.00066	.00412
#3	.00028	-.00046	.00114	.00431
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L184QF Acquired: 6/4/2010 12:47:40 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2984.6**	**6814.5**	**100840.**	**15277.**
Stddev	14.6	27.6	324.	112.
%RSD	.48922	.40522	.32094	.73241
#1	2968.5	6784.7	101100.	15156.
#2	2997.0	6839.3	100940.	15376.
#3	2988.2	6819.5	100480.	15298.

Sample Name: L184TF Acquired: 6/4/2010 12:52:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00028**	**.01751**	**.00044**	**.01674**	**.06132**
Stddev	.00058	.00863	.00296	.00016	.00066
%RSD	209.22	49.296	679.28	.94152	1.0746
#1	-.00077	.01391	-.00281	.01672	.06208
#2	.00036	.01127	.00114	.01659	.06087
#3	-.00043	.02736	.00298	.01690	.06102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00030**	**15.194**	**-.00002**	**.00002**	**.00016**
Stddev	.00006	.071	.00008	.00018	.00009
%RSD	20.635	.46759	474.85	873.02	51.966
#1	-.00031	15.226	-.00004	.00002	.00011
#2	-.00035	15.243	-.00008	-.00016	.00012
#3	-.00023	15.113	.00007	.00021	.00026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184TF Acquired: 6/4/2010 12:52:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00224**	**.02673**	**2.5472**	**-.00097**	**5.3407**
Stddev	.00111	.00084	.0402	.00055	.0351
%RSD	49.582	3.1545	1.5787	56.581	.65777
#1	.00342	.02751	2.5121	-.00101	5.3297
#2	.00207	.02686	2.5385	-.00040	5.3799
#3	.00122	.02583	2.5911	-.00149	5.3123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00405**	**-.00027**	**12.238**	**.00087**	**-.00078**
Stddev	.00026	.00014	.053	.00015	.00021
%RSD	6.5298	52.980	.43113	16.821	27.207
#1	.00385	-.00039	12.250	.00080	-.00059
#2	.00394	-.00030	12.283	.00077	-.00073
#3	.00435	-.00011	12.180	.00104	-.00101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184TF Acquired: 6/4/2010 12:52:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00082**	**-.00044**	**2.0319**	**.00001**	**.04818**
Stddev	.00102	.00025	.0019	.00017	.00016
%RSD	123.46	56.118	.09205	1770.9	.33598
#1	.00142	-.00021	2.0322	.00006	.04833
#2	.00140	-.00042	2.0336	-.00017	.04821
#3	-.00035	-.00070	2.0299	.00015	.04801
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00197**	**-.00252**	**.00069**	**.04852**
Stddev	.00096	.00087	.00028	.00021
%RSD	48.707	34.569	40.551	.44167
#1	.00297	-.00163	.00100	.04828
#2	.00105	-.00337	.00056	.04868
#3	.00191	-.00255	.00049	.04861
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L184TF Acquired: 6/4/2010 12:52:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2985.6**	**6797.6**	**101440.**	**14877.**
Stddev	11.6	23.2	121.	185.
%RSD	.38735	.34059	.11897	1.2439
#1	2972.7	6771.3	101460.	14699.
#2	2988.8	6814.6	101310.	14863.
#3	2995.2	6807.0	101550.	15069.

Sample Name: L18AAF Acquired: 6/4/2010 12:56:25 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00098**	**-.00243**	**-.00113**	**-.00217**	**-.00088**
Stddev	.00032	.01824	.00191	.00032	.00023
%RSD	32.342	749.80	168.80	14.850	25.698
#1	-.00120	-.01273	-.00238	-.00249	-.00088
#2	-.00062	-.01319	-.00207	-.00185	-.00066
#3	-.00112	.01862	.00107	-.00216	-.00111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**.00841**	**.00001**	**-.00021**	**.00010**
Stddev	.00005	.00208	.00004	.00007	.00017
%RSD	15.065	24.710	730.43	34.244	178.89
#1	-.00036	.00863	-.00003	-.00014	-.00002
#2	-.00027	.00623	-.00001	-.00020	.00029
#3	-.00030	.01036	.00005	-.00028	.00002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L18AAF Acquired: 6/4/2010 12:56:25 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00056**	**-.00240**	**.01655**	**-.00101**	**-.01466**
Stddev	.00108	.00064	.02954	.00148	.01103
%RSD	194.07	26.730	178.48	147.58	75.223
#1	-.00177	-.00166	.05016	-.00130	-.02310
#2	.00031	-.00280	-.00532	.00060	-.01870
#3	-.00021	-.00273	.00482	-.00232	-.00218
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**-.00107**	**.25543**	**.00015**	**-.00103**
Stddev	.00037	.00016	.00731	.00011	.00105
%RSD	101.05	14.563	2.8632	71.866	102.16
#1	.00002	-.00100	.26211	.00027	-.00013
#2	-.00071	-.00095	.25655	.00008	-.00219
#3	-.00039	-.00125	.24761	.00009	-.00077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L18AAF Acquired: 6/4/2010 12:56:25 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00027**	**.00136**	**.02656**	**.00050**	**-.00038**
Stddev	.00103	.00146	.00398	.00064	.00004
%RSD	380.53	107.37	14.980	127.47	11.075
#1	.00045	.00031	.03109	-.00023	-.00033
#2	-.00145	.00073	.02366	.00077	-.00039
#3	.00019	.00302	.02492	.00097	-.00041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00027**	**-.00084**	**-.00041**	**-.00010**
Stddev	.00116	.00130	.00012	.00006
%RSD	436.49	154.14	28.136	55.083
#1	-.00002	-.00196	-.00052	-.00004
#2	-.00153	-.00115	-.00029	-.00015
#3	.00076	.00058	-.00043	-.00012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L18AAF Acquired: 6/4/2010 12:56:25 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3033.4**	**6915.4**	**103090.**	**15371.**
Stddev	1.9	2.6	799.	126.
%RSD	.06239	.03783	.77499	.82070
#1	3035.6	6915.2	104000.	15259.
#2	3032.4	6918.2	102520.	15345.
#3	3032.2	6913.0	102730.	15508.

Sample Name: L2E7DBF Acquired: 6/4/2010 13:00:49 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00057**	**.00319**	**-.00079**	**-.00317**	**-.00062**
Stddev	.00033	.00714	.00085	.00041	.00030
%RSD	57.970	223.63	108.22	12.861	49.228
#1	-.00068	.01142	-.00014	-.00337	-.00090
#2	-.00020	-.00149	-.00047	-.00270	-.00066
#3	-.00082	-.00035	-.00176	-.00344	-.00029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00028**	**-.00566**	**-.00007**	**-.00022**	**-.00017**
Stddev	.00002	.00247	.00003	.00022	.00040
%RSD	5.8542	43.633	37.968	100.36	234.23
#1	-.00026	-.00281	-.00004	-.00015	-.00055
#2	-.00029	-.00694	-.00009	-.00046	-.00022
#3	-.00029	-.00722	-.00009	-.00004	.00025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2E7DBF Acquired: 6/4/2010 13:00:49 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00144**	**-.00100**	**.03067**	**-.00071**	**.00179**
Stddev	.00222	.00184	.01743	.00040	.00627
%RSD	154.69	184.17	56.820	56.485	350.74
#1	-.00027	-.00232	.01160	-.00100	.00329
#2	-.00400	.00110	.04577	-.00088	.00717
#3	-.00004	-.00177	.03464	-.00025	-.00510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00046**	**-.00100**	**.22466**	**-.00028**	**-.00087**
Stddev	.00017	.00019	.01073	.00022	.00164
%RSD	37.251	18.647	4.7784	77.752	188.38
#1	-.00063	-.00079	.22731	-.00003	-.00276
#2	-.00029	-.00116	.21284	-.00044	.00019
#3	-.00045	-.00104	.23382	-.00038	-.00004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2E7DBF Acquired: 6/4/2010 13:00:49 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00054**	**.00122**	**.00974**	**-.00022**	**-.00038**
Stddev	.00063	.00171	.01127	.00076	.00009
%RSD	117.48	140.82	115.77	337.71	22.566
#1	.00095	-.00053	-.00240	-.00110	-.00030
#2	.00085	.00128	.01988	.00028	-.00047
#3	-.00019	.00289	.01173	.00015	-.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00186**	**-.00120**	**-.00012**	**-.00032**
Stddev	.00089	.00111	.00026	.00013
%RSD	48.050	92.342	217.69	39.310
#1	.00133	-.00037	.00009	-.00046
#2	.00136	-.00246	-.00004	-.00029
#3	.00289	-.00077	-.00041	-.00021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2E7DBF Acquired: 6/4/2010 13:00:49 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3060.5**	**6960.6**	**103490.**	**15251.**
Stddev	13.4	31.5	299.	163.
%RSD	.43680	.45208	.28849	1.0667
#1	3049.1	6936.6	103630.	15434.
#2	3075.2	6996.2	103690.	15121.
#3	3057.1	6948.9	103150.	15200.

Sample Name: CCV1-4 Acquired: 6/4/2010 13:05:15 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99532**	**26.018**	**.53909**	**2.0394**	**2.0067**
Stddev	.00103	.166	.00125	.0022	.0046
%RSD	.10327	.63706	.23101	.10523	.22859
#1	.99627	26.088	.53959	2.0419	2.0101
#2	.99423	25.829	.53767	2.0382	2.0015
#3	.99548	26.137	.54001	2.0381	2.0087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0724**	**52.179**	**.48901**	**2.0979**	**2.0120**
Stddev	.0118	.308	.00085	.0033	.0060
%RSD	.56864	.58958	.17442	.15530	.29729
#1	2.0743	52.259	.48972	2.1009	2.0179
#2	2.0598	51.840	.48925	2.0944	2.0121
#3	2.0831	52.439	.48806	2.0984	2.0059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-4 Acquired: 6/4/2010 13:05:15 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9978**	**25.909**	**128.85**	**2.0453**	**51.329**
Stddev	.0123	.099	1.16	.0081	.184
%RSD	.61698	.38083	.89804	.39838	.35823
#1	2.0026	25.971	129.46	2.0489	51.353
#2	1.9838	25.795	127.51	2.0360	51.135
#3	2.0071	25.961	129.57	2.0510	51.500
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9874**	**2.0132**	**127.92**	**2.0901**	**.50851**
Stddev	.0065	.0018	.52	.0027	.00148
%RSD	.32560	.08722	.40396	.13039	.29048
#1	1.9901	2.0147	128.07	2.0922	.50999
#2	1.9800	2.0136	127.35	2.0870	.50704
#3	1.9921	2.0113	128.35	2.0911	.50849
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-4 Acquired: 6/4/2010 13:05:15 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50849**	**.51726**	**2.0100**	**1.9616**	**2.0512**
Stddev	.00236	.00354	.0033	.0035	.0134
%RSD	.46497	.68476	.16421	.17800	.65190
#1	.50980	.52125	2.0064	1.9650	2.0557
#2	.50991	.51606	2.0129	1.9580	2.0362
#3	.50576	.51447	2.0107	1.9617	2.0618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0464**	**1.0036**	**2.0508**	**2.0066**
Stddev	.0121	.0037	.0052	.0017
%RSD	.58879	.37152	.25538	.08334
#1	2.0493	1.0005	2.0566	2.0061
#2	2.0331	1.0024	2.0492	2.0051
#3	2.0567	1.0077	2.0465	2.0084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-4 Acquired: 6/4/2010 13:05:15 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2707.9**	**6522.2**	**95444.**	**14721.**
Stddev	3.7	15.5	705.	256.
%RSD	.13633	.23754	.73830	1.7357
#1	2703.6	6511.9	94705.	14649.
#2	2709.7	6514.8	95517.	15005.
#3	2710.4	6540.0	96109.	14510.

Sample Name: CCB4 Acquired: 6/4/2010 13:09:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**.01772**	**-.00015**	**.00030**	**.00006**
Stddev	.00016	.00132	.00088	.00034	.00029
%RSD	143.98	7.4361	590.14	113.59	504.50
#1	.00004	.01620	.00044	.00069	-.00025
#2	-.00028	.01847	-.00117	.00016	.00010
#3	-.00009	.01850	.00028	.00005	.00032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00001**	**.01917**	**.00006**	**.00053**	**.00049**
Stddev	.00004	.00219	.00003	.00018	.00028
%RSD	362.33	11.441	43.442	33.995	57.286
#1	.00003	.02166	.00003	.00032	.00067
#2	.00004	.01833	.00006	.00064	.00017
#3	-.00004	.01752	.00009	.00062	.00063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB4 Acquired: 6/4/2010 13:09:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00008**	**.00685**	**.04619**	**-.00060**	**.02051**
Stddev	.00079	.00067	.02584	.00057	.00371
%RSD	980.82	9.7747	55.946	93.905	18.100
#1	.00080	.00623	.06099	-.00051	.01952
#2	-.00032	.00756	.06124	-.00121	.01739
#3	-.00072	.00676	.01635	-.00009	.02462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00000**	**.00130**	**.16200**	**.00060**	**-.00063**
Stddev	.00057	.00015	.01152	.00005	.00064
%RSD	46640.	11.269	7.1103	8.7539	101.16
#1	.00038	.00140	.14870	.00064	-.00100
#2	.00027	.00113	.16848	.00054	-.00101
#3	-.00065	.00136	.16882	.00061	.00011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB4 Acquired: 6/4/2010 13:09:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00146**	**.00061**	**.00201**	**.00073**	**-.00004**
Stddev	.00077	.00097	.00657	.00014	.00004
%RSD	52.957	157.46	325.86	19.371	86.928
#1	.00086	.00093	-.00420	.00089	.00000
#2	.00234	.00138	.00136	.00066	-.00007
#3	.00118	-.00047	.00888	.00063	-.00006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00156**	**.00004**	**-.00012**	**.00010**
Stddev	.00152	.00110	.00021	.00015
%RSD	97.871	2732.4	167.83	152.75
#1	-.00016	.00101	-.00012	.00005
#2	.00274	-.00116	-.00033	-.00002
#3	.00210	.00027	.00008	.00026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB4 Acquired: 6/4/2010 13:09:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3021.6**	**6871.6**	**101780.**	**15207.**
Stddev	8.7	26.3	182.	134.
%RSD	.28889	.38223	.17922	.88437
#1	3023.2	6883.8	101570.	15347.
#2	3029.4	6889.5	101880.	15196.
#3	3012.2	6841.4	101880.	15079.

Sample Name: L2E7DCF Acquired: 6/4/2010 13:13:51 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04826**	**1.9611**	**1.9649**	**.98538**	**1.9063**
Stddev	.00008	.0178	.0013	.00170	.0061
%RSD	.17167	.90815	.06805	.17270	.32227
#1	.04827	1.9470	1.9649	.98444	1.8993
#2	.04834	1.9553	1.9662	.98735	1.9084
#3	.04817	1.9812	1.9636	.98436	1.9110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04822**	F **-.00148**	**.04840**	**.49344**	**.19484**
Stddev	.00026	.00074	.00016	.00180	.00055
%RSD	.53123	49.787	.33547	.36459	.28239
#1	.04796	-.00088	.04851	.49540	.19421
#2	.04822	-.00127	.04822	.49187	.19519
#3	.04848	-.00231	.04848	.49304	.19513
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2E7DCF Acquired: 6/4/2010 13:13:51 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.23916**	**1.0180**	F **-.08147**	**.94847**	F **.00816**
Stddev	.00191	.0067	.06837	.00715	.00315
%RSD	.79721	.65538	83.918	.75372	38.586
#1	.23734	1.0108	-.13076	.94022	.00886
#2	.24114	1.0240	-.11024	.95282	.00472
#3	.23898	1.0190	-.00342	.95238	.01091
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.48672**	F **-.00066**	F **.10009**	**.49545**	**.48101**
Stddev	.00089	.00014	.00495	.00048	.00228
%RSD	.18226	20.374	4.9459	.09744	.47448
#1	.48572	-.00080	.10483	.49581	.47857
#2	.48742	-.00053	.10048	.49563	.48136
#3	.48701	-.00066	.09496	.49490	.48309
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit		1.2000	60.000		
Low Limit		.80000	40.000		

Sample Name: L2E7DCF Acquired: 6/4/2010 13:13:51 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	F **-.00008**	**2.0013**	F **.00692**	F **.00003**	**.95776**
Stddev	.00121	.0090	.00223	.00019	.00663
%RSD	1436.7	.44970	32.230	724.60	.69248
#1	-.00131	2.0006	.00947	.00003	.95074
#2	.00111	2.0106	.00533	-.00017	.95862
#3	-.00005	1.9927	.00597	.00022	.96392
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit	.60000		12.000	2.4000	
Low Limit	.40000		8.0000	1.6000	

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	F **.00039**	**1.9421**	**.48194**	**.49641**
Stddev	.00035	.0013	.00109	.00064
%RSD	89.839	.06809	.22705	.12898
#1	.00009	1.9427	.48077	.49676
#2	.00077	1.9430	.48295	.49680
#3	.00030	1.9406	.48210	.49567
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	1.2000			
Low Limit	.80000			

Sample Name: L2E7DCF Acquired: 6/4/2010 13:13:51 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3106.2**	**7074.0**	**105330.**	**15694.**
Stddev	23.0	50.1	1295.	62.
%RSD	.74089	.70754	1.2294	.39486
#1	3094.3	7045.7	106580.	15764.
#2	3132.7	7131.8	105430.	15647.
#3	3091.6	7044.4	103990.	15672.

Sample Name: L2D0EF Acquired: 6/4/2010 13:18:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00022**	**.02658**	**.00402**	**7.0957**	**.01263**
Stddev	.00051	.01157	.00032	.0029	.00034
%RSD	235.64	43.531	7.8458	.04017	2.6577
#1	-.00077	.02855	.00372	7.0985	.01293
#2	.00023	.01415	.00435	7.0928	.01268
#3	-.00010	.03703	.00398	7.0959	.01227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00007**	**227.12**	**-.00002**	**.00100**	**.00019**
Stddev	.00003	3.33	.00003	.00017	.00016
%RSD	45.291	1.4648	160.88	17.043	82.884
#1	-.00004	228.96	-.00003	.00100	.00022
#2	-.00006	229.11	-.00005	.00117	.00002
#3	-.00010	223.27	.00002	.00083	.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EF Acquired: 6/4/2010 13:18:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00213**	**.52150**	**3.6436**	**.06481**	**117.97**
Stddev	.00110	.00392	.1030	.00029	.27
%RSD	51.573	.75243	2.8268	.45124	.22773
#1	.00258	.52221	3.5330	.06449	117.87
#2	.00088	.52503	3.6610	.06487	118.27
#3	.00294	.51728	3.7368	.06507	117.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.34636**	**.00005**	**107.53**	**.00254**	**.00102**
Stddev	.00024	.00008	.25	.00019	.00109
%RSD	.06971	152.93	.23006	7.5072	106.53
#1	.34625	.00004	107.61	.00267	-.00019
#2	.34664	.00014	107.73	.00261	.00135
#3	.34619	-.00002	107.25	.00232	.00192
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EF Acquired: 6/4/2010 13:18:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00088**	**.00041**	**6.7490**	**.00034**	**.44703**
Stddev	.00179	.00079	.0150	.00027	.00056
%RSD	202.19	193.39	.22210	77.155	.12634
#1	-.00057	.00109	6.7432	.00036	.44757
#2	.00035	.00059	6.7661	.00060	.44708
#3	.00288	-.00046	6.7379	.00007	.44645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00507**	**-.00079**	**.00060**	**.00540**
Stddev	.00205	.00214	.00038	.00012
%RSD	40.477	271.95	64.147	2.2156
#1	.00740	.00002	.00100	.00527
#2	.00353	.00084	.00023	.00541
#3	.00428	-.00321	.00056	.00551
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0EF Acquired: 6/4/2010 13:18:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2694.9**	**6455.4**	**95322.**	**14813.**
Stddev	4.2	5.7	1050.	128.
%RSD	.15506	.08777	1.1017	.86340
#1	2695.2	6457.7	96251.	14840.
#2	2699.0	6459.6	95532.	14674.
#3	2690.6	6449.0	94182.	14925.

Sample Name: L2D0EP5F Acquired: 6/4/2010 13:22:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00063**	**.00878**	**.00057**	**1.3690**	**.00163**
Stddev	.00069	.00993	.00239	.0013	.00015
%RSD	109.17	113.05	422.35	.09560	9.0647
#1	-.00057	.01035	-.00024	1.3675	.00155
#2	.00003	.01783	-.00132	1.3701	.00154
#3	-.00135	-.00184	.00326	1.3692	.00181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**45.856**	**-.00002**	**.00000**	**.00003**
Stddev	.00004	.136	.00011	.00027	.00023
%RSD	9.9170	.29608	439.10	5829.7	656.32
#1	-.00034	45.811	.00008	-.00008	.00016
#2	-.00040	46.008	-.00014	-.00021	.00018
#3	-.00034	45.748	-.00001	.00031	-.00023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EP5F Acquired: 6/4/2010 13:22:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00090**	**.10115**	**.76217**	**.01200**	**23.434**
Stddev	.00107	.00199	.02048	.00118	.019
%RSD	119.35	1.9674	2.6871	9.8525	.08268
#1	-.00208	.09943	.77050	.01265	23.411
#2	.00003	.10333	.73884	.01064	23.444
#3	-.00065	.10069	.77717	.01272	23.445
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.06948**	**-.00077**	**20.838**	**.00061**	**.00002**
Stddev	.00050	.00016	.061	.00023	.00183
%RSD	.72235	20.598	.29380	37.580	8645.0
#1	.06890	-.00091	20.852	.00066	.00067
#2	.06977	-.00080	20.891	.00081	-.00205
#3	.06977	-.00060	20.771	.00036	.00144
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EP5F Acquired: 6/4/2010 13:22:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00080**	**-.00023**	**1.3093**	**.00006**	**.08794**
Stddev	.00013	.00249	.0056	.00016	.00013
%RSD	15.576	1102.2	.42980	260.46	.15315
#1	.00066	.00000	1.3111	-.00009	.08782
#2	.00091	.00214	1.3138	.00004	.08809
#3	.00084	-.00282	1.3030	.00023	.08791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00047**	**.00028**	**-.00033**	**.00130**
Stddev	.00359	.00063	.00035	.00012
%RSD	763.06	223.24	104.90	9.2469
#1	.00388	.00020	-.00018	.00120
#2	.00081	.00095	-.00073	.00127
#3	-.00328	-.00030	-.00008	.00143
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0EP5F Acquired: 6/4/2010 13:22:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2931.3**	**6750.5**	**99605.**	**15172.**
Stddev	29.5	63.7	608.	206.
%RSD	1.0066	.94299	.61008	1.3574
#1	2914.2	6720.4	98928.	15406.
#2	2965.3	6823.6	99785.	15094.
#3	2914.3	6707.4	100100.	15017.

Sample Name: L2D0ESF Acquired: 6/4/2010 13:26:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04919**	**2.0418**	**2.0804**	**8.0705**	**1.9635**
Stddev	.00021	.0184	.0061	.0138	.0048
%RSD	.41949	.90216	.29463	.17156	.24403
#1	.04937	2.0301	2.0845	8.0837	1.9597
#2	.04924	2.0323	2.0833	8.0715	1.9619
#3	.04896	2.0631	2.0733	8.0561	1.9688
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04910**	**227.49**	**.04688**	**.50487**	**.19411**
Stddev	.00018	3.97	.00002	.00037	.00039
%RSD	.36705	1.7450	.04702	.07280	.19870
#1	.04922	227.92	.04686	.50456	.19374
#2	.04890	223.33	.04691	.50528	.19451
#3	.04919	231.23	.04687	.50477	.19406
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0ESF Acquired: 6/4/2010 13:26:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.24035**	**1.5419**	**3.6594**	**1.0621**	**117.60**
Stddev	.00329	.0018	.0755	.0034	.18
%RSD	1.3667	.11671	2.0626	.32083	.15258
#1	.23665	1.5439	3.5724	1.0625	117.76
#2	.24290	1.5407	3.7072	1.0585	117.40
#3	.24152	1.5410	3.6987	1.0652	117.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.83245**	**-.00013**	**106.88**	**.50261**	**.49103**
Stddev	.00088	.00014	.28	.00052	.00157
%RSD	.10567	110.73	.26295	.10444	.31995
#1	.83301	-.00014	106.82	.50218	.49278
#2	.83144	-.00027	106.63	.50320	.49059
#3	.83291	.00002	107.19	.50245	.48973
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0ESF Acquired: 6/4/2010 13:26:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00056**	**2.0491**	**6.7089**	**-.00017**	**1.4317**
Stddev	.00051	.0073	.0171	.00034	.0045
%RSD	91.536	.35396	.25472	198.70	.31436
#1	-.00092	2.0550	6.7169	-.00042	1.4314
#2	.00003	2.0410	6.6892	-.00031	1.4273
#3	-.00080	2.0514	6.7205	.00022	1.4363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00566**	**1.9483**	**.50013**	**.48356**
Stddev	.00181	.0086	.00096	.00177
%RSD	31.959	.44002	.19132	.36539
#1	.00358	1.9544	.49908	.48386
#2	.00652	1.9520	.50096	.48516
#3	.00688	1.9385	.50034	.48166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0ESF Acquired: 6/4/2010 13:26:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2713.8**	**6528.6**	**95183.**	**15111.**
Stddev	23.2	55.8	128.	131.
%RSD	.85337	.85409	.13400	.86942
#1	2725.1	6551.2	95329.	14964.
#2	2687.2	6465.0	95093.	15215.
#3	2729.2	6569.5	95128.	15155.

Sample Name: L2D0EDF Acquired: 6/4/2010 13:31:13 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05050**	**2.1045**	**2.1376**	**8.1796**	**2.0100**
Stddev	.00033	.0156	.0096	.0086	.0004
%RSD	.65509	.74058	.44726	.10570	.02184
#1	.05059	2.0943	2.1336	8.1759	2.0103
#2	.05013	2.0967	2.1306	8.1733	2.0102
#3	.05077	2.1224	2.1485	8.1894	2.0095
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05016**	**231.56**	**.04826**	**.51796**	**.19914**
Stddev	.00012	4.01	.00014	.00124	.00023
%RSD	.24243	1.7323	.29125	.23850	.11649
#1	.05003	227.73	.04842	.51898	.19917
#2	.05025	235.73	.04820	.51659	.19889
#3	.05022	231.23	.04815	.51831	.19935
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EDF Acquired: 6/4/2010 13:31:13 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.24473**	**1.5633**	**3.7189**	**1.0909**	**118.31**
Stddev	.00113	.0096	.0229	.0023	.21
%RSD	.46119	.61399	.61535	.21167	.17705
#1	.24355	1.5528	3.7348	1.0886	118.26
#2	.24483	1.5656	3.6927	1.0909	118.13
#3	.24580	1.5715	3.7293	1.0932	118.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.84547**	**-.00033**	**107.82**	**.51722**	**.50545**
Stddev	.00298	.00020	.17	.00059	.00260
%RSD	.35290	58.967	.15451	.11414	.51376
#1	.84203	-.00035	107.64	.51713	.50439
#2	.84731	-.00052	107.84	.51668	.50355
#3	.84708	-.00013	107.98	.51785	.50841
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EDF Acquired: 6/4/2010 13:31:13 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00170**	**2.1017**	**6.7818**	**.00021**	**1.4586**
Stddev	.00069	.0034	.0221	.00042	.0033
%RSD	40.512	.16353	.32643	197.87	.22379
#1	-.00092	2.0981	6.7636	.00066	1.4548
#2	-.00197	2.1021	6.7754	-.00016	1.4603
#3	-.00221	2.1049	6.8065	.00013	1.4606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00303**	**2.0039**	**.51103**	**.49733**
Stddev	.00179	.0054	.00067	.00048
%RSD	58.934	.27107	.13160	.09570
#1	.00217	2.0020	.51072	.49767
#2	.00185	1.9997	.51057	.49678
#3	.00509	2.0101	.51180	.49753
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0EDF Acquired: 6/4/2010 13:31:13 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2703.0**	**6501.1**	**95504.**	**15019.**
Stddev	11.2	25.8	395.	184.
%RSD	.41261	.39685	.41395	1.2256
#1	2691.6	6476.6	95128.	15146.
#2	2703.7	6498.8	95468.	15103.
#3	2713.8	6528.1	95916.	14808.

Sample Name: L2D0FF Acquired: 6/4/2010 13:35:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**.01287**	**.00499**	**.36384**	**.02532**
Stddev	.00049	.00873	.00128	.00298	.00014
%RSD	139.35	67.816	25.719	.81826	.54901
#1	-.00032	.00281	.00563	.36666	.02533
#2	.00012	.01744	.00582	.36412	.02545
#3	-.00086	.01836	.00351	.36073	.02518
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00028**	**66.920**	**.00056**	**.00040**	**.00003**
Stddev	.00005	.177	.00002	.00018	.00032
%RSD	19.399	.26453	4.0655	44.606	1124.7
#1	-.00026	67.096	.00054	.00038	.00011
#2	-.00034	66.742	.00058	.00023	-.00032
#3	-.00024	66.922	.00055	.00058	.00030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0FF Acquired: 6/4/2010 13:35:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.09907**	**.00077**	**6.7195**	**.04644**	**28.850**
Stddev	.00262	.00076	.0626	.00124	.047
%RSD	2.6477	98.162	.93133	2.6655	.16415
#1	.09635	.00091	6.7822	.04606	28.810
#2	.09929	.00146	6.7191	.04545	28.838
#3	.10158	-.00004	6.6570	.04783	28.902
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.02243**	**.00400**	**45.532**	**.00626**	**.00055**
Stddev	.00038	.00030	.093	.00043	.00130
%RSD	1.7054	7.4688	.20328	6.8259	235.68
#1	.02206	.00381	45.611	.00632	.00094
#2	.02283	.00434	45.430	.00665	.00162
#3	.02241	.00385	45.554	.00581	-.00090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0FF Acquired: 6/4/2010 13:35:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00083**	**.00267**	**8.1644**	**.00007**	**.78884**
Stddev	.00135	.00300	.0378	.00059	.00357
%RSD	162.63	112.40	.46320	857.46	.45279
#1	.00186	.00443	8.1943	-.00059	.79252
#2	.00134	-.00080	8.1219	.00025	.78539
#3	-.00070	.00437	8.1772	.00054	.78859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00210**	**-.00020**	**.00040**	**.76419**
Stddev	.00162	.00060	.00043	.00403
%RSD	77.222	291.17	106.77	.52752
#1	.00285	.00046	-.00008	.76733
#2	.00322	-.00038	.00057	.76558
#3	.00024	-.00069	.00073	.75964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0FF Acquired: 6/4/2010 13:35:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2903.9**	**6775.8**	**99473.**	**15397.**
Stddev	7.4	29.3	1276.	156.
%RSD	.25518	.43174	1.2829	1.0117
#1	2906.3	6772.7	98568.	15545.
#2	2895.6	6748.3	98918.	15412.
#3	2909.9	6806.5	100930.	15235.

Sample Name: L2D0JF Acquired: 6/4/2010 13:39:52 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00047**	**.03458**	**.00318**	**1.4144**	**.01599**
Stddev	.00046	.01882	.00141	.0013	.00022
%RSD	96.191	54.425	44.376	.09187	1.3872
#1	-.00069	.01299	.00303	1.4140	.01622
#2	-.00078	.04325	.00467	1.4134	.01578
#3	.00005	.04750	.00185	1.4159	.01597
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**375.04**	**.00004**	**.00169**	**.00049**
Stddev	.00002	3.95	.00005	.00032	.00046
%RSD	6.9256	1.0542	132.04	19.051	94.833
#1	-.00032	379.49	.00003	.00132	-.00004
#2	-.00034	371.94	.00009	.00187	.00068
#3	-.00030	373.69	-.00001	.00187	.00083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0JF Acquired: 6/4/2010 13:39:52 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**.06531**	**3.0019**	**.06006**	**156.94**
Stddev	.00212	.00048	.0433	.00128	.83
%RSD	1908.7	.73451	1.4419	2.1313	.52640
#1	-.00238	.06502	3.0194	.05939	156.38
#2	.00022	.06586	2.9525	.05926	156.54
#3	.00182	.06504	3.0336	.06154	157.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.32919**	**-.00086**	**181.39**	**.00295**	**.00181**
Stddev	.00196	.00022	1.81	.00029	.00080
%RSD	.59537	25.465	.99987	9.6672	44.413
#1	.32756	-.00061	183.48	.00265	.00088
#2	.32865	-.00096	180.35	.00298	.00226
#3	.33136	-.00102	180.34	.00322	.00229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

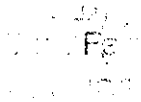
Sample Name: L2D0JF Acquired: 6/4/2010 13:39:52 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

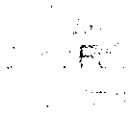
Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00047**	**.00116**	**6.9754**	**-.00010**	**.59342**
Stddev	.00180	.00193	.0552	.00048	.00617
%RSD	386.01	165.74	.79082	467.84	1.0404
#1	-.00065	.00334	6.9392	-.00045	.58994
#2	.00254	-.00032	6.9482	.00044	.58977
#3	-.00050	.00046	7.0389	-.00030	.60055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00517**	**-.00100**	**.00027**	**.00446**
Stddev	.00192	.00078	.00026	.00021
%RSD	37.044	77.722	94.917	4.7477
#1	.00435	-.00190	.00019	.00449
#2	.00381	-.00062	.00057	.00466
#3	.00737	-.00049	.00007	.00424
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0JF Acquired: 6/4/2010 13:39:52 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2671.2**	**6479.9**	**94994.**	**15282.**
Stddev	19.4	43.3	361.	29.
%RSD	.72478	.66840	.37980	.19282
#1	2681.8	6508.2	95318.	15311.
#2	2648.9	6430.1	95058.	15281.
#3	2683.0	6501.5	94605.	15252.





Sample Name: L2D0MF Acquired: 6/4/2010 13:44:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00070**	**.00172**	**.00160**	**.49865**	**.03970**
Stddev	.00050	.00668	.00125	.00231	.00032
%RSD	71.539	387.48	78.231	.46391	.81077
#1	-.00059	-.00481	.00097	.50125	.03933
#2	-.00124	.00144	.00303	.49789	.03986
#3	-.00026	.00854	.00078	.49682	.03991
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00034**	**35.720**	**.00014**	**.00023**	**.00013**
Stddev	.00002	.165	.00004	.00011	.00025
%RSD	7.2914	.46057	28.490	46.487	194.22
#1	-.00033	35.745	.00019	.00013	-.00005
#2	-.00032	35.870	.00014	.00034	.00002
#3	-.00037	35.544	.00010	.00023	.00041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0MF Acquired: 6/4/2010 13:44:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.02788**	**.00730**	**4.2224**	**.02110**	**11.199**
Stddev	.00319	.00030	.1009	.00078	.022
%RSD	11.455	4.1013	2.3901	3.6971	.19606
#1	.02747	.00701	4.2092	.02143	11.187
#2	.02491	.00728	4.3292	.02166	11.185
#3	.03126	.00761	4.1287	.02021	11.224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00814**	**.00049**	**58.125**	**.00128**	**-.00003**
Stddev	.00006	.00015	.129	.00028	.00060
%RSD	.72261	30.583	.22125	21.789	1769.0
#1	.00812	.00056	58.105	.00158	-.00020
#2	.00810	.00058	58.262	.00121	-.00053
#3	.00821	.00032	58.007	.00104	.00063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0MF Acquired: 6/4/2010 13:44:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00115**	**-.00038**	**5.7673**	**-.00006**	**.44040**
Stddev	.00131	.00245	.0067	.00045	.00260
%RSD	114.18	651.37	.11696	697.66	.58969
#1	.00039	.00207	5.7719	-.00057	.44148
#2	.00266	-.00038	5.7595	.00008	.44228
#3	.00040	-.00282	5.7704	.00030	.43744
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00061**	**-.00041**	**.00000**	**.28817**
Stddev	.00281	.00096	.00045	.00025
%RSD	457.71	233.27	11917.	.08601
#1	.00009	.00065	.00011	.28798
#2	.00365	-.00121	.00039	.28845
#3	-.00190	-.00068	-.00049	.28808
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0MF Acquired: 6/4/2010 13:44:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2942.4**	**6811.7**	**101140.**	**15112.**
Stddev	7.5	11.8	82.	110.
%RSD	.25547	.17297	.08111	.72847
#1	2938.7	6802.3	101130.	15236.
#2	2951.1	6825.0	101220.	15073.
#3	2937.5	6807.9	101060.	15026.

Sample Name: L2DVVB Acquired: 6/4/2010 13:48:48 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00070**	**.01347**	**-.00075**	**.00653**	**-.00081**
Stddev	.00020	.00814	.00136	.00020	.00018
%RSD	27.928	60.486	182.86	2.9996	22.199
#1	-.00083	.02121	.00026	.00664	-.00094
#2	-.00047	.01421	-.00230	.00665	-.00087
#3	-.00079	.00497	-.00019	.00631	-.00060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**.08508**	**-.00007**	**.00005**	**-.00041**
Stddev	.00004	.01416	.00005	.00009	.00014
%RSD	11.549	16.644	68.711	188.95	34.257
#1	-.00027	.10062	-.00002	.00014	-.00042
#2	-.00034	.08172	-.00010	-.00002	-.00054
#3	-.00032	.07290	-.00008	.00002	-.00026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVVB Acquired: 6/4/2010 13:48:48 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00107**	**-.00264**	**-.27028**	**-.00266**	**.02036**
Stddev	.00181	.00257	.04877	.00153	.00739
%RSD	169.61	97.457	18.043	57.476	36.303
#1	-.00102	-.00431	-.32310	-.00377	.01442
#2	-.00290	-.00394	-.22697	-.00329	.02863
#3	.00072	.00032	-.26077	-.00092	.01802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**-.00117**	**.15499**	**-.00016**	**-.00038**
Stddev	.00046	.00021	.00729	.00025	.00067
%RSD	144.59	18.288	4.7033	153.90	176.65
#1	-.00028	-.00134	.16169	.00012	.00032
#2	-.00080	-.00093	.14723	-.00031	-.00044
#3	.00012	-.00125	.15606	-.00029	-.00103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVVB Acquired: 6/4/2010 13:48:48 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00018**	**.00007**	**.00599**	**-.00043**	**-.00005**
Stddev	.00121	.00075	.00273	.00046	.00002
%RSD	692.02	1083.3	45.577	106.99	45.934
#1	-.00116	-.00035	.00313	-.00070	-.00004
#2	.00122	-.00038	.00627	.00010	-.00008
#3	.00047	.00094	.00856	-.00068	-.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00071**	**-.00081**	**-.00026**	**.00018**
Stddev	.00073	.00033	.00021	.00022
%RSD	102.62	41.108	81.001	125.16
#1	-.00152	-.00075	-.00002	.00007
#2	-.00011	-.00117	-.00036	.00044
#3	-.00050	-.00051	-.00041	.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2DVVB Acquired: 6/4/2010 13:48:48 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3139.2**	**7100.5**	**104760.**	**15630.**
Stddev	12.9	33.8	1355.	48.
%RSD	.41071	.47657	1.2937	.30426
#1	3150.4	7135.5	106270.	15644.
#2	3142.1	7098.1	104390.	15577.
#3	3125.1	7067.9	103630.	15669.

Sample Name: L2DVVC Acquired: 6/4/2010 13:53:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05046**	**2.1127**	**2.0659**	**1.0290**	**2.0179**
Stddev	.00017	.0066	.0042	.0011	.0032
%RSD	.33022	.31172	.20497	.10574	.15970
#1	.05032	2.1201	2.0631	1.0302	2.0194
#2	.05042	2.1103	2.0637	1.0280	2.0142
#3	.05064	2.1076	2.0707	1.0288	2.0201
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05054**	F **.02037**	**.05084**	**.51521**	**.20604**
Stddev	.00023	.01434	.00014	.00101	.00074
%RSD	.45102	70.407	.27588	.19593	.36152
#1	.05067	.01563	.05087	.51636	.20525
#2	.05028	.00900	.05096	.51479	.20673
#3	.05069	.03648	.05068	.51449	.20614
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2DVVC Acquired: 6/4/2010 13:53:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25680**	**1.0826**	F **-.30169**	**1.0050**	F **.00269**
Stddev	.00049	.0057	.02281	.0007	.00516
%RSD	.18997	.52297	7.5612	.07108	192.29
#1	.25631	1.0768	-.31269	1.0044	-.00316
#2	.25680	1.0881	-.31693	1.0058	.00664
#3	.25728	1.0831	-.27547	1.0046	.00458
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51486**	F **-.00096**	F **.09408**	**.51890**	**.50255**
Stddev	.00075	.00018	.01712	.00174	.00196
%RSD	.14620	19.197	18.193	.33570	.38955
#1	.51555	-.00080	.09026	.52050	.50251
#2	.51406	-.00093	.07920	.51704	.50453
#3	.51496	-.00116	.11279	.51915	.50062
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit		1.2000	60.000		
Low Limit		.80000	40.000		

Sample Name: L2DVVC Acquired: 6/4/2010 13:53:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	F **-.00097**	**2.1145**	F **.00549**	F **-.00017**	**1.0277**
Stddev	.00091	.0065	.00907	.00035	.0037
%RSD	94.087	.30800	165.21	202.89	.36276
#1	-.00196	2.1125	.00775	-.00047	1.0317
#2	-.00078	2.1093	.01321	-.00026	1.0244
#3	-.00017	2.1218	-.00449	.00021	1.0271
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit	.60000		12.000	2.4000	
Low Limit	.40000		8.0000	1.6000	

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	F **.00019**	**2.0321**	**.51130**	**.52519**
Stddev	.00230	.0084	.00025	.00072
%RSD	1213.0	.41301	.04888	.13643
#1	.00284	2.0417	.51142	.52559
#2	-.00088	2.0287	.51146	.52561
#3	-.00139	2.0260	.51101	.52436
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	1.2000			
Low Limit	.80000			

Sample Name: L2DVVC Acquired: 6/4/2010 13:53:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3120.9**	**7069.9**	**103950.**	**15570.**
Stddev	20.5	38.0	1712.	119.
%RSD	.65764	.53801	1.6471	.76263
#1	3103.2	7041.0	105910.	15701.
#2	3116.1	7055.8	103200.	15469.
#3	3143.4	7113.0	102750.	15541.

Sample Name: CCV1-5 Acquired: 6/4/2010 13:57:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0062**	**25.853**	**.54480**	**2.0648**	**2.0180**
Stddev	.0019	.179	.00172	.0032	.0069
%RSD	.18823	.69165	.31535	.15687	.34156
#1	1.0084	25.936	.54671	2.0637	2.0231
#2	1.0051	25.975	.54338	2.0684	2.0208
#3	1.0052	25.648	.54431	2.0622	2.0102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0614**	**51.734**	**.48892**	**2.0978**	**2.0205**
Stddev	.0074	.254	.00037	.0017	.0045
%RSD	.36011	.49179	.07533	.07996	.22330
#1	2.0635	51.827	.48909	2.0964	2.0197
#2	2.0675	51.928	.48850	2.0972	2.0165
#3	2.0531	51.446	.48918	2.0997	2.0254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-5 Acquired: 6/4/2010 13:57:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9960**	**25.974**	**128.43**	**2.0434**	**51.199**
Stddev	.0152	.150	1.00	.0098	.191
%RSD	.76018	.57716	.77945	.47742	.37340
#1	1.9981	26.068	128.89	2.0493	51.353
#2	2.0100	26.052	129.11	2.0487	51.260
#3	1.9799	25.801	127.28	2.0321	50.985
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9954**	**2.0131**	**127.25**	**2.0913**	**.50834**
Stddev	.0107	.0026	.48	.0039	.00062
%RSD	.53362	.12658	.37456	.18618	.12161
#1	2.0008	2.0160	127.45	2.0899	.50897
#2	2.0022	2.0115	127.59	2.0883	.50773
#3	1.9831	2.0117	126.70	2.0957	.50833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-5 Acquired: 6/4/2010 13:57:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51153**	**.51761**	**2.0252**	**1.9677**	**2.0397**
Stddev	.00204	.00107	.0245	.0013	.0094
%RSD	.39823	.20621	1.2114	.06558	.45920
#1	.51118	.51675	2.0408	1.9679	2.0414
#2	.51372	.51728	2.0380	1.9663	2.0481
#3	.50969	.51881	1.9970	1.9689	2.0296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0341**	**1.0123**	**2.0604**	**2.0160**
Stddev	.0080	.0018	.0040	.0023
%RSD	.39249	.17482	.19477	.11557
#1	2.0383	1.0105	2.0564	2.0169
#2	2.0392	1.0140	2.0606	2.0134
#3	2.0249	1.0126	2.0644	2.0178
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-5 Acquired: 6/4/2010 13:57:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2710.8**	**6523.5**	**95233.**	**14656.**
Stddev	16.3	43.5	855.	249.
%RSD	.60265	.66618	.89760	1.6961
#1	2699.7	6485.8	95904.	14465.
#2	2729.6	6571.0	95525.	14565.
#3	2703.1	6513.7	94271.	14937.

Sample Name: CCB5 Acquired: 6/4/2010 14:01:33 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00052**	**.01385**	**.00009**	**.00707**	**.00016**
Stddev	.00012	.01263	.00152	.00046	.00024
%RSD	24.173	91.198	1710.0	6.5374	143.52
#1	-.00043	.00141	.00044	.00756	.00044
#2	-.00046	.01347	.00140	.00701	.00000
#3	-.00066	.02667	-.00157	.00664	.00006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00007**	**.01687**	**.00006**	**.00032**	**.00036**
Stddev	.00003	.00245	.00001	.00014	.00032
%RSD	39.186	14.503	21.596	45.512	89.249
#1	.00008	.01496	.00006	.00023	.00045
#2	.00004	.01601	.00005	.00048	.00000
#3	.00008	.01963	.00007	.00024	.00063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB5 Acquired: 6/4/2010 14:01:33 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00030**	**.00873**	**.04396**	**-.00223**	**.00841**
Stddev	.00306	.00108	.05093	.00026	.01556
%RSD	1016.0	12.317	115.85	11.680	184.94
#1	-.00277	.00801	.05588	-.00204	.02418
#2	.00312	.00822	-.01187	-.00213	-.00693
#3	-.00126	.00997	.08788	-.00253	.00799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00026**	**.00095**	**.16188**	**.00041**	**-.00010**
Stddev	.00039	.00031	.00938	.00009	.00097
%RSD	149.34	32.835	5.7939	22.142	969.46
#1	.00002	.00131	.17269	.00051	.00101
#2	-.00010	.00079	.15596	.00040	-.00050
#3	-.00070	.00075	.15699	.00033	-.00080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB5 Acquired: 6/4/2010 14:01:33 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00075**	**.00175**	**.00334**	**.00008**	**-.00003**
Stddev	.00067	.00064	.00686	.00029	.00011
%RSD	90.413	36.297	205.06	362.25	420.71
#1	.00080	.00190	.00080	.00008	-.00007
#2	.00004	.00106	-.00188	-.00021	.00009
#3	.00139	.00231	.01111	.00037	-.00010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00175**	**-.00030**	**.00022**	**-.00009**
Stddev	.00049	.00100	.00036	.00011
%RSD	28.200	335.48	160.16	129.77
#1	-.00213	-.00070	-.00014	-.00020
#2	-.00119	.00084	.00024	.00002
#3	-.00192	-.00103	.00057	-.00007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB5 Acquired: 6/4/2010 14:01:33 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2996.3**	**6784.3**	**100420.**	**14948.**
Stddev	10.0	18.4	544.	120.
%RSD	.33450	.27052	.54159	.80007
#1	2984.7	6763.5	100300.	14850.
#2	3002.0	6791.4	101010.	15081.
#3	3002.1	6798.1	99945.	14912.

Sample Name: L2CVV Acquired: 6/4/2010 14:06:00 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00050**	**.03399**	**.00163**	**.01881**	**.11413**
Stddev	.00020	.01573	.00151	.00022	.00031
%RSD	40.472	46.267	92.725	1.1573	.27582
#1	-.00027	.01772	.00124	.01863	.11386
#2	-.00062	.04911	.00035	.01875	.11405
#3	-.00063	.03514	.00329	.01905	.11448
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**105.89**	**-.00007**	**.00046**	**.00290**
Stddev	.00004	.66	.00001	.00035	.00048
%RSD	33.236	.62564	11.512	75.975	16.616
#1	-.00007	105.52	-.00007	.00056	.00336
#2	-.00013	105.49	-.00008	.00075	.00292
#3	-.00014	106.66	-.00007	.00007	.00240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVV Acquired: 6/4/2010 14:06:00 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00190**	**.01032**	**18.470**	**.01599**	**15.994**
Stddev	.00130	.00132	.048	.00113	.089
%RSD	68.623	12.783	.25929	7.0655	.55617
#1	.00186	.01177	18.415	.01689	15.974
#2	.00062	.01000	18.502	.01472	15.916
#3	.00323	.00918	18.493	.01635	16.091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00156**	**.01284**	**490.06**	**.00139**	**.00010**
Stddev	.00020	.00031	4.96	.00024	.00148
%RSD	12.756	2.3899	1.0127	17.628	1553.5
#1	.00179	.01312	484.37	.00164	.00085
#2	.00150	.01287	492.39	.00115	-.00161
#3	.00140	.01251	493.44	.00137	.00104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVV Acquired: 6/4/2010 14:06:00 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00056**	**.00027**	**5.5587**	**-.00034**	**1.7629**
Stddev	.00161	.00276	.0343	.00048	.0086
%RSD	286.03	1020.3	.61713	139.57	.48571
#1	-.00129	.00030	5.5367	-.00079	1.7589
#2	.00135	.00301	5.5412	-.00039	1.7571
#3	.00163	-.00250	5.5983	.00016	1.7727
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00206**	**-.00141**	**.00357**	**.00678**
Stddev	.00310	.00045	.00014	.00014
%RSD	150.76	32.092	4.0033	2.0617
#1	-.00111	-.00093	.00372	.00690
#2	.00220	-.00147	.00343	.00681
#3	.00508	-.00183	.00356	.00663
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CVV Acquired: 6/4/2010 14:06:00 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2694.6**	**6566.1**	**94133.**	**14931.**
Stddev	9.6	29.1	200.	256.
%RSD	.35749	.44376	.21236	1.7143
#1	2689.1	6540.8	94135.	15104.
#2	2688.9	6559.6	94331.	15053.
#3	2705.7	6598.0	93932.	14637.

Sample Name: L2CVVP5 Acquired: 6/4/2010 14:10:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00049**	**.00361**	**-.00131**	**.00514**	**.02211**
Stddev	.00048	.00232	.00178	.00025	.00018
%RSD	96.424	64.263	135.07	4.7709	.80974
#1	-.00015	.00588	-.00233	.00533	.02230
#2	-.00104	.00370	.00074	.00522	.02196
#3	-.00029	.00125	-.00235	.00486	.02205
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**21.096**	**-.00004**	**.00004**	**.00041**
Stddev	.00005	.056	.00009	.00007	.00027
%RSD	13.104	.26400	245.35	178.90	66.022
#1	-.00040	21.154	-.00009	.00008	.00015
#2	-.00031	21.043	.00006	-.00004	.00039
#3	-.00033	21.091	-.00008	.00008	.00070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVP5 Acquired: 6/4/2010 14:10:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00010**	**.00121**	**3.5611**	**.00306**	**3.1776**
Stddev	.00106	.00059	.0708	.00138	.0125
%RSD	1072.2	48.912	1.9897	45.199	.39310
#1	-.00045	.00144	3.5230	.00350	3.1744
#2	-.00057	.00054	3.5173	.00151	3.1914
#3	.00132	.00165	3.6428	.00416	3.1670
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00007**	**.00195**	**100.51**	**.00008**	**-.00035**
Stddev	.00002	.00015	.18	.00024	.00076
%RSD	30.761	7.8590	.18366	298.56	218.71
#1	-.00008	.00199	100.71	-.00013	-.00004
#2	-.00004	.00179	100.36	.00003	-.00121
#3	-.00007	.00209	100.44	.00033	.00021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVP5 Acquired: 6/4/2010 14:10:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00084**	**.00028**	**1.1030**	**-.00028**	**.35191**
Stddev	.00121	.00100	.0078	.00010	.00087
%RSD	142.79	358.83	.70516	34.750	.24587
#1	.00173	.00143	1.0949	-.00033	.35269
#2	.00134	-.00018	1.1104	-.00017	.35098
#3	-.00053	-.00041	1.1037	-.00034	.35204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00108**	**-.00189**	**.00046**	**.00130**
Stddev	.00217	.00042	.00023	.00007
%RSD	200.28	22.483	50.990	5.6647
#1	-.00028	-.00140	.00019	.00124
#2	-.00354	-.00219	.00062	.00138
#3	.00057	-.00207	.00057	.00127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CVVP5 Acquired: 6/4/2010 14:10:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2876.5**	**6656.2**	**97894.**	**14565.**
Stddev	19.2	43.9	1020.	99.
%RSD	.66657	.65947	1.0417	.68272
#1	2858.1	6621.7	98579.	14451.
#2	2896.4	6705.6	98381.	14630.
#3	2875.1	6641.2	96722.	14615.

Sample Name: L2CVVS Acquired: 6/4/2010 14:14:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05116**	**2.0535**	**2.1408**	**1.0232**	**2.0846**
Stddev	.00011	.0094	.0019	.0017	.0021
%RSD	.20909	.45909	.08919	.16803	.09914
#1	.05104	2.0640	2.1388	1.0226	2.0867
#2	.05125	2.0459	2.1427	1.0219	2.0826
#3	.05117	2.0504	2.1408	1.0252	2.0844
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05010**	**105.79**	**.04893**	**.53059**	**.20509**
Stddev	.00008	.27	.00010	.00152	.00057
%RSD	.15170	.25204	.19983	.28726	.27706
#1	.05019	106.10	.04884	.53206	.20539
#2	.05007	105.64	.04903	.53070	.20545
#3	.05005	105.63	.04891	.52902	.20444
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVS Acquired: 6/4/2010 14:14:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.24525**	**1.0465**	**18.301**	**1.0194**	**16.075**
Stddev	.00351	.0046	.054	.0028	.040
%RSD	1.4299	.44307	.29627	.27824	.24952
#1	.24859	1.0509	18.353	1.0221	16.040
#2	.24555	1.0471	18.305	1.0196	16.067
#3	.24160	1.0416	18.245	1.0164	16.119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.49513**	**.01252**	**492.26**	**.52892**	**.50898**
Stddev	.00163	.00028	11.50	.00113	.00145
%RSD	.32903	2.2450	2.3361	.21348	.28401
#1	.49427	.01282	483.12	.52967	.50740
#2	.49701	.01226	505.17	.52947	.51024
#3	.49411	.01248	488.49	.52762	.50930
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVS Acquired: 6/4/2010 14:14:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00036**	**2.1047**	**5.6446**	**-.00010**	**2.7434**
Stddev	.00186	.0037	.0160	.00036	.0135
%RSD	518.39	.17399	.28292	339.17	.49018
#1	-.00167	2.1012	5.6564	.00001	2.7586
#2	.00200	2.1085	5.6264	.00018	2.7331
#3	.00075	2.1043	5.6510	-.00050	2.7384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00275**	**1.9686**	**.52092**	**.51540**
Stddev	.00033	.0053	.00067	.00147
%RSD	12.018	.26878	.12805	.28602
#1	.00260	1.9686	.52137	.51386
#2	.00313	1.9739	.52123	.51680
#3	.00253	1.9634	.52015	.51552
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CVVS Acquired: 6/4/2010 14:14:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2709.5**	**6645.4**	**94586.**	**15282.**
Stddev	14.7	38.6	274.	162.
%RSD	.54113	.58138	.28918	1.0628
#1	2725.6	6688.2	94672.	15468.
#2	2696.9	6613.1	94806.	15214.
#3	2706.0	6634.8	94280.	15165.

Sample Name: L2CVVD Acquired: 6/4/2010 14:19:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05240**	**2.1816**	**2.2104**	**1.0597**	**2.1412**
Stddev	.00040	.0048	.0083	.0007	.0039
%RSD	.75442	.22110	.37547	.06973	.18104
#1	.05280	2.1814	2.2141	1.0603	2.1455
#2	.05240	2.1864	2.2162	1.0600	2.1380
#3	.05201	2.1768	2.2009	1.0589	2.1400
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05172**	**105.08**	**.05017**	**.54402**	**.21126**
Stddev	.00023	.31	.00009	.00077	.00037
%RSD	.44780	.29906	.17995	.14153	.17349
#1	.05148	104.74	.05016	.54487	.21100
#2	.05194	105.36	.05026	.54383	.21110
#3	.05174	105.15	.05008	.54336	.21168
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVD Acquired: 6/4/2010 14:19:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25657**	**1.0816**	**18.331**	**1.0539**	**15.916**
Stddev	.00137	.0033	.091	.0018	.017
%RSD	.53256	.30744	.49809	.17044	.10947
#1	.25500	1.0799	18.239	1.0519	15.932
#2	.25744	1.0855	18.421	1.0548	15.898
#3	.25728	1.0795	18.333	1.0551	15.920
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51126**	**.01263**	**487.44**	**.56928**	**.52519**
Stddev	.00120	.00010	2.16	.00139	.00283
%RSD	.23419	.77624	.44283	.24433	.53900
#1	.51257	.01274	486.88	.57087	.52668
#2	.51099	.01257	485.62	.56831	.52698
#3	.51022	.01258	489.82	.56865	.52193
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVD Acquired: 6/4/2010 14:19:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**2.1555**	**5.6058**	**-.00012**	**2.7719**
Stddev	.00106	.0049	.0139	.00032	.0078
%RSD	929.56	.22654	.24812	274.13	.28046
#1	.00110	2.1606	5.6144	.00025	2.7702
#2	-.00084	2.1550	5.5897	-.00031	2.7803
#3	-.00060	2.1508	5.6131	-.00030	2.7651
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00273**	**2.0353**	**.53620**	**.53350**
Stddev	.00230	.0073	.00073	.00110
%RSD	84.103	.35836	.13605	.20703
#1	.00515	2.0378	.53558	.53351
#2	.00058	2.0411	.53602	.53461
#3	.00246	2.0271	.53700	.53240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CVVD Acquired: 6/4/2010 14:19:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2689.7**	**6564.8**	**95002.**	**15132.**
Stddev	19.4	47.1	1039.	108.
%RSD	.72097	.71748	1.0936	.71297
#1	2703.8	6604.7	96202.	15245.
#2	2667.6	6512.8	94402.	15123.
#3	2697.8	6576.8	94403.	15030.

Sample Name: L2DVNBF Acquired: 6/4/2010 14:23:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00021**	**.00209**	**.00008**	**.00270**	**-.00053**
Stddev	.00040	.01363	.00090	.00043	.00018
%RSD	192.95	650.66	1081.8	15.904	33.300
#1	-.00027	.01494	.00095	.00315	-.00062
#2	-.00057	-.01220	.00015	.00267	-.00064
#3	.00022	.00355	-.00085	.00229	-.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**-.00512**	**-.00004**	**.00006**	**-.00054**
Stddev	.00006	.00574	.00005	.00017	.00022
%RSD	17.241	112.11	126.58	290.46	40.858
#1	-.00037	-.00951	-.00009	-.00003	-.00044
#2	-.00040	-.00722	.00001	-.00005	-.00038
#3	-.00028	.00137	-.00004	.00025	-.00079
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVNBF Acquired: 6/4/2010 14:23:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00019**	**-.00216**	**.17452**	**.00047**	**-.01389**
Stddev	.00131	.00068	.04550	.00100	.01342
%RSD	682.61	31.747	26.071	214.35	96.598
#1	-.00051	-.00271	.22653	.00125	-.01404
#2	-.00131	-.00139	.14207	-.00066	-.00040
#3	.00125	-.00237	.15497	.00080	-.02723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00072**	**-.00091**	**.35731**	**-.00021**	**.00006**
Stddev	.00041	.00026	.02927	.00028	.00083
%RSD	57.327	28.800	8.1927	132.48	1494.2
#1	-.00055	-.00061	.34409	-.00052	-.00090
#2	-.00120	-.00099	.33698	.00004	.00046
#3	-.00043	-.00112	.39086	-.00016	.00061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVNBF Acquired: 6/4/2010 14:23:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00100**	**.00183**	**.01142**	**-.00035**	**-.00019**
Stddev	.00099	.00167	.00436	.00024	.00018
%RSD	98.786	91.290	38.154	69.831	93.313
#1	.00213	-.00008	.01642	-.00011	-.00032
#2	.00040	.00258	.00944	-.00034	-.00027
#3	.00045	.00299	.00841	-.00060	.00001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Corr. Fa

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00117**	**-.00025**	**.00001**	**.00192**
Stddev	.00088	.00149	.00007	.00007
%RSD	75.649	584.46	748.71	3.7859
#1	.00171	-.00034	.00006	.00199
#2	.00015	.00127	-.00007	.00192
#3	.00165	-.00170	.00004	.00185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Corr. Fa

Sample Name: L2DVNBF Acquired: 6/4/2010 14:23:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3042.0**	**6878.4**	**101930.**	**15259.**
Stddev	6.0	20.8	576.	111.
%RSD	.19840	.30299	.56524	.72920
#1	3036.2	6861.6	101650.	15375.
#2	3041.4	6871.9	101540.	15247.
#3	3048.2	6901.7	102590.	15154.

Sample Name: L2DVNCF Acquired: 6/4/2010 14:27:59 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05036**	**2.1045**	**2.0841**	**1.0442**	**2.0356**
Stddev	.00023	.0076	.0033	.0040	.0016
%RSD	.45634	.36277	.15717	.38147	.07960
#1	.05013	2.0984	2.0878	1.0485	2.0351
#2	.05035	2.1131	2.0823	1.0434	2.0374
#3	.05059	2.1021	2.0821	1.0406	2.0342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05067**	F **-.00797**	**.05078**	**.51772**	**.20705**
Stddev	.00008	.00265	.00002	.00049	.00047
%RSD	.15752	33.307	.04911	.09498	.22688
#1	.05058	-.00974	.05075	.51813	.20755
#2	.05071	-.00924	.05080	.51786	.20695
#3	.05073	-.00492	.05077	.51717	.20663
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2DVNCF Acquired: 6/4/2010 14:27:59 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25659**	**1.0855**	F **.11795**	**1.0113**	F **-.01296**
Stddev	.00496	.0035	.03246	.0035	.01676
%RSD	1.9340	.32541	27.517	.34369	129.26
#1	.25993	1.0850	.14189	1.0073	.00112
#2	.25895	1.0892	.08101	1.0136	-.00852
#3	.25089	1.0822	.13095	1.0131	-.03149
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51796**	F **-.00092**	F **.23440**	**.52039**	**.50440**
Stddev	.00142	.00009	.00760	.00089	.00290
%RSD	.27334	9.4652	3.2443	.17088	.57558
#1	.51646	-.00082	.22756	.52134	.50647
#2	.51927	-.00095	.23305	.52023	.50108
#3	.51815	-.00099	.24259	.51959	.50566
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit		1.2000	60.000		
Low Limit		.80000	40.000		

Sample Name: L2DVNCF Acquired: 6/4/2010 14:27:59 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	F **-.00055**	**2.1104**	F **.00687**	F **.00033**	**1.0293**
Stddev	.00060	.0028	.00333	.00017	.0019
%RSD	108.61	.13372	48.413	51.691	.18676
#1	-.00058	2.1076	.01069	.00016	1.0282
#2	-.00113	2.1102	.00532	.00050	1.0316
#3	.00006	2.1133	.00461	.00033	1.0283
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit	.60000		12.000	2.4000	
Low Limit	.40000		8.0000	1.6000	

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	F **.00006**	**2.0533**	**.51282**	**.52477**
Stddev	.00155	.0039	.00115	.00190
%RSD	2548.6	.18759	.22328	.36177
#1	.00002	2.0576	.51398	.52676
#2	.00164	2.0502	.51169	.52299
#3	-.00147	2.0521	.51280	.52455
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	1.2000			
Low Limit	.80000			

Sample Name: L2DVNCF Acquired: 6/4/2010 14:27:59 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3022.6**	**6865.1**	**102320.**	**15526.**
Stddev	24.1	57.7	1022.	150.
%RSD	.79861	.83999	.99864	.96882
#1	3007.8	6829.4	101760.	15686.
#2	3050.5	6931.6	103500.	15387.
#3	3009.6	6834.2	101710.	15506.

Sample Name: L2CJ2F Acquired: 6/4/2010 14:32:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00039**	**.01273**	**.00056**	**.63454**	**.17710**
Stddev	.00070	.00580	.00148	.00075	.00038
%RSD	179.58	45.552	264.26	.11798	.21630
#1	-.00112	.01689	.00190	.63505	.17718
#2	.00026	.00611	-.00103	.63490	.17744
#3	-.00031	.01518	.00082	.63368	.17669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**38.871**	**-.00011**	**.00019**	**.00030**
Stddev	.00003	.206	.00005	.00012	.00021
%RSD	8.4445	.52919	46.759	62.122	69.580
#1	-.00036	38.783	-.00006	.00005	.00047
#2	-.00035	39.106	-.00017	.00026	.00007
#3	-.00041	38.724	-.00011	.00024	.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2F Acquired: 6/4/2010 14:32:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00058**	**.05031**	**5.8922**	**.02150**	**13.130**
Stddev	.00242	.00087	.1101	.00158	.032
%RSD	416.42	1.7314	1.8683	7.3502	.24364
#1	-.00146	.05098	5.9395	.02299	13.121
#2	-.00005	.04932	5.9706	.02166	13.165
#3	.00326	.05062	5.7663	.01984	13.103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.01901**	**-.00066**	**34.454**	**.00031**	**.00059**
Stddev	.00032	.00014	.116	.00013	.00064
%RSD	1.6764	20.789	.33596	40.372	108.17
#1	.01864	-.00062	34.433	.00024	.00110
#2	.01920	-.00054	34.579	.00024	-.00013
#3	.01919	-.00081	34.350	.00046	.00080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2F Acquired: 6/4/2010 14:32:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00042**	**.00237**	**6.7963**	**.00016**	**.66055**
Stddev	.00021	.00061	.0304	.00046	.00267
%RSD	50.629	25.598	.44754	293.40	.40487
#1	.00063	.00307	6.8063	.00017	.66006
#2	.00042	.00195	6.8205	-.00031	.66344
#3	.00020	.00210	6.7622	.00060	.65815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00023**	**-.00067**	**-.00014**	**.00007**
Stddev	.00133	.00076	.00042	.00007
%RSD	591.36	113.44	305.68	103.93
#1	.00126	-.00096	-.00023	.00008
#2	-.00128	-.00125	-.00050	-.00001
#3	.00069	.00019	.00032	.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ2F Acquired: 6/4/2010 14:32:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2915.5**	**6728.1**	**99265.**	**15106.**
Stddev	22.2	46.4	629.	101.
%RSD	.76090	.68926	.63389	.66782
#1	2916.9	6737.8	98548.	15217.
#2	2937.0	6768.8	99726.	15019.
#3	2892.7	6677.6	99520.	15084.

Sample Name: L2CJ2P5F Acquired: 6/4/2010 14:36:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00071**	**.00163**	**-.00229**	**.12303**	**.03493**
Stddev	.00057	.01644	.00089	.00021	.00012
%RSD	81.136	1005.6	38.624	.17381	.33906
#1	-.00118	-.01287	-.00135	.12326	.03483
#2	-.00087	-.00172	-.00242	.12297	.03506
#3	-.00007	.01949	-.00311	.12285	.03491
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**7.8512**	**-.00006**	**-.00018**	**-.00015**
Stddev	.00006	.0307	.00002	.00011	.00024
%RSD	16.204	.39156	33.982	63.080	157.99
#1	-.00039	7.8666	-.00007	-.00028	-.00023
#2	-.00037	7.8158	-.00004	-.00019	-.00034
#3	-.00028	7.8712	-.00007	-.00006	.00012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2P5F Acquired: 6/4/2010 14:36:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00136**	**.01091**	**1.2073**	**.00222**	**2.6180**
Stddev	.00219	.00333	.0815	.00233	.0095
%RSD	160.96	30.531	6.7478	104.87	.36284
#1	-.00309	.00745	1.2799	.00152	2.6282
#2	-.00208	.01116	1.2228	.00482	2.6093
#3	.00110	.01410	1.1192	.00032	2.6165
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00337**	**-.00094**	**6.9740**	**.00130**	**-.00084**
Stddev	.00033	.00022	.0187	.00023	.00025
%RSD	9.6924	22.936	.26760	17.713	29.445
#1	.00299	-.00072	6.9725	.00154	-.00059
#2	.00358	-.00115	6.9561	.00108	-.00083
#3	.00354	-.00095	6.9933	.00127	-.00109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2P5F Acquired: 6/4/2010 14:36:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00078**	**-.00074**	**1.3519**	**.00032**	**.13308**
Stddev	.00060	.00144	.0082	.00028	.00071
%RSD	77.330	195.20	.60395	89.614	.53390
#1	.00144	-.00030	1.3460	.00006	.13312
#2	.00028	-.00234	1.3484	.00062	.13235
#3	.00060	.00044	1.3612	.00026	.13377
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00161**	**-.00107**	**-.00050**	**.00090**
Stddev	.00131	.00108	.00021	.00018
%RSD	81.515	100.44	41.891	19.672
#1	-.00181	-.00011	-.00038	.00081
#2	-.00021	-.00223	-.00074	.00079
#3	-.00281	-.00088	-.00038	.00110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ2P5F Acquired: 6/4/2010 14:36:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2990.9**	**6719.0**	**99849.**	**14666.**
Stddev	23.6	53.9	1559.	218.
%RSD	.78879	.80225	1.5618	1.4876
#1	2972.0	6669.5	98101.	14901.
#2	3017.3	6776.4	100350.	14625.
#3	2983.4	6711.0	101100.	14471.

Sample Name: L2CJ2SF Acquired: 6/4/2010 14:40:57 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04972**	**2.1021**	**2.1067**	**1.6695**	**2.1840**
Stddev	.00057	.0027	.0099	.0033	.0032
%RSD	1.1369	.12649	.46876	.19906	.14823
#1	.05037	2.1000	2.1152	1.6725	2.1803
#2	.04942	2.1051	2.0959	1.6659	2.1865
#3	.04936	2.1012	2.1090	1.6701	2.1852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05130**	**38.095**	**.04963**	**.51504**	**.20471**
Stddev	.00009	.044	.00015	.00093	.00055
%RSD	.16975	.11659	.30639	.18112	.27104
#1	.05120	38.044	.04963	.51609	.20535
#2	.05136	38.114	.04978	.51431	.20440
#3	.05134	38.126	.04947	.51471	.20437
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2SF Acquired: 6/4/2010 14:40:57 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25112**	**1.1532**	**5.8502**	**1.0316**	**12.760**
Stddev	.00184	.0055	.0092	.0026	.043
%RSD	.73361	.47329	.15673	.25110	.33696
#1	.24900	1.1473	5.8399	1.0289	12.712
#2	.25232	1.1541	5.8531	1.0341	12.773
#3	.25204	1.1581	5.8575	1.0317	12.795
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.52657**	**-.00069**	**33.560**	**.51534**	**.50036**
Stddev	.00106	.00012	.036	.00051	.00194
%RSD	.20151	17.901	.10860	.09896	.38866
#1	.52576	-.00079	33.539	.51593	.49993
#2	.52618	-.00055	33.602	.51509	.49866
#3	.52777	-.00074	33.539	.51501	.50248
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2SF Acquired: 6/4/2010 14:40:57 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00149**	**2.1112**	**6.6458**	**.00001**	**1.6746**
Stddev	.00035	.0057	.0086	.00068	.0031
%RSD	23.513	.26811	.12967	8552.1	.18768
#1	-.00186	2.1175	6.6369	.00044	1.6715
#2	-.00116	2.1095	6.6465	.00036	1.6746
#3	-.00146	2.1065	6.6541	-.00078	1.6778
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00111**	**2.0294**	**.51533**	**.51305**
Stddev	.00181	.0062	.00108	.00131
%RSD	163.19	.30480	.21019	.25463
#1	.00138	2.0326	.51618	.51438
#2	.00276	2.0223	.51570	.51300
#3	-.00082	2.0333	.51411	.51177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ2SF Acquired: 6/4/2010 14:40:57 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2930.1**	**6794.4**	**98654.**	**15414.**
Stddev	17.5	49.5	469.	148.
%RSD	.59799	.72874	.47584	.95710
#1	2923.6	6779.7	98354.	15553.
#2	2916.7	6754.0	98414.	15431.
#3	2949.9	6849.6	99195.	15259.

Sample Name: L2CJ2DF Acquired: 6/4/2010 14:45:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05057**	**2.1244**	**2.1599**	**1.7002**	**2.2077**
Stddev	.00034	.0094	.0051	.0012	.0006
%RSD	.66601	.44330	.23794	.06916	.02898
#1	.05031	2.1301	2.1649	1.7004	2.2069
#2	.05095	2.1135	2.1546	1.6989	2.2079
#3	.05044	2.1295	2.1601	1.7012	2.2082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05190**	**37.585**	**.05053**	**.52144**	**.20947**
Stddev	.00010	.123	.00020	.00094	.00089
%RSD	.20203	.32831	.38656	.17961	.42314
#1	.05201	37.663	.05064	.52049	.20918
#2	.05180	37.443	.05031	.52148	.21046
#3	.05188	37.650	.05065	.52236	.20876
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2DF Acquired: 6/4/2010 14:45:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25225**	**1.1369**	**5.6509**	**1.0463**	**12.603**
Stddev	.00249	.0053	.0458	.0008	.034
%RSD	.98649	.46600	.81045	.08056	.27012
#1	.24945	1.1345	5.6070	1.0472	12.621
#2	.25421	1.1332	5.6473	1.0461	12.564
#3	.25308	1.1430	5.6984	1.0455	12.624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.53249**	**-.00085**	**33.360**	**.52299**	**.50785**
Stddev	.00041	.00005	.091	.00043	.00079
%RSD	.07779	5.2716	.27134	.08141	.15603
#1	.53205	-.00086	33.440	.52342	.50698
#2	.53258	-.00090	33.261	.52298	.50806
#3	.53286	-.00081	33.377	.52257	.50852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2DF Acquired: 6/4/2010 14:45:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00004**	**2.1494**	**6.5843**	**.00009**	**1.6766**
Stddev	.00023	.0026	.0096	.00062	.0034
%RSD	585.88	.12214	.14570	719.64	.20046
#1	.00013	2.1524	6.5848	.00035	1.6767
#2	.00021	2.1486	6.5745	-.00062	1.6732
#3	-.00022	2.1474	6.5937	.00052	1.6799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00050**	**2.0836**	**.52538**	**.52820**
Stddev	.00146	.0051	.00029	.00082
%RSD	291.73	.24275	.05484	.15516
#1	.00050	2.0892	.52509	.52862
#2	.00197	2.0793	.52539	.52725
#3	-.00096	2.0824	.52566	.52871
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ2DF Acquired: 6/4/2010 14:45:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2917.2**	**6727.4**	**98303.**	**15312.**
Stddev	13.8	36.3	279.	241.
%RSD	.47352	.53969	.28386	1.5722
#1	2902.8	6689.4	98400.	15159.
#2	2930.3	6761.7	97989.	15590.
#3	2918.5	6731.2	98521.	15189.

Sample Name: CCV1-6 Acquired: 6/4/2010 14:49:14 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0092**	**26.349**	F **.55079**	**2.0771**	**2.0203**
Stddev	.0011	.071	.00508	.0025	.0029
%RSD	.11083	.26965	.92232	.12138	.14428
#1	1.0101	26.287	.55179	2.0796	2.0211
#2	1.0097	26.426	.55529	2.0771	2.0171
#3	1.0080	26.333	.54528	2.0745	2.0228
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value			.50000		
Range			10.000%		

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0668**	**52.316**	**.48860**	**2.0921**	**2.0510**
Stddev	.0043	.149	.00023	.0030	.0018
%RSD	.20569	.28440	.04613	.14216	.08745
#1	2.0627	52.195	.48855	2.0887	2.0500
#2	2.0712	52.482	.48841	2.0934	2.0499
#3	2.0665	52.271	.48885	2.0943	2.0530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-6 Acquired: 6/4/2010 14:49:14 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0362**	**26.265**	**131.54**	**2.0621**	**51.227**
Stddev	.0095	.028	.41	.0028	.146
%RSD	.46603	.10506	.31496	.13481	.28577
#1	2.0269	26.234	131.21	2.0647	51.071
#2	2.0458	26.282	132.01	2.0592	51.249
#3	2.0360	26.281	131.40	2.0623	51.362
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0073**	**2.0134**	**127.80**	**2.0897**	**.50969**
Stddev	.0073	.0009	.16	.0015	.00074
%RSD	.36314	.04494	.12221	.07044	.14551
#1	2.0013	2.0140	127.70	2.0881	.50883
#2	2.0052	2.0138	127.98	2.0910	.51009
#3	2.0154	2.0123	127.71	2.0900	.51015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-6 Acquired: 6/4/2010 14:49:14 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51462**	**.51845**	**2.0365**	**1.9761**	**2.0715**
Stddev	.00106	.00120	.0065	.0037	.0073
%RSD	.20658	.23118	.31881	.18840	.35038
#1	.51579	.51708	2.0291	1.9803	2.0657
#2	.51436	.51894	2.0388	1.9732	2.0797
#3	.51372	.51932	2.0415	1.9749	2.0692
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0551**	**1.0253**	**2.0831**	**2.0379**
Stddev	.0048	.0015	.0015	.0037
%RSD	.23150	.14630	.07052	.18279
#1	2.0496	1.0269	2.0826	2.0417
#2	2.0577	1.0250	2.0819	2.0377
#3	2.0580	1.0240	2.0847	2.0343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-6 Acquired: 6/4/2010 14:49:14 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2710.0**	**6509.3**	**95021.**	**14416.**
Stddev	5.6	15.9	1261.	155.
%RSD	.20837	.24498	1.3266	1.0785
#1	2707.3	6493.5	96433.	14556.
#2	2706.2	6509.1	94008.	14248.
#3	2716.5	6525.4	94623.	14442.

Sample Name: CCB6 Acquired: 6/4/2010 14:53:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00025**	**.01810**	**-.00092**	**.00481**	**.00065**
Stddev	.00030	.00537	.00245	.00016	.00026
%RSD	118.71	29.675	267.75	3.3134	39.535
#1	-.00010	.01206	.00006	.00484	.00039
#2	-.00060	.02234	.00090	.00496	.00066
#3	-.00006	.01990	-.00371	.00464	.00090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00013**	**.02441**	**.00014**	**.00051**	**.00052**
Stddev	.00004	.00394	.00003	.00019	.00018
%RSD	33.782	16.150	22.192	37.886	35.243
#1	.00009	.02008	.00012	.00031	.00041
#2	.00013	.02778	.00012	.00051	.00042
#3	.00018	.02537	.00018	.00070	.00073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB6 Acquired: 6/4/2010 14:53:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00011**	**.01030**	**.04945**	**-.00107**	**.01191**
Stddev	.00097	.00149	.09313	.00082	.02294
%RSD	911.82	14.511	188.35	76.320	192.60
#1	.00121	.00860	.04046	-.00040	-.00866
#2	-.00027	.01086	-.03887	-.00083	.00774
#3	-.00062	.01143	.14675	-.00198	.03666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00027**	**.00156**	**.17489**	**.00044**	**-.00092**
Stddev	.00027	.00022	.00840	.00021	.00068
%RSD	102.88	14.131	4.8039	48.342	73.846
#1	.00001	.00182	.17606	.00022	-.00154
#2	.00055	.00147	.18264	.00064	-.00020
#3	.00024	.00140	.16596	.00046	-.00102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB6 Acquired: 6/4/2010 14:53:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00083**	**.00052**	**.00071**	**.00108**	**.00012**
Stddev	.00059	.00270	.00524	.00044	.00008
%RSD	71.917	519.84	737.24	40.480	64.585
#1	.00064	.00334	.00510	.00058	.00016
#2	.00149	-.00203	.00213	.00138	.00017
#3	.00035	.00025	-.00510	.00127	.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00207**	**.00094**	**.00030**	**.00030**
Stddev	.00076	.00072	.00030	.00008
%RSD	36.730	76.972	102.33	27.554
#1	.00175	.00125	.00018	.00038
#2	.00293	.00011	.00007	.00021
#3	.00152	.00146	.00064	.00030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB6 Acquired: 6/4/2010 14:53:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2987.8**	**6753.1**	**100080.**	**14810.**
Stddev	6.2	12.2	159.	33.
%RSD	.20864	.18025	.15857	.22136
#1	2981.7	6746.6	100160.	14822.
#2	2994.2	6767.1	100180.	14772.
#3	2987.6	6745.5	99896.	14834.

Sample Name: L2CJ6F Acquired: 6/4/2010 14:57:50 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**.00927**	**.00061**	**1.2035**	**.02882**
Stddev	.00048	.00417	.00140	.0019	.00017
%RSD	152.99	45.045	230.11	.15980	.59354
#1	-.00015	.00459	-.00013	1.2054	.02878
#2	-.00085	.01261	-.00027	1.2033	.02900
#3	.00007	.01061	.00223	1.2016	.02867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**65.609**	**-.00003**	**.00036**	**.00081**
Stddev	.00005	.118	.00004	.00006	.00053
%RSD	51.004	.17941	138.34	16.952	65.484
#1	-.00017	65.741	-.00006	.00040	.00060
#2	-.00006	65.571	.00002	.00029	.00141
#3	-.00009	65.515	-.00005	.00038	.00042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ6F Acquired: 6/4/2010 14:57:50 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00929**	**.01693**	**.52606**	**.02462**	**33.644**
Stddev	.00179	.00061	.06166	.00059	.039
%RSD	19.242	3.6267	11.721	2.4017	.11714
#1	.00736	.01754	.45652	.02530	33.628
#2	.00962	.01631	.54760	.02432	33.689
#3	.01089	.01693	.57405	.02424	33.615
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.08465**	**.00074**	**18.568**	**.00143**	**.00162**
Stddev	.00038	.00022	.040	.00014	.00050
%RSD	.45308	30.358	.21365	10.075	30.655
#1	.08484	.00051	18.612	.00128	.00208
#2	.08489	.00074	18.558	.00144	.00169
#3	.08420	.00096	18.535	.00156	.00109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ6F Acquired: 6/4/2010 14:57:50 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00035**	**.00036**	**8.7790**	**-.00003**	**.16406**
Stddev	.00058	.00102	.0165	.00041	.00021
%RSD	164.19	283.56	.18815	1474.4	.13062
#1	.00081	-.00013	8.7666	-.00045	.16430
#2	.00054	-.00032	8.7977	-.00001	.16398
#3	-.00030	.00154	8.7727	.00037	.16389
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00088**	**-.00078**	**-.00003**	**.05505**
Stddev	.00112	.00058	.00028	.00020
%RSD	127.49	74.978	1094.8	.36945
#1	.00216	-.00143	.00023	.05511
#2	.00036	-.00058	.00002	.05482
#3	.00011	-.00032	-.00032	.05521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ6F Acquired: 6/4/2010 14:57:50 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2939.3**	**6834.6**	**101300.**	**15417.**
Stddev	16.8	41.5	431.	65.
%RSD	.57159	.60763	.42588	.42317
#1	2929.9	6811.4	101100.	15485.
#2	2958.7	6882.6	100990.	15355.
#3	2929.3	6809.9	101790.	15412.

Sample Name: L2CJ7F Acquired: 6/4/2010 15:02:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00053**	**.00498**	**.00110**	**.31209**	**.01802**
Stddev	.00042	.00971	.00102	.00132	.00046
%RSD	79.657	195.13	92.789	.42403	2.5391
#1	-.00034	.00301	.00203	.31346	.01787
#2	-.00101	-.00360	.00001	.31198	.01766
#3	-.00023	.01552	.00126	.31082	.01854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00021**	**68.809**	**.00006**	**.00009**	**.00006**
Stddev	.00005	.186	.00001	.00037	.00028
%RSD	25.238	.27023	18.774	397.07	482.66
#1	-.00015	68.610	.00005	.00042	-.00005
#2	-.00026	68.839	.00007	-.00031	-.00015
#3	-.00022	68.979	.00005	.00017	.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ7F Acquired: 6/4/2010 15:02:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04319**	**.00221**	**16.903**	**.06694**	**27.137**
Stddev	.00143	.00178	.171	.00173	.036
%RSD	3.3174	80.751	1.0120	2.5816	.13286
#1	.04178	.00250	16.735	.06523	27.125
#2	.04316	.00383	16.896	.06868	27.108
#3	.04464	.00030	17.077	.06693	27.177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.02148**	**.00323**	**58.548**	**.00208**	**.00052**
Stddev	.00025	.00027	.113	.00037	.00043
%RSD	1.1418	8.3270	.19320	17.717	81.430
#1	.02146	.00350	58.429	.00207	.00080
#2	.02174	.00296	58.561	.00245	.00074
#3	.02125	.00323	58.654	.00171	.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ7F Acquired: 6/4/2010 15:02:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00093**	**-.00030**	**7.5796**	**.00007**	**.75533**
Stddev	.00211	.00281	.0259	.00032	.00166
%RSD	227.94	925.90	.34138	449.70	.21939
#1	-.00323	-.00258	7.5627	.00044	.75344
#2	.00091	-.00117	7.5668	-.00019	.75598
#3	-.00045	.00283	7.6094	-.00003	.75656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00128**	**-.00099**	**.00017**	**.29104**
Stddev	.00190	.00040	.00020	.00091
%RSD	148.35	40.020	117.74	.31417
#1	.00329	-.00143	.00023	.29207
#2	-.00049	-.00088	-.00005	.29072
#3	.00105	-.00066	.00034	.29032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ7F Acquired: 6/4/2010 15:02:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2878.4**	**6717.8**	**98366.**	**15079.**
Stddev	25.6	55.0	972.	163.
%RSD	.88851	.81873	.98827	1.0836
#1	2855.4	6665.9	97270.	15246.
#2	2905.9	6775.4	98703.	15072.
#3	2874.0	6712.0	99125.	14919.

Sample Name: L2CJ8F Acquired: 6/4/2010 15:06:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00014**	**.12046**	**.00830**	**.42201**	**.04246**
Stddev	.00015	.00904	.00200	.00017	.00064
%RSD	106.58	7.5051	24.106	.03957	1.5050
#1	-.00023	.12067	.00618	.42182	.04320
#2	.00003	.12940	.00857	.42205	.04206
#3	-.00021	.11132	.01015	.42215	.04212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00023**	**125.00**	**-.00006**	**.00040**	**-.00017**
Stddev	.00006	1.92	.00003	.00034	.00029
%RSD	24.390	1.5385	46.526	85.498	173.64
#1	-.00016	126.89	-.00010	.00020	-.00046
#2	-.00026	123.05	-.00004	.00080	.00012
#3	-.00026	125.06	-.00006	.00021	-.00016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ8F Acquired: 6/4/2010 15:06:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00013**	**1.2217**	**2.0680**	**.04458**	**51.612**
Stddev	.00148	.0057	.1218	.00025	.168
%RSD	1147.5	.46742	5.8888	.55524	.32503
#1	.00129	1.2283	2.2077	.04450	51.795
#2	-.00002	1.2183	2.0119	.04438	51.466
#3	-.00166	1.2186	1.9844	.04485	51.574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.39079**	**.00048**	**53.634**	**.00184**	**.00070**
Stddev	.00200	.00008	.182	.00023	.00048
%RSD	.51244	16.288	.33940	12.380	68.939
#1	.39306	.00043	53.842	.00200	.00061
#2	.38930	.00058	53.557	.00158	.00027
#3	.39000	.00045	53.504	.00193	.00122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ8F Acquired: 6/4/2010 15:06:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00030**	**.00231**	**6.5750**	**-.00035**	**.35460**
Stddev	.00085	.00076	.0200	.00016	.00202
%RSD	285.97	32.749	.30456	44.366	.56858
#1	-.00055	.00260	6.5943	-.00047	.35684
#2	.00030	.00288	6.5543	-.00017	.35402
#3	.00114	.00145	6.5765	-.00041	.35294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00396**	**-.00168**	**.00001**	**.01324**
Stddev	.00143	.00144	.00034	.00005
%RSD	36.017	85.827	2964.8	.40885
#1	.00493	-.00326	.00033	.01320
#2	.00464	-.00132	.00004	.01330
#3	.00232	-.00045	-.00034	.01322
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ8F Acquired: 6/4/2010 15:06:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2805.1**	**6617.0**	**97391.**	**15202.**
Stddev	4.3	9.6	718.	19.
%RSD	.15333	.14489	.73758	.12763
#1	2803.7	6611.5	97391.	15180.
#2	2801.7	6611.4	98110.	15212.
#3	2810.0	6628.0	96673.	15215.

Sample Name: CCV1-7 Acquired: 6/4/2010 15:11:01 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0144**	**26.159**	F **.55260**	**2.0818**	**2.0378**
Stddev	.0035	.089	.00211	.0029	.0034
%RSD	.34259	.34142	.38273	.13737	.16422
#1	1.0122	26.158	.55477	2.0851	2.0340
#2	1.0184	26.071	.55250	2.0798	2.0388
#3	1.0125	26.249	.55054	2.0805	2.0404
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value			.50000		
Range			10.000%		

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0733**	**52.161**	**.49072**	**2.1027**	**2.0512**
Stddev	.0056	.140	.00060	.0015	.0073
%RSD	.26783	.26841	.12181	.07143	.35752
#1	2.0696	52.145	.49009	2.1010	2.0444
#2	2.0707	52.030	.49128	2.1038	2.0590
#3	2.0797	52.309	.49077	2.1033	2.0504
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-7 Acquired: 6/4/2010 15:11:01 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0171**	**26.290**	**130.21**	**2.0635**	**51.432**
Stddev	.0047	.010	.34	.0057	.063
%RSD	.23374	.03732	.25854	.27820	.12305
#1	2.0211	26.282	130.24	2.0589	51.421
#2	2.0119	26.288	129.86	2.0616	51.375
#3	2.0184	26.301	130.53	2.0699	51.501
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0175**	**2.0278**	**128.16**	**2.0989**	**.51003**
Stddev	.0030	.0027	.34	.0019	.00094
%RSD	.14746	.13390	.26858	.08797	.18402
#1	2.0151	2.0252	127.90	2.1005	.51094
#2	2.0208	2.0306	128.03	2.0969	.51007
#3	2.0165	2.0276	128.55	2.0993	.50906
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-7 Acquired: 6/4/2010 15:11:01 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51501**	**.51802**	**2.0390**	**1.9824**	**2.0622**
Stddev	.00104	.00222	.0032	.0024	.0069
%RSD	.20282	.42771	.15481	.11914	.33381
#1	.51405	.52057	2.0419	1.9797	2.0623
#2	.51484	.51684	2.0356	1.9840	2.0552
#3	.51612	.51664	2.0394	1.9836	2.0690
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0522**	**1.0218**	**2.0882**	**2.0363**
Stddev	.0060	.0037	.0046	.0018
%RSD	.29098	.35982	.22134	.08859
#1	2.0510	1.0233	2.0829	2.0347
#2	2.0469	1.0176	2.0913	2.0360
#3	2.0587	1.0245	2.0905	2.0383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-7 Acquired: 6/4/2010 15:11:01 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2684.1**	**6436.4**	**94048.**	**14574.**
Stddev	16.3	39.8	918.	123.
%RSD	.60683	.61765	.97597	.84364
#1	2702.9	6482.1	95059.	14463.
#2	2674.4	6410.1	93267.	14553.
#3	2675.0	6416.9	93819.	14706.

Sample Name: CCB7 Acquired: 6/4/2010 15:15:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00004**	**.02429**	**.00004**	**.00370**	**.00088**
Stddev	.00028	.00846	.00080	.00050	.00013
%RSD	645.19	34.846	2133.9	13.443	15.314
#1	.00011	.03364	.00049	.00418	.00103
#2	-.00027	.02208	.00051	.00372	.00078
#3	.00029	.01714	-.00089	.00319	.00082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00020**	**.02610**	**.00011**	**.00044**	**.00051**
Stddev	.00002	.00071	.00002	.00017	.00015
%RSD	8.4422	2.7309	22.585	38.447	29.002
#1	.00019	.02657	.00010	.00061	.00058
#2	.00022	.02528	.00008	.00044	.00061
#3	.00019	.02646	.00013	.00027	.00034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB7 Acquired: 6/4/2010 15:15:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00092**	**.01044**	**.11272**	**-.00093**	**.03119**
Stddev	.00130	.00105	.04157	.00048	.01813
%RSD	140.11	10.080	36.877	51.681	58.125
#1	-.00127	.01075	.14250	-.00065	.01390
#2	.00051	.00927	.13044	-.00065	.02962
#3	-.00201	.01131	.06523	-.00148	.05006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00031**	**.00151**	**.15865**	**.00062**	**-.00158**
Stddev	.00021	.00022	.01099	.00028	.00042
%RSD	66.537	14.512	6.9266	45.207	26.398
#1	.00045	.00176	.16606	.00091	-.00192
#2	.00042	.00141	.16386	.00059	-.00111
#3	.00007	.00136	.14602	.00036	-.00171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB7 Acquired: 6/4/2010 15:15:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00035**	**-.00026**	**.00348**	**.00084**	**.00027**
Stddev	.00151	.00034	.00339	.00031	.00008
%RSD	427.12	131.51	97.632	36.575	31.441
#1	-.00139	-.00054	.00673	.00119	.00024
#2	.00121	-.00036	.00375	.00060	.00036
#3	.00124	.00012	-.00004	.00074	.00020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00092**	**-.00073**	**.00015**	**.00000**
Stddev	.00070	.00052	.00034	.0001
%RSD	75.273	71.592	233.09	1526.9
#1	-.00048	-.00128	-.00013	.00007
#2	-.00173	-.00065	.00004	-.00005
#3	-.00057	-.00025	.00053	-.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB7 Acquired: 6/4/2010 15:15:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3017.0**	**6809.2**	**100380.**	**14621.**
Stddev	3.3	11.9	114.	52.
%RSD	.10838	.17508	.11338	.35737
#1	3014.6	6799.4	100300.	14613.
#2	3015.7	6805.7	100510.	14677.
#3	3020.7	6822.5	100340.	14573.

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3	CorrFact	Check	Check Table
1	500	5	1	5	QC	ICV1-1 MET2413-10	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	ICV
2	500	5	1	5	QC	ICV1-2 MET2413-10	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	ICV
3	505	5	1	10	QC	ICB1	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
4	501	5	1	6	QC	CRA/RLV MET2136-	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CRA
5	502	5	1	7	QC	ICSA MET2410-10	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	ICSA
6	503	5	1	8	QC	ICSAB MET2201-10	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	ICSAB
7	504	5	1	9	QC	CCV1-1 MET2728-1	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
8	505	5	1	10	QC	CCB1	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
9	1	1	1	1	Unk	L2E69BT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	TCLPMB
10	2	1	2	1	Unk	L2C60BT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	TCLPMB
11	3	1	3	1	Unk	L2E69CT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW
12	4	1	4	1	Unk	L15V9T	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
13	5	1	5	1	Unk	L15V9P5T	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
14	6	1	6	1	Unk	L15V9ST	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
15	7	1	7	1	Unk	L15V9DT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
16	8	1	8	1	Unk	L15V9ST/2	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
17	9	1	9	1	Unk	L15V9DT/2	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
18	10	1	10	1	Unk	L15XGT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
19	504	5	1	9	QC	CCV1-2	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
20	505	5	1	10	QC	CCB2	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
21	11	1	11	1	Unk	L15XKT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
22	12	1	12	1	Unk	L16D2T	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
23	13	1	1	2	Unk	L19EJT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
24	14	1	2	2	Unk	L19EKT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
25	15	1	3	2	Unk	L19ENT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
26	16	1	4	2	Unk	L2DVHBF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	MB
27	17	1	5	2	Unk	L2DVHCF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW
28	18	1	6	2	Unk	L1796F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
29	19	1	7	2	Unk	L1798F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
30	20	1	8	2	Unk	L179VF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
31	504	5	1	9	QC	CCV1-3	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
32	505	5	1	10	QC	CCB3	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
33	21	1	9	2	Unk	L179VP5F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
34	22	1	10	2	Unk	L179VSF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
35	23	1	11	2	Unk	L179VDF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
36	24	1	12	2	Unk	L1839F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
37	25	1	1	3	Unk	L184NF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
38	26	1	2	3	Unk	L184PF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
39	27	1	3	3	Unk	L184QF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
40	28	1	4	3	Unk	L184TF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
41	29	1	5	3	Unk	L18AAF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
42	30	1	6	3	Unk	L2E7DBF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	MB
43	504	5	1	9	QC	CCV1-4	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
44	505	5	1	10	QC	CCB4	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
45	31	1	7	3	Unk	L2E7DCF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3	CorrFact	Check	Check Table
46	32	1	8	3	Unk	L2D0EF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
47	33	1	9	3	Unk	L2D0EP5F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
48	34	1	10	3	Unk	L2D0ESF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
49	35	1	11	3	Unk	L2D0EDF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
50	36	1	12	3	Unk	L2D0FF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
51	37	1	1	4	Unk	L2D0JF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
52	38	1	2	4	Unk	L2D0MF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
53	39	1	3	4	Unk	L2DVVB	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	MB
54	40	1	4	4	Unk	L2DVVC	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW
55	504	5	1	9	QC	CCV1-5	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
56	505	5	1	10	QC	CCB5	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
57	41	1	5	4	Unk	L2CVV	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
58	42	1	6	4	Unk	L2CVVP5	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
59	43	1	7	4	Unk	L2CVVS	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
60	44	1	8	4	Unk	L2CVVD	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
61	45	1	9	4	Unk	L2DVNBF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	MB
62	46	1	10	4	Unk	L2DVNCF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW
63	47	1	11	4	Unk	L2CJ2F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
64	48	1	12	4	Unk	L2CJ2P5F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
65	49	1	1	5	Unk	L2CJ2SF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
66	50	1	2	5	Unk	L2CJ2DF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
67	504	5	1	9	QC	CCV1-6	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
68	505	5	1	10	QC	CCB6	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
69	51	1	3	5	Unk	L2CJ6F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
70	52	1	4	5	Unk	L2CJ7F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
71	53	1	5	5	Unk	L2CJ8F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
72	504	5	1	9	QC	CCV1-7	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
73	505	5	1	10	QC	CCB7	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK

TestAmerica Pittsburgh *Metals Preparation Log*

Batch No. 0154092

v1.0.5 - Last Revised 12/30/2005

Method 3005A	**Matrix** Water	**Start Time** 0840	**SDG** -
Analyst Caitlyn Haluck	**Date** 6/3/10	**Lot Numbers**	
MS TAPITT-MS-B, TAPITT-MS-C		A0E280509, A0E280605	
Lab Lot # -met2145-10, met2283-10			
Analyst Sign: Caitlyn Haluck			

Sample ID	Initial Wt/Vol g/mL	Final Vol mL	Comments
L1796	50mL	50mL	
L1798			6.3.10CH
L179V			
L179V S			+0.5mL ms.B.ms.C
L179V D			
L1839			
L184N			
L184P			
L184Q			6.3.10CH
L184T			
L18AA			
L2DVH B	50mLDI		
L2DVH C			+0.5mL ms.B.ms.C
			6.3.10CH

SAMPLE CODING: B-Blank C-Check L-Check Duplicate S-Matrix Spike D-Matrix Spike Duplicate X-Sample Duplicate

NOTE: Samples marked with an asterisk (*) required filtration after digestion and prior to analysis
Samples marked with a plus sign (+) required additional Conc.HNO3 in digestion process, brown fumes were observed

Reagents: 1 mL Conc. HNO3, 6623 J04031, MG Scientific
2.5 mL Conc. HCl, 5587 H42A18, MG Scientific

Hot Plate/Block Temp	Correction Factor
#3/96°C	-1.0°C

Minimum digestion times have been met (analyst initials): CH

Digestate(s)	Date	Time	(Received)	Analyst	Location	Date	Time	(Relinquished)	Analyst	Location
all above	6.3.10		1300	CH	Prep	6.3.10		1345	CH	DS
All Above	6/4/10		0945	RG	DS	6/4/10		1045	RG	DS

	Lot Number	Manufacturer	
Initial Digestion Vessel:	A909LS162	Environmental Express	**Pipet #:** 03F95602
Final Digestion Vessel:	n/a	n/a	**Balance #:** n/a
Filter Paper:	n/a	n/a	Printed on: 03-Jun-10 9:33:17 AM

Reviewed By: Tom Rosenbaum **Date:** 6-3-10

REQUESTED BY: **HALUCKC**

METHOD: QM Inductively Coupled Plasma (6010B Trace)

STORAGE LOCATION	WORK ORDER #	PICKED CNTR#	CONTROL #	CLIENT #	ANALYSIS	LOTID	SMP#	SFX	MATRIX DESCRIPTION	QTY RCVD	QTY REQD
C205 MS S19 PIT	L1796	___ ___ ___	823559	545107	I-00-QM	A0E280509	004		WATER	9	1
C205 MS S19 PIT	L1798	___ ___ ___	823560	545107	I-00-QM	A0E280509	005		WATER	9	1
C205 MS S19 PIT	L18AA	___ ___ ___	823561	545107	I-00-QM	A0E280509	006		WATER	9	1
C205 S19 MS PIT	L179V	___ ___ ___	823558	545107	I-00-QM	A0E280509	003		WATER	27	1
C212 S19 MS PIT	L1839	___ ___ ___	823562	545107	I-00-QM	A0E280605	001		WATER	9	1
C212 S19 MS PIT	L184N	___ ___ ___	823563	545107	I-00-QM	A0E280605	002		WATER	9	1
C212 S19 MS PIT	L184P	___ ___ ___	823564	545107	I-00-QM	A0E280605	003		WATER	9	1
C212 S19 MS PIT	L184Q	___ ___ ___	823565	545107	I-00-QM	A0E280605	004		WATER	9	1
C212 S19 MS PIT	L184T	___ ___ ___	823566	545107	I-00-QM	A0E280605	005		WATER	9	1

RELINQUISHED BY	RECEIVED BY	DATE/TIME
A	CEH	6-3-10 (800)
CEH	P Faust	6-3-10 (1110)

***** END OF REPORT *****

END OF REPORT

ANALYTICAL REPORT

PROJECT NO. KC001590.0003 00004

OAK GROVE VILLAGE

Lot #: A0E280509

Paul Jack, ESPM

TRW Automotive Inc
12025 Tech Center Drive
Livonia, MI 48150

TESTAMERICA LABORATORIES, INC.

Approved for release.
Denise Pohl
Project Manager
6/18/2010 1:29 PM

Denise Pohl
Project Manager
denise.pohl@testamericainc.com

June 18, 2010

Table of Contents

Case Narrative 2
Executive Summary 7
Analytical Method Summary 10
Sample Summary 12
Shipping and Receiving Documents 14
GC/MS Volatile Data 18
Inorganic/Metals Data 77
General Chemistry Data 97
PITTSBURGH DATA 119

Total # of Pages in this Document 138

CASE NARRATIVE

CASE NARRATIVE

A0E280509

The following report contains the analytical results for six water samples and one quality control sample submitted to TestAmerica North Canton by TRW Automotive Inc. from the Oak Grove Village Site, project number KC001590.0003 00004. The samples were received May 28, 2010, according to documented sample acceptance procedures.

The 6010B Field Filter Silica and Lithium analysis was performed at the TestAmerica Pittsburgh laboratory.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Alex Walter on June 17, 2010. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

All parameters were evaluated to the reporting limit.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise Pohl, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 1.7 and 2.6°C.

GC/MS VOLATILES

The matrix spike/matrix spike duplicate(s) for SW-LJ01-201005270800 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 0155058 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample.

METALS

The analytical results met the requirements of the laboratory's QA/QC program.

GENERAL CHEMISTRY

The matrix spike/matrix spike duplicate(s) for SW-LJ01-201005270800 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

Due to analyst error, the sample(s) SW-LJ01-201005270800, SW-LJ02-201005270850, SW-LJ03-201005270920 and EB01-20100527 were loaded onto instrument with twelve (12) samples in between QC. QC is within range and sample data will be reported.

The LCS/LCSD and the CCV were recovered low and outside of criteria Orthophosphate Ion Chromatography. Sample(s) SW-LJ01-201005270800, SW-LJ02-201005270850, SW-LJ03-201005270920, and EB01-20100527 were reanalyzed outside of hold with passing QC. Both sets of data will be reported.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

N:\QAQC\Customer Service\Narrative - Combined RCRA _CWA 032609.doc

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A0E280509

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SW-LJ01-201005270800 05/27/10 08:00 003				
Strontium - DISSOLVED	54.6	10.0	ug/L	SW846 6020
Silica - DISSOLVED	10100	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	30300	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	16900	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	8800	5000	ug/L	SW846 6010B
Trichloroethene	1.0	1.0	ug/L	SW846 8260B
Dissolved Chloride	10.1	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.90	0.10	mg/L	SW846 9056A
Dissolved ortho-Phosphate	0.60	0.50	mg/L	SW846 9056A
Dissolved Sulfate	9.1	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	139	5.0	mg/L	SM18 2320 B
SW-LJ02-201005270850 05/27/10 08:50 004				
Strontium - DISSOLVED	56.2	10.0	ug/L	SW846 6020
Silica - DISSOLVED	11500	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	29500	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	16700	5000	ug/L	SW846 6010B
Dissolved Nitrate as N	0.10	0.10	mg/L	SW846 9056A
Dissolved ortho-Phosphate	1.1	0.50	mg/L	SW846 9056A
Dissolved ortho-Phosphate	1.5	0.50	mg/L	SW846 9056A
Dissolved Sulfate	6.5	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	144	5.0	mg/L	SM18 2320 B
SW-LJ03-201005270920 05/27/10 09:20 005				
Strontium - DISSOLVED	54.1	10.0	ug/L	SW846 6020
Silica - DISSOLVED	10100	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	30000	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	16600	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	8860	5000	ug/L	SW846 6010B
Dissolved Chloride	10.3	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.90	0.10	mg/L	SW846 9056A
Dissolved ortho-Phosphate	0.70	0.50	mg/L	SW846 9056A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0E280509

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SW-LJ03-201005270920 05/27/10 09:20 005				
Dissolved ortho-Phosphate	1.0	0.50	mg/L	SW846 9056A
Dissolved Sulfate	9.3	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	140	5.0	mg/L	SM18 2320 B
EB01-20100527 05/27/10 11:30 006				
Dissolved ortho-Phosphate	0.83	0.50	mg/L	SW846 9056A
Dissolved ortho-Phosphate	0.70	0.50	mg/L	SW846 9056A

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A0E280509

PARAMETER	ANALYTICAL METHOD
Ammonia Nitrogen	SM18 4500 NH3 E
Bicarbonate alkalinity	SM18 2320 B
Bromide	SW846 9056A
Carbonate Alkalinity	SM18 2320 B
Chloride	SW846 9056A
Fluoride	SW846 9056A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Nitrate as N	SW846 9056A
Nitrite as N	SW846 9056A
Phosphate, ortho as P	SW846 9056A
Phosphorus, All Forms, Ascorbic Acid	SM18 4500-P E
Sulfate	SW846 9056A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

A0E280509

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L179K	001	SW-CH01-201005261550	05/26/10	15:50
L179M	002	SW-TC01-201005261740	05/26/10	17:40
L179V	003	SW-LJ01-201005270800	05/27/10	08:00
L1796	004	SW-LJ02-201005270850	05/27/10	08:50
L1798	005	SW-LJ03-201005270920	05/27/10	09:20
L18AA	006	EB01-20100527	05/27/10	11:30
L18AV	007	TB01-20100526	05/27/10	11:30

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING
AND
RECEIVING DOCUMENTS

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

15

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: ARCADIS	Client Project Manager: JOHN SHONFELT	Site Contact: WESLEY MASSARO	Lab Contact: DENISE POHL
Address: 8725 Rosehill, Suite 350	Telephone: 913 492 0900	Telephone: 913 900 7607	Telephone: 330 966 9789
City/State/Zip: Lenexa, KS 66215	Email: JOHN.SHONFELT@ARCADIS-US.COM	Analysis Turnaround Time (in BUS days)	COC No: 1 of 1 COCs
Phone: 913 492 0900		TAT if different from below _____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day	For lab use only: Walk in client ☐ Lab pickup ☐ Lab sampling ☐ Job/SDG No:
Project Name: OAK GROVE Village	Method of Shipment/Carrier: FEDEX		
Project Number: KC001570.0003 00004	Shipping/Tracking No:		
PO#			

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite (C) / Grab (G)	TCL VOCs	METALS *	Si, Na, K, Sr *	Chloride, Ions *	Carb / Bicarb						Sample Specific Notes / Special Instructions:
SW-CH01-201005261550	5-26-10	1550		X						3						G	X										
SW-TC01-201005261740	5-26-10	1740								3							X										
SW-LJ01-201005270800	5-27-10	0800						3	6	9			9					X	X	X	X						
SW-LJ02-201005270850		0850						1	2	3			3														
SW-LJ03-201005270920		0920						1	2	3			3														
EB01-20100527		1130						1	2	3			3														
TB01-20100526		1130								2																	

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

* SAMPLE ANALYSES FIELD Filtered

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	ARCADIS, INC	5-27-10 1430			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TAL NC	Date/Time: 5/28/10 9:30

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TAL-0018 (1008)

North Canton

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** HOE 280 5089

North Canton Facility

Client Arcadis Project Oak Grove Village By: Alexa Mang (Signature) 5/28/10

Cooler Received on 5/28/10 Opened on 5/28/10

FedEx [X] UPS [ ] DHL [ ] FAS [ ] Stetson [ ] Client Drop Off [ ] TestAmerica Courier [ ] Other ____

TestAmerica Cooler # ____ Multiple Coolers [X] Foam Box [ ] Client Cooler [ ] Other ____

1. Were custody seals on the outside of the cooler(s)? Yes [X] No [ ] Intact? Yes [X] No [ ] NA [ ]
   If YES, Quantity 2 Quantity Unsalvageable ____
   Were custody seals on the outside of cooler(s) signed and dated? Yes [X] No [ ] NA [ ]
   Were custody seals on the bottle(s)? Yes [ ] No [X]
   If YES, are there any exceptions? ____
2. Shippers' packing slip attached to the cooler(s)? Yes [X] No [ ]
3. Did custody papers accompany the sample(s)? Yes [X] No [ ] Relinquished by client? Yes [X] No [ ]
4. Were the custody papers signed in the appropriate place? Yes [X] No [ ]
5. Packing material used: Bubble Wrap [X] Foam [ ] None [ ] Other ____
6. Cooler temperature upon receipt ____ °C See back of form for multiple coolers/temps [X]
   METHOD: IR [X] Other [ ] ____
   COOLANT: Wet Ice [X] Blue Ice [ ] Dry Ice [ ] Water [ ] None [ ]
7. Did all bottles arrive in good condition (Unbroken)? Yes [X] No [ ]
8. Could all bottle labels be reconciled with the COC? Yes [X] No [ ]
9. Were sample(s) at the correct pH upon receipt? Yes [X] No [ ] NA [ ]
10. Were correct bottle(s) used for the test(s) indicated? Yes [X] No [ ]
11. Were air bubbles >6 mm in any VOA vials? Yes [ ] No [X] NA [ ]
12. Sufficient quantity received to perform indicated analyses? Yes [X] No [ ]
13. Was a trip blank present in the cooler(s)? Yes [X] No [ ] Were VOAs on the COC? Yes [X] No [ ]

Contacted PM ____ Date ____ by ____ via Verbal [ ] Voice Mail [ ] Other [ ]

Concerning ____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

____

15. SAMPLE CONDITION

Sample(s) ____ were received after the recommended holding time had expired.

Sample(s) ____ were received in a broken container.

Sample(s) ____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) ____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot#* 121709-HNO_3; *Sulfuric Acid Lot#* 121709-H_2SO_4; *Sodium Hydroxide Lot#* 100108 -*NaOH; Hydrochloric Acid Lot#* 092006-*HCl; Sodium Hydroxide and Zinc Acetate Lot#* 100108-$(CH_3COO)_2ZN/NaOH$. What time was preservative added to sample(s)? ____

Client ID	pH	Date	Initials
001	22-2-2-2-2-2-2-2-2-2-2-2	5/28/10	AM
002	22-2-2-2		
003	22-2-2-2		
EB	22-2-2-2	5/28/10	AM

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
241-298	0.6	IR	wet ice
TAL No#	1.7	↓	↓

Discrepancies Cont'd:

GCMS VOLATILE DATA

TRW Automotive

Client Sample ID: SW-CH01-201005261550

GC/MS Volatiles

Lot-Sample #...: A0E280509-001 **Work Order #...:** L179K1AA **Matrix.....:** WG
Date Sampled...: 05/26/10 15:50 **Date Received..:** 05/28/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-CH01-201005261550

GC/MS Volatiles

Lot-Sample #...: A0E280509-001 **Work Order #...:** L179K1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(73 - 122)
1,2-Dichloroethane-d4	109	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	81	(74 - 116)

TRW Automotive

Client Sample ID: SW-TC01-201005261740

GC/MS Volatiles

Lot-Sample #...: A0E280509-002 **Work Order #...:** L179M1AA **Matrix.....:** WG
Date Sampled...: 05/26/10 17:40 **Date Received..:** 05/28/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-TC01-201005261740

GC/MS Volatiles

Lot-Sample #...: A0E280509-002 **Work Order #...:** L179M1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	115	(73 - 122)
1,2-Dichloroethane-d4	109	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	79	(74 - 116)

TRW Automotive

Client Sample ID: SW-LJ01-201005270800

GC/MS Volatiles

Lot-Sample #...: A0E280509-003 **Work Order #...:** L179V1AA **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-LJ01-201005270800

GC/MS Volatiles

Lot-Sample #...: A0E280509-003 **Work Order #...:** L179V1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	**1.0**	**1.0**	**ug/L**
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	116	(73 - 122)
1,2-Dichloroethane-d4	110	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	79	(74 - 116)

TRW Automotive

Client Sample ID: SW-LJ02-201005270850

GC/MS Volatiles

Lot-Sample #...: A0E280509-004 **Work Order #...:** L17961AE **Matrix.....:** WG
Date Sampled...: 05/27/10 08:50 **Date Received..:** 05/28/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-LJ02-201005270850

GC/MS Volatiles

Lot-Sample #...: A0E280509-004 **Work Order #...:** L17961AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	114	(73 - 122)
1,2-Dichloroethane-d4	108	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	80	(74 - 116)

TRW Automotive

Client Sample ID: SW-LJ03-201005270920

GC/MS Volatiles

Lot-Sample #...: A0E280509-005 **Work Order #...:** L17981AE **Matrix.....:** WG
Date Sampled...: 05/27/10 09:20 **Date Received..:** 05/28/10
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0155058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-LJ03-201005270920

GC/MS Volatiles

Lot-Sample #...: A0E280509-005 **Work Order #...:** L17981AE **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

TRW Automotive

Client Sample ID: EB01-20100527

GC/MS Volatiles

Lot-Sample #...: A0E280509-006 **Work Order #...:** L18AA1AE **Matrix.....:** WQ
Date Sampled...: 05/27/10 11:30 **Date Received..:** 05/28/10
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0155058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: EB01-20100527

GC/MS Volatiles

Lot-Sample #...: A0E280509-006 **Work Order #...:** L18AA1AE **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	105	(73 - 122)
1,2-Dichloroethane-d4	99	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

TRW Automotive

Client Sample ID: TB01-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280509-007 **Work Order #...:** L18AV1AA **Matrix.....:** WQ
Date Sampled...: 05/27/10 11:30 **Date Received..:** 05/28/10
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0155058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: TB01-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280509-007 **Work Order #...:** L18AV1AA **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	106	(73 - 122)
1,2-Dichloroethane-d4	100	(61 - 128)
Toluene-d8	94	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AA **Matrix.....:** WATER
MB Lot-Sample #: A0F040000-058

Prep Date.....: 06/03/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/03/10 **Prep Batch #...:** 0155058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	103	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

NOTE(S):

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

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AA **Matrix.....:** WATER
MB Lot-Sample #: A0F040000-200

Prep Date.....: 06/02/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/02/10 **Prep Batch #...:** 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	104	(73 - 122)
1,2-Dichloroethane-d4	99	(61 - 128)
Toluene-d8	95	(76 - 110)
4-Bromofluorobenzene	83	(74 - 116)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0155058
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**100**	**(80 - 116)**			**SW846 8260B**
	99	**(80 - 116)**	**0.46**	**(0-20)**	**SW846 8260B**
Acetone	79	(22 - 200)			SW846 8260B
	79	(22 - 200)	0.030	(0-95)	SW846 8260B
Bromobenzene	93	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.4	(0-30)	SW846 8260B
Carbon disulfide	112	(73 - 139)			SW846 8260B
	110	(73 - 139)	1.5	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	98	(82 - 116)			SW846 8260B
	99	(82 - 116)	1.0	(0-30)	SW846 8260B
Bromochloromethane	95	(70 - 130)			SW846 8260B
	95	(70 - 130)	0.33	(0-30)	SW846 8260B
2-Butanone	88	(28 - 237)			SW846 8260B
	90	(28 - 237)	2.7	(0-65)	SW846 8260B
Bromodichloromethane	95	(87 - 130)			SW846 8260B
	95	(87 - 130)	0.12	(0-30)	SW846 8260B
Bromoform	95	(76 - 150)			SW846 8260B
	93	(76 - 150)	1.4	(0-30)	SW846 8260B
Bromomethane	76	(64 - 129)			SW846 8260B
	73	(64 - 129)	3.8	(0-30)	SW846 8260B
n-Butylbenzene	89	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.2	(0-30)	SW846 8260B
4-Methyl-2-pentanone	95	(78 - 141)			SW846 8260B
	99	(78 - 141)	4.3	(0-32)	SW846 8260B
2-Hexanone	87	(35 - 200)			SW846 8260B
	88	(35 - 200)	0.95	(0-52)	SW846 8260B
sec-Butylbenzene	89	(70 - 130)			SW846 8260B
	90	(70 - 130)	1.1	(0-30)	SW846 8260B
tert-Butylbenzene	89	(70 - 130)			SW846 8260B
	90	(70 - 130)	1.8	(0-30)	SW846 8260B
Xylenes (total)	99	(87 - 116)			SW846 8260B
	98	(87 - 116)	1.4	(0-30)	SW846 8260B
Carbon tetrachloride	93	(75 - 149)			SW846 8260B
	92	(75 - 149)	1.5	(0-30)	SW846 8260B
Chlorobenzene	**93**	**(76 - 117)**			**SW846 8260B**
	92	**(76 - 117)**	**1.3**	**(0-20)**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromochloromethane	93	(81 - 138)			SW846 8260B
	91	(81 - 138)	2.3	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	108	(70 - 130)			SW846 8260B
	108	(70 - 130)	0.010	(0-30)	SW846 8260B
Methyl acetate	89	(70 - 130)			SW846 8260B
	89	(70 - 130)	0.40	(0-30)	SW846 8260B
Chloroethane	81	(66 - 126)			SW846 8260B
	79	(66 - 126)	2.5	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	96	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.6	(0-30)	SW846 8260B
Cyclohexane	90	(70 - 130)			SW846 8260B
	93	(70 - 130)	2.8	(0-30)	SW846 8260B
Methylcyclohexane	84	(70 - 130)			SW846 8260B
	85	(70 - 130)	1.4	(0-30)	SW846 8260B
Chloroform	93	(84 - 128)			SW846 8260B
	93	(84 - 128)	0.44	(0-30)	SW846 8260B
Chloromethane	74	(48 - 123)			SW846 8260B
	74	(48 - 123)	0.49	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	90	(70 - 130)			SW846 8260B
	94	(70 - 130)	4.8	(0-30)	SW846 8260B
2-Chlorotoluene	95	(70 - 130)			SW846 8260B
	96	(70 - 130)	1.4	(0-30)	SW846 8260B
Methyl tert-butyl ether	96	(70 - 130)			SW846 8260B
	95	(70 - 130)	1.6	(0-30)	SW846 8260B
n-Hexane	109	(70 - 130)			SW846 8260B
	113	(70 - 130)	3.8	(0-30)	SW846 8260B
4-Chlorotoluene	96	(70 - 130)			SW846 8260B
	96	(70 - 130)	0.48	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	80	(70 - 130)			SW846 8260B
	83	(70 - 130)	3.8	(0-30)	SW846 8260B
Acetonitrile	94	(50 - 130)			SW846 8260B
	89	(50 - 130)	5.5	(0-30)	SW846 8260B
1,2-Dibromoethane	94	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.9	(0-30)	SW846 8260B
Acrolein	119	(50 - 130)			SW846 8260B
	123	(50 - 130)	3.3	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	120	(70 - 130)			SW846 8260B
	121	(70 - 130)	1.1	(0-30)	SW846 8260B
Acrylonitrile	98	(50 - 130)			SW846 8260B
	101	(50 - 130)	2.3	(0-30)	SW846 8260B
Dibromomethane	93	(70 - 130)			SW846 8260B
	93	(70 - 130)	0.37	(0-30)	SW846 8260B
1,2-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	91	(70 - 130)	0.76	(0-30)	SW846 8260B
1,3-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	91	(70 - 130)	0.36	(0-30)	SW846 8260B
1,4-Dichlorobenzene	89	(70 - 130)			SW846 8260B
	90	(70 - 130)	0.72	(0-30)	SW846 8260B
Iodomethane	106	(70 - 130)			SW846 8260B
	105	(70 - 130)	1.1	(0-30)	SW846 8260B
Isopropyl ether	99	(70 - 130)			SW846 8260B
	100	(70 - 130)	1.6	(0-30)	SW846 8260B
Dichlorodifluoromethane	51 a	(70 - 130)			SW846 8260B
	51 a	(70 - 130)	1.0	(0-30)	SW846 8260B
1,1-Dichloroethane	97	(86 - 123)			SW846 8260B
	97	(86 - 123)	0.010	(0-30)	SW846 8260B
1,2-Dichloroethane	90	(79 - 136)			SW846 8260B
	91	(79 - 136)	1.4	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	97	(85 - 113)			SW846 8260B
	98	(85 - 113)	1.1	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	100	(80 - 120)			SW846 8260B
	101	(80 - 120)	1.0	(0-30)	SW846 8260B
1,1-Dichloroethene	**108**	**(63 - 130)**			**SW846 8260B**
	107	**(63 - 130)**	**0.98**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	97	(82 - 115)			SW846 8260B
	97	(82 - 115)	0.27	(0-30)	SW846 8260B
1,3-Dichloropropane	93	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.91	(0-30)	SW846 8260B
2,2-Dichloropropane	93	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.38	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(84 - 130)			SW846 8260B
	97	(84 - 130)	3.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	94	(84 - 130)			SW846 8260B
	95	(84 - 130)	1.1	(0-30)	SW846 8260B
1,1-Dichloropropene	100	(70 - 130)			SW846 8260B
	100	(70 - 130)	0.72	(0-30)	SW846 8260B
Ethylbenzene	99	(86 - 116)			SW846 8260B
	97	(86 - 116)	2.4	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Hexachlorobutadiene	82	(70 - 130)			SW846 8260B
	85	(70 - 130)	2.8	(0-30)	SW846 8260B
Isopropylbenzene	92	(70 - 130)			SW846 8260B
	90	(70 - 130)	1.8	(0-30)	SW846 8260B
p-Isopropyltoluene	92	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.85	(0-30)	SW846 8260B
Methylene chloride	100	(78 - 118)			SW846 8260B
	97	(78 - 118)	2.3	(0-30)	SW846 8260B
Naphthalene	75	(70 - 130)			SW846 8260B
	80	(70 - 130)	6.1	(0-30)	SW846 8260B
n-Propylbenzene	95	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.080	(0-30)	SW846 8260B
Styrene	93	(85 - 117)			SW846 8260B
	92	(85 - 117)	1.2	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	93	(70 - 130)			SW846 8260B
	92	(70 - 130)	1.3	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	86	(85 - 118)			SW846 8260B
	87	(85 - 118)	0.48	(0-30)	SW846 8260B
Tetrachloroethene	94	(88 - 113)			SW846 8260B
	92	(88 - 113)	2.1	(0-30)	SW846 8260B
Toluene	**98**	**(74 - 119)**			**SW846 8260B**
	96	**(74 - 119)**	**1.4**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	90	(70 - 130)			SW846 8260B
	93	(70 - 130)	4.1	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	90	(70 - 130)			SW846 8260B
	93	(70 - 130)	3.3	(0-30)	SW846 8260B
1,1,1-Trichloroethane	92	(78 - 140)			SW846 8260B
	92	(78 - 140)	0.61	(0-30)	SW846 8260B
1,1,2-Trichloroethane	90	(83 - 122)			SW846 8260B
	89	(83 - 122)	0.54	(0-30)	SW846 8260B
Trichloroethene	**94**	**(75 - 122)**			**SW846 8260B**
	95	**(75 - 122)**	**1.1**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	82	(70 - 130)			SW846 8260B
	81	(70 - 130)	1.5	(0-30)	SW846 8260B
1,2,3-Trichloropropane	93	(70 - 130)			SW846 8260B
	96	(70 - 130)	3.5	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	95	(70 - 130)			SW846 8260B
	95	(70 - 130)	0.080	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	91	(70 - 130)			SW846 8260B
	92	(70 - 130)	1.0	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl chloride	77	(61 - 120)			SW846 8260B
	78	(61 - 120)	0.85	(0-30)	SW846 8260B
m-Xylene & p-Xylene	102	(70 - 130)			SW846 8260B
	100	(70 - 130)	2.1	(0-30)	SW846 8260B
o-Xylene	94	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.18	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
	90	(61 - 128)
Toluene-d8	103	(76 - 110)
	102	(76 - 110)
4-Bromofluorobenzene	110	(74 - 116)
	111	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0155058
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**0.46**	**SW846 8260B**
Acetone	20	16	ug/L	79		SW846 8260B
	20	16	ug/L	79	0.030	SW846 8260B
Bromobenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.5	ug/L	95	1.4	SW846 8260B
Carbon disulfide	10	11	ug/L	112		SW846 8260B
	10	11	ug/L	110	1.5	SW846 8260B
1,2-Dichloroethene (total)	20	20	ug/L	98		SW846 8260B
	20	20	ug/L	99	1.0	SW846 8260B
Bromochloromethane	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.33	SW846 8260B
2-Butanone	20	18	ug/L	88		SW846 8260B
	20	18	ug/L	90	2.7	SW846 8260B
Bromodichloromethane	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.12	SW846 8260B
Bromoform	10	9.5	ug/L	95		SW846 8260B
	10	9.3	ug/L	93	1.4	SW846 8260B
Bromomethane	10	7.6	ug/L	76		SW846 8260B
	10	7.3	ug/L	73	3.8	SW846 8260B
n-Butylbenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.1	ug/L	91	2.2	SW846 8260B
4-Methyl-2-pentanone	20	19	ug/L	95		SW846 8260B
	20	20	ug/L	99	4.3	SW846 8260B
2-Hexanone	20	17	ug/L	87		SW846 8260B
	20	18	ug/L	88	0.95	SW846 8260B
sec-Butylbenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.0	ug/L	90	1.1	SW846 8260B
tert-Butylbenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.0	ug/L	90	1.8	SW846 8260B
Xylenes (total)	30	30	ug/L	99		SW846 8260B
	30	29	ug/L	98	1.4	SW846 8260B
Carbon tetrachloride	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	1.5	SW846 8260B
Chlorobenzene	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	10	**9.2**	**ug/L**	**92**	**1.3**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dibromochloromethane	10	9.3	ug/L	93		SW846 8260B
	10	9.1	ug/L	91	2.3	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	11	ug/L	108		SW846 8260B
	10	11	ug/L	108	0.010	SW846 8260B
Methyl acetate	10	8.9	ug/L	89		SW846 8260B
	10	8.9	ug/L	89	0.40	SW846 8260B
Chloroethane	10	8.1	ug/L	81		SW846 8260B
	10	7.9	ug/L	79	2.5	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	1.6	SW846 8260B
Cyclohexane	10	9.0	ug/L	90		SW846 8260B
	10	9.3	ug/L	93	2.8	SW846 8260B
Methylcyclohexane	10	8.4	ug/L	84		SW846 8260B
	10	8.5	ug/L	85	1.4	SW846 8260B
Chloroform	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.44	SW846 8260B
Chloromethane	10	7.4	ug/L	74		SW846 8260B
	10	7.4	ug/L	74	0.49	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	9.0	ug/L	90		SW846 8260B
	10	9.4	ug/L	94	4.8	SW846 8260B
2-Chlorotoluene	10	9.5	ug/L	95		SW846 8260B
	10	9.6	ug/L	96	1.4	SW846 8260B
Methyl tert-butyl ether	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	1.6	SW846 8260B
n-Hexane	10	11	ug/L	109		SW846 8260B
	10	11	ug/L	113	3.8	SW846 8260B
4-Chlorotoluene	10	9.6	ug/L	96		SW846 8260B
	10	9.6	ug/L	96	0.48	SW846 8260B
2-Chloroethyl vinyl ether	10	8.0	ug/L	80		SW846 8260B
	10	8.3	ug/L	83	3.8	SW846 8260B
Acetonitrile	30	28	ug/L	94		SW846 8260B
	30	27	ug/L	89	5.5	SW846 8260B
1,2-Dibromoethane	10	9.4	ug/L	94		SW846 8260B
	10	9.1	ug/L	91	2.9	SW846 8260B
Acrolein	30	36	ug/L	119		SW846 8260B
	30	37	ug/L	123	3.3	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl acetate	10	12	ug/L	120		SW846 8260B
	10	12	ug/L	121	1.1	SW846 8260B
Acrylonitrile	30	29	ug/L	98		SW846 8260B
	30	30	ug/L	101	2.3	SW846 8260B
Dibromomethane	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.37	SW846 8260B
1,2-Dichlorobenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.1	ug/L	91	0.76	SW846 8260B
1,3-Dichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.1	ug/L	91	0.36	SW846 8260B
1,4-Dichlorobenzene	10	8.9	ug/L	89		SW846 8260B
	10	9.0	ug/L	90	0.72	SW846 8260B
Iodomethane	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	105	1.1	SW846 8260B
Isopropyl ether	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	100	1.6	SW846 8260B
Dichlorodifluoromethane	10	5.1 a	ug/L	51		SW846 8260B
	10	5.1 a	ug/L	51	1.0	SW846 8260B
1,1-Dichloroethane	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.010	SW846 8260B
1,2-Dichloroethane	10	9.0	ug/L	90		SW846 8260B
	10	9.1	ug/L	91	1.4	SW846 8260B
cis-1,2-Dichloroethene	10	9.7	ug/L	97		SW846 8260B
	10	9.8	ug/L	98	1.1	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	101	1.0	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**108**		**SW846 8260B**
	10	**11**	**ug/L**	**107**	**0.98**	**SW846 8260B**
1,2-Dichloropropane	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.27	SW846 8260B
1,3-Dichloropropane	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	0.91	SW846 8260B
2,2-Dichloropropane	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	0.38	SW846 8260B
cis-1,3-Dichloropropene	10	9.3	ug/L	93		SW846 8260B
	10	9.7	ug/L	97	3.8	SW846 8260B
trans-1,3-Dichloropropene	10	9.4	ug/L	94		SW846 8260B
	10	9.5	ug/L	95	1.1	SW846 8260B
1,1-Dichloropropene	10	10	ug/L	100		SW846 8260B
	10	10	ug/L	100	0.72	SW846 8260B
Ethylbenzene	10	9.9	ug/L	99		SW846 8260B
	10	9.7	ug/L	97	2.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Hexachlorobutadiene	10	8.2	ug/L	82		SW846 8260B
	10	8.5	ug/L	85	2.8	SW846 8260B
Isopropylbenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	1.8	SW846 8260B
p-Isopropyltoluene	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.85	SW846 8260B
Methylene chloride	10	10	ug/L	100		SW846 8260B
	10	9.7	ug/L	97	2.3	SW846 8260B
Naphthalene	10	7.5	ug/L	75		SW846 8260B
	10	8.0	ug/L	80	6.1	SW846 8260B
n-Propylbenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.4	ug/L	94	0.080	SW846 8260B
Styrene	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	1.2	SW846 8260B
1,1,1,2-Tetrachloroethane	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	1.3	SW846 8260B
1,1,2,2-Tetrachloroethane	10	8.6	ug/L	86		SW846 8260B
	10	8.7	ug/L	87	0.48	SW846 8260B
Tetrachloroethene	10	9.4	ug/L	94		SW846 8260B
	10	9.2	ug/L	92	2.1	SW846 8260B
Toluene	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	10	**9.6**	**ug/L**	**96**	**1.4**	**SW846 8260B**
1,2,3-Trichlorobenzene	10	9.0	ug/L	90		SW846 8260B
	10	9.3	ug/L	93	4.1	SW846 8260B
1,2,4-Trichloro-benzene	10	9.0	ug/L	90		SW846 8260B
	10	9.3	ug/L	93	3.3	SW846 8260B
1,1,1-Trichloroethane	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.61	SW846 8260B
1,1,2-Trichloroethane	10	9.0	ug/L	90		SW846 8260B
	10	8.9	ug/L	89	0.54	SW846 8260B
Trichloroethene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.5**	**ug/L**	**95**	**1.1**	**SW846 8260B**
Trichlorofluoromethane	10	8.2	ug/L	82		SW846 8260B
	10	8.1	ug/L	81	1.5	SW846 8260B
1,2,3-Trichloropropane	10	9.3	ug/L	93		SW846 8260B
	10	9.6	ug/L	96	3.5	SW846 8260B
1,2,4-Trimethylbenzene	10	9.5	ug/L	95		SW846 8260B
	10	9.5	ug/L	95	0.080	SW846 8260B
1,3,5-Trimethylbenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.2	ug/L	92	1.0	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2FVP1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-058 L2FVP1AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl chloride	10	7.7	ug/L	77		SW846 8260B
	10	7.8	ug/L	78	0.85	SW846 8260B
m-Xylene & p-Xylene	20	20	ug/L	102		SW846 8260B
	20	20	ug/L	100	2.1	SW846 8260B
o-Xylene	10	9.4	ug/L	94		SW846 8260B
	10	9.4	ug/L	94	0.18	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	98	(73 - 122)
1,2-Dichloroethane-d4	90	(61 - 128)
	90	(61 - 128)
Toluene-d8	103	(76 - 110)
	102	(76 - 110)
4-Bromofluorobenzene	110	(74 - 116)
	111	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD
Prep Date.....: 06/01/10 **Analysis Date..:** 06/01/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**101**	**(80 - 116)**			**SW846 8260B**
	99	**(80 - 116)**	**2.1**	**(0-20)**	**SW846 8260B**
Acetone	83	(22 - 200)			SW846 8260B
	87	(22 - 200)	4.1	(0-95)	SW846 8260B
Bromobenzene	97	(70 - 130)			SW846 8260B
	92	(70 - 130)	4.8	(0-30)	SW846 8260B
Carbon disulfide	112	(73 - 139)			SW846 8260B
	112	(73 - 139)	0.66	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	100	(82 - 116)			SW846 8260B
	100	(82 - 116)	0.13	(0-30)	SW846 8260B
Bromochloromethane	97	(70 - 130)			SW846 8260B
	96	(70 - 130)	1.7	(0-30)	SW846 8260B
2-Butanone	95	(28 - 237)			SW846 8260B
	97	(28 - 237)	2.4	(0-65)	SW846 8260B
Bromodichloromethane	96	(87 - 130)			SW846 8260B
	95	(87 - 130)	1.5	(0-30)	SW846 8260B
Bromoform	97	(76 - 150)			SW846 8260B
	97	(76 - 150)	0.50	(0-30)	SW846 8260B
Bromomethane	71	(64 - 129)			SW846 8260B
	81	(64 - 129)	14	(0-30)	SW846 8260B
n-Butylbenzene	88	(70 - 130)			SW846 8260B
	86	(70 - 130)	2.4	(0-30)	SW846 8260B
4-Methyl-2-pentanone	101	(78 - 141)			SW846 8260B
	107	(78 - 141)	6.0	(0-32)	SW846 8260B
2-Hexanone	94	(35 - 200)			SW846 8260B
	95	(35 - 200)	1.5	(0-52)	SW846 8260B
sec-Butylbenzene	90	(70 - 130)			SW846 8260B
	85	(70 - 130)	5.1	(0-30)	SW846 8260B
tert-Butylbenzene	90	(70 - 130)			SW846 8260B
	86	(70 - 130)	4.9	(0-30)	SW846 8260B
Xylenes (total)	99	(87 - 116)			SW846 8260B
	96	(87 - 116)	2.8	(0-30)	SW846 8260B
Carbon tetrachloride	92	(75 - 149)			SW846 8260B
	92	(75 - 149)	0.26	(0-30)	SW846 8260B
Chlorobenzene	**94**	**(76 - 117)**			**SW846 8260B**
	92	**(76 - 117)**	**2.8**	**(0-20)**	**SW846 8260B**

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromochloromethane	95	(81 - 138)			SW846 8260B
	92	(81 - 138)	3.3	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	107	(70 - 130)			SW846 8260B
	106	(70 - 130)	0.11	(0-30)	SW846 8260B
Methyl acetate	94	(70 - 130)			SW846 8260B
	95	(70 - 130)	0.86	(0-30)	SW846 8260B
Chloroethane	77	(66 - 126)			SW846 8260B
	85	(66 - 126)	9.4	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	88	(70 - 130)			SW846 8260B
	100	(70 - 130)	12	(0-30)	SW846 8260B
Cyclohexane	88	(70 - 130)			SW846 8260B
	89	(70 - 130)	1.6	(0-30)	SW846 8260B
Methylcyclohexane	80	(70 - 130)			SW846 8260B
	79	(70 - 130)	0.11	(0-30)	SW846 8260B
Chloroform	95	(84 - 128)			SW846 8260B
	93	(84 - 128)	1.7	(0-30)	SW846 8260B
Chloromethane	81	(48 - 123)			SW846 8260B
	82	(48 - 123)	0.47	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	97	(70 - 130)			SW846 8260B
	97	(70 - 130)	0.26	(0-30)	SW846 8260B
2-Chlorotoluene	97	(70 - 130)			SW846 8260B
	93	(70 - 130)	4.5	(0-30)	SW846 8260B
Methyl tert-butyl ether	88	(70 - 130)			SW846 8260B
	100	(70 - 130)	12	(0-30)	SW846 8260B
n-Hexane	106	(70 - 130)			SW846 8260B
	105	(70 - 130)	0.72	(0-30)	SW846 8260B
4-Chlorotoluene	98	(70 - 130)			SW846 8260B
	95	(70 - 130)	3.4	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	82	(70 - 130)			SW846 8260B
	86	(70 - 130)	4.2	(0-30)	SW846 8260B
Acetonitrile	96	(50 - 130)			SW846 8260B
	101	(50 - 130)	4.7	(0-30)	SW846 8260B
1,2-Dibromoethane	96	(70 - 130)			SW846 8260B
	94	(70 - 130)	2.1	(0-30)	SW846 8260B
Acrolein	136 a	(50 - 130)			SW846 8260B
	143 a	(50 - 130)	4.9	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	121	(70 - 130)			SW846 8260B
	120	(70 - 130)	0.72	(0-30)	SW846 8260B
Acrylonitrile	104	(50 - 130)			SW846 8260B
	106	(50 - 130)	1.9	(0-30)	SW846 8260B
Dibromomethane	97	(70 - 130)			SW846 8260B
	97	(70 - 130)	0.31	(0-30)	SW846 8260B
1,2-Dichlorobenzene	93	(70 - 130)			SW846 8260B
	90	(70 - 130)	2.9	(0-30)	SW846 8260B
1,3-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.5	(0-30)	SW846 8260B
1,4-Dichlorobenzene	92	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.6	(0-30)	SW846 8260B
Iodomethane	106	(70 - 130)			SW846 8260B
	107	(70 - 130)	1.1	(0-30)	SW846 8260B
Isopropyl ether	101	(70 - 130)			SW846 8260B
	100	(70 - 130)	0.57	(0-30)	SW846 8260B
Dichlorodifluoromethane	61 a	(70 - 130)			SW846 8260B
	64 a	(70 - 130)	5.3	(0-30)	SW846 8260B
1,1-Dichloroethane	99	(86 - 123)			SW846 8260B
	99	(86 - 123)	0.43	(0-30)	SW846 8260B
1,2-Dichloroethane	93	(79 - 136)			SW846 8260B
	92	(79 - 136)	1.2	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	98	(85 - 113)			SW846 8260B
	98	(85 - 113)	0.25	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	102	(80 - 120)			SW846 8260B
	102	(80 - 120)	0.48	(0-30)	SW846 8260B
1,1-Dichloroethene	**110**	**(63 - 130)**			**SW846 8260B**
	110	**(63 - 130)**	**0.69**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	98	(82 - 115)			SW846 8260B
	97	(82 - 115)	0.88	(0-30)	SW846 8260B
1,3-Dichloropropane	96	(70 - 130)			SW846 8260B
	94	(70 - 130)	2.4	(0-30)	SW846 8260B
2,2-Dichloropropane	85	(70 - 130)			SW846 8260B
	87	(70 - 130)	1.9	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	93	(84 - 130)			SW846 8260B
	93	(84 - 130)	0.0	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	96	(84 - 130)			SW846 8260B
	93	(84 - 130)	2.8	(0-30)	SW846 8260B
1,1-Dichloropropene	102	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.5	(0-30)	SW846 8260B
Ethylbenzene	100	(86 - 116)			SW846 8260B
	96	(86 - 116)	3.6	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Hexachlorobutadiene	80	(70 - 130)			SW846 8260B
	80	(70 - 130)	0.22	(0-30)	SW846 8260B
Isopropylbenzene	90	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.1	(0-30)	SW846 8260B
p-Isopropyltoluene	92	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.2	(0-30)	SW846 8260B
Methylene chloride	102	(78 - 118)			SW846 8260B
	100	(78 - 118)	2.2	(0-30)	SW846 8260B
Naphthalene	80	(70 - 130)			SW846 8260B
	85	(70 - 130)	6.3	(0-30)	SW846 8260B
n-Propylbenzene	96	(70 - 130)			SW846 8260B
	91	(70 - 130)	5.1	(0-30)	SW846 8260B
Styrene	94	(85 - 117)			SW846 8260B
	91	(85 - 117)	3.5	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	93	(70 - 130)			SW846 8260B
	89	(70 - 130)	4.2	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	92	(85 - 118)			SW846 8260B
	92	(85 - 118)	0.93	(0-30)	SW846 8260B
Tetrachloroethene	94	(88 - 113)			SW846 8260B
	91	(88 - 113)	3.2	(0-30)	SW846 8260B
Toluene	**100**	**(74 - 119)**			**SW846 8260B**
	97	**(74 - 119)**	**3.8**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	91	(70 - 130)			SW846 8260B
	94	(70 - 130)	3.2	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	92	(70 - 130)			SW846 8260B
	91	(70 - 130)	1.1	(0-30)	SW846 8260B
1,1,1-Trichloroethane	92	(78 - 140)			SW846 8260B
	94	(78 - 140)	2.3	(0-30)	SW846 8260B
1,1,2-Trichloroethane	95	(83 - 122)			SW846 8260B
	92	(83 - 122)	2.5	(0-30)	SW846 8260B
Trichloroethene	**96**	**(75 - 122)**			**SW846 8260B**
	93	**(75 - 122)**	**2.4**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	78	(70 - 130)			SW846 8260B
	84	(70 - 130)	6.9	(0-30)	SW846 8260B
1,2,3-Trichloropropane	99	(70 - 130)			SW846 8260B
	101	(70 - 130)	2.2	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	96	(70 - 130)			SW846 8260B
	92	(70 - 130)	3.9	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	92	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.5	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl chloride	83	(61 - 120)			SW846 8260B
	85	(61 - 120)	2.6	(0-30)	SW846 8260B
m-Xylene & p-Xylene	102	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.9	(0-30)	SW846 8260B
o-Xylene	94	(70 - 130)			SW846 8260B
	92	(70 - 130)	2.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
	97	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
	92	(61 - 128)
Toluene-d8	104	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	111	(74 - 116)
	108	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD
Prep Date.....: 06/01/10 **Analysis Date..:** 06/01/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**10**	**ug/L**	**101**		**SW846 8260B**
	10	**9.9**	**ug/L**	**99**	**2.1**	**SW846 8260B**
Acetone	20	17	ug/L	83		SW846 8260B
	20	17	ug/L	87	4.1	SW846 8260B
Bromobenzene	10	9.7	ug/L	97		SW846 8260B
	10	9.2	ug/L	92	4.8	SW846 8260B
Carbon disulfide	10	11	ug/L	112		SW846 8260B
	10	11	ug/L	112	0.66	SW846 8260B
1,2-Dichloroethene (total)	20	20	ug/L	100		SW846 8260B
	20	20	ug/L	100	0.13	SW846 8260B
Bromochloromethane	10	9.7	ug/L	97		SW846 8260B
	10	9.6	ug/L	96	1.7	SW846 8260B
2-Butanone	20	19	ug/L	95		SW846 8260B
	20	19	ug/L	97	2.4	SW846 8260B
Bromodichloromethane	10	9.6	ug/L	96		SW846 8260B
	10	9.5	ug/L	95	1.5	SW846 8260B
Bromoform	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.50	SW846 8260B
Bromomethane	10	7.1	ug/L	71		SW846 8260B
	10	8.1	ug/L	81	14	SW846 8260B
n-Butylbenzene	10	8.8	ug/L	88		SW846 8260B
	10	8.6	ug/L	86	2.4	SW846 8260B
4-Methyl-2-pentanone	20	20	ug/L	101		SW846 8260B
	20	21	ug/L	107	6.0	SW846 8260B
2-Hexanone	20	19	ug/L	94		SW846 8260B
	20	19	ug/L	95	1.5	SW846 8260B
sec-Butylbenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.5	ug/L	85	5.1	SW846 8260B
tert-Butylbenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.6	ug/L	86	4.9	SW846 8260B
Xylenes (total)	30	30	ug/L	99		SW846 8260B
	30	29	ug/L	96	2.8	SW846 8260B
Carbon tetrachloride	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.26	SW846 8260B
Chlorobenzene	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	10	**9.2**	**ug/L**	**92**	**2.8**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dibromochloromethane	10	9.5	ug/L	95		SW846 8260B
	10	9.2	ug/L	92	3.3	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	11	ug/L	107		SW846 8260B
	10	11	ug/L	106	0.11	SW846 8260B
Methyl acetate	10	9.4	ug/L	94		SW846 8260B
	10	9.5	ug/L	95	0.86	SW846 8260B
Chloroethane	10	7.7	ug/L	77		SW846 8260B
	10	8.5	ug/L	85	9.4	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	8.8	ug/L	88		SW846 8260B
	10	10	ug/L	100	12	SW846 8260B
Cyclohexane	10	8.8	ug/L	88		SW846 8260B
	10	8.9	ug/L	89	1.6	SW846 8260B
Methylcyclohexane	10	8.0	ug/L	80		SW846 8260B
	10	7.9	ug/L	79	0.11	SW846 8260B
Chloroform	10	9.5	ug/L	95		SW846 8260B
	10	9.3	ug/L	93	1.7	SW846 8260B
Chloromethane	10	8.1	ug/L	81		SW846 8260B
	10	8.2	ug/L	82	0.47	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.26	SW846 8260B
2-Chlorotoluene	10	9.7	ug/L	97		SW846 8260B
	10	9.3	ug/L	93	4.5	SW846 8260B
Methyl tert-butyl ether	10	8.8	ug/L	88		SW846 8260B
	10	10	ug/L	100	12	SW846 8260B
n-Hexane	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	105	0.72	SW846 8260B
4-Chlorotoluene	10	9.8	ug/L	98		SW846 8260B
	10	9.5	ug/L	95	3.4	SW846 8260B
2-Chloroethyl vinyl ether	10	8.2	ug/L	82		SW846 8260B
	10	8.6	ug/L	86	4.2	SW846 8260B
Acetonitrile	30	29	ug/L	96		SW846 8260B
	30	30	ug/L	101	4.7	SW846 8260B
1,2-Dibromoethane	10	9.6	ug/L	96		SW846 8260B
	10	9.4	ug/L	94	2.1	SW846 8260B
Acrolein	30	41 a	ug/L	136		SW846 8260B
	30	43 a	ug/L	143	4.9	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl acetate	10	12	ug/L	121		SW846 8260B
	10	12	ug/L	120	0.72	SW846 8260B
Acrylonitrile	30	31	ug/L	104		SW846 8260B
	30	32	ug/L	106	1.9	SW846 8260B
Dibromomethane	10	9.7	ug/L	97		SW846 8260B
	10	9.7	ug/L	97	0.31	SW846 8260B
1,2-Dichlorobenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.0	ug/L	90	2.9	SW846 8260B
1,3-Dichlorobenzene	10	9.2	ug/L	92		SW846 8260B
	10	8.9	ug/L	89	3.5	SW846 8260B
1,4-Dichlorobenzene	10	9.2	ug/L	92		SW846 8260B
	10	8.9	ug/L	89	3.6	SW846 8260B
Iodomethane	10	11	ug/L	106		SW846 8260B
	10	11	ug/L	107	1.1	SW846 8260B
Isopropyl ether	10	10	ug/L	101		SW846 8260B
	10	10	ug/L	100	0.57	SW846 8260B
Dichlorodifluoromethane	10	6.1 a	ug/L	61		SW846 8260B
	10	6.4 a	ug/L	64	5.3	SW846 8260B
1,1-Dichloroethane	10	9.9	ug/L	99		SW846 8260B
	10	9.9	ug/L	99	0.43	SW846 8260B
1,2-Dichloroethane	10	9.3	ug/L	93		SW846 8260B
	10	9.2	ug/L	92	1.2	SW846 8260B
cis-1,2-Dichloroethene	10	9.8	ug/L	98		SW846 8260B
	10	9.8	ug/L	98	0.25	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	102	0.48	SW846 8260B
1,1-Dichloroethene	**10**	**11**	**ug/L**	**110**		**SW846 8260B**
	10	**11**	**ug/L**	**110**	**0.69**	**SW846 8260B**
1,2-Dichloropropane	10	9.8	ug/L	98		SW846 8260B
	10	9.7	ug/L	97	0.88	SW846 8260B
1,3-Dichloropropane	10	9.6	ug/L	96		SW846 8260B
	10	9.4	ug/L	94	2.4	SW846 8260B
2,2-Dichloropropane	10	8.5	ug/L	85		SW846 8260B
	10	8.7	ug/L	87	1.9	SW846 8260B
cis-1,3-Dichloropropene	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.0	SW846 8260B
trans-1,3-Dichloropropene	10	9.6	ug/L	96		SW846 8260B
	10	9.3	ug/L	93	2.8	SW846 8260B
1,1-Dichloropropene	10	10	ug/L	102		SW846 8260B
	10	9.9	ug/L	99	2.5	SW846 8260B
Ethylbenzene	10	10	ug/L	100		SW846 8260B
	10	9.6	ug/L	96	3.6	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Hexachlorobutadiene	10	8.0	ug/L	80		SW846 8260B
	10	8.0	ug/L	80	0.22	SW846 8260B
Isopropylbenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.8	ug/L	88	2.1	SW846 8260B
p-Isopropyltoluene	10	9.2	ug/L	92		SW846 8260B
	10	8.9	ug/L	89	3.2	SW846 8260B
Methylene chloride	10	10	ug/L	102		SW846 8260B
	10	10	ug/L	100	2.2	SW846 8260B
Naphthalene	10	8.0	ug/L	80		SW846 8260B
	10	8.5	ug/L	85	6.3	SW846 8260B
n-Propylbenzene	10	9.6	ug/L	96		SW846 8260B
	10	9.1	ug/L	91	5.1	SW846 8260B
Styrene	10	9.4	ug/L	94		SW846 8260B
	10	9.1	ug/L	91	3.5	SW846 8260B
1,1,1,2-Tetrachloroethane	10	9.3	ug/L	93		SW846 8260B
	10	8.9	ug/L	89	4.2	SW846 8260B
1,1,2,2-Tetrachloroethane	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.93	SW846 8260B
Tetrachloroethene	10	9.4	ug/L	94		SW846 8260B
	10	9.1	ug/L	91	3.2	SW846 8260B
Toluene	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	10	**9.7**	**ug/L**	**97**	**3.8**	**SW846 8260B**
1,2,3-Trichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	9.4	ug/L	94	3.2	SW846 8260B
1,2,4-Trichloro-benzene	10	9.2	ug/L	92		SW846 8260B
	10	9.1	ug/L	91	1.1	SW846 8260B
1,1,1-Trichloroethane	10	9.2	ug/L	92		SW846 8260B
	10	9.4	ug/L	94	2.3	SW846 8260B
1,1,2-Trichloroethane	10	9.5	ug/L	95		SW846 8260B
	10	9.2	ug/L	92	2.5	SW846 8260B
Trichloroethene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**2.4**	**SW846 8260B**
Trichlorofluoromethane	10	7.8	ug/L	78		SW846 8260B
	10	8.4	ug/L	84	6.9	SW846 8260B
1,2,3-Trichloropropane	10	9.9	ug/L	99		SW846 8260B
	10	10	ug/L	101	2.2	SW846 8260B
1,2,4-Trimethylbenzene	10	9.6	ug/L	96		SW846 8260B
	10	9.2	ug/L	92	3.9	SW846 8260B
1,3,5-Trimethylbenzene	10	9.2	ug/L	92		SW846 8260B
	10	8.9	ug/L	89	3.5	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2GE71AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F040000-200 L2GE71AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl chloride	10	8.3	ug/L	83		SW846 8260B
	10	8.5	ug/L	85	2.6	SW846 8260B
m-Xylene & p-Xylene	20	20	ug/L	102		SW846 8260B
	20	20	ug/L	99	2.9	SW846 8260B
o-Xylene	10	9.4	ug/L	94		SW846 8260B
	10	9.2	ug/L	92	2.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
	97	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
	92	(61 - 128)
Toluene-d8	104	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	111	(74 - 116)
	108	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD
Date Sampled...: 06/01/10 14:45 **Date Received..:** 06/02/10
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0155058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**100**	**(78 - 118)**			**SW846 8260B**
	98	**(78 - 118)**	**1.3**	**(0-20)**	**SW846 8260B**
Bromobenzene	88	(70 - 130)			SW846 8260B
	88	(70 - 130)	0.53	(0-30)	SW846 8260B
Acetone	70	(45 - 128)			SW846 8260B
	71	(45 - 128)	1.4	(0-30)	SW846 8260B
Carbon disulfide	120	(69 - 138)			SW846 8260B
	118	(69 - 138)	1.2	(0-41)	SW846 8260B
Bromochloromethane	94	(70 - 130)			SW846 8260B
	92	(70 - 130)	2.3	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	100	(86 - 115)			SW846 8260B
	98	(86 - 115)	2.1	(0-30)	SW846 8260B
Bromodichloromethane	95	(80 - 146)			SW846 8260B
	91	(80 - 146)	3.7	(0-30)	SW846 8260B
2-Butanone	81	(71 - 123)			SW846 8260B
	78	(71 - 123)	3.8	(0-30)	SW846 8260B
Bromoform	89	(58 - 176)			SW846 8260B
	84	(58 - 176)	5.5	(0-30)	SW846 8260B
Bromomethane	85	(55 - 145)			SW846 8260B
	84	(55 - 145)	0.54	(0-30)	SW846 8260B
n-Butylbenzene	84	(70 - 130)			SW846 8260B
	86	(70 - 130)	1.8	(0-30)	SW846 8260B
4-Methyl-2-pentanone	80 a	(82 - 135)			SW846 8260B
	80 a	(82 - 135)	0.41	(0-30)	SW846 8260B
sec-Butylbenzene	84	(70 - 130)			SW846 8260B
	86	(70 - 130)	2.9	(0-30)	SW846 8260B
2-Hexanone	75 a	(81 - 128)			SW846 8260B
	73 a	(81 - 128)	2.4	(0-30)	SW846 8260B
tert-Butylbenzene	83	(70 - 130)			SW846 8260B
	85	(70 - 130)	3.4	(0-30)	SW846 8260B
Carbon tetrachloride	98	(63 - 176)			SW846 8260B
	96	(63 - 176)	2.6	(0-30)	SW846 8260B
Xylenes (total)	96	(89 - 121)			SW846 8260B
	96	(89 - 121)	0.35	(0-30)	SW846 8260B
Chlorobenzene	**89**	**(76 - 117)**			**SW846 8260B**
	90	**(76 - 117)**	**0.41**	**(0-20)**	**SW846 8260B**
Dibromochloromethane	89	(71 - 158)			SW846 8260B
	85	(71 - 158)	4.0	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	116	(70 - 130)			SW846 8260B
	112	(70 - 130)	3.2	(0-30)	SW846 8260B
Methyl acetate	74	(70 - 130)			SW846 8260B
	74	(70 - 130)	0.43	(0-30)	SW846 8260B
Chloroethane	89	(59 - 142)			SW846 8260B
	90	(59 - 142)	0.63	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	91	(70 - 130)			SW846 8260B
	94	(70 - 130)	3.3	(0-30)	SW846 8260B
Cyclohexane	93	(70 - 130)			SW846 8260B
	93	(70 - 130)	0.17	(0-30)	SW846 8260B
Methylcyclohexane	84	(70 - 130)			SW846 8260B
	83	(70 - 130)	0.89	(0-30)	SW846 8260B
Chloroform	93	(83 - 141)			SW846 8260B
	92	(83 - 141)	1.1	(0-30)	SW846 8260B
Chloromethane	74	(40 - 137)			SW846 8260B
	71	(40 - 137)	4.5	(0-39)	SW846 8260B
1,2-Dibromo-3-chloro-propane	81	(70 - 130)			SW846 8260B
	80	(70 - 130)	0.74	(0-30)	SW846 8260B
2-Chlorotoluene	92	(70 - 130)			SW846 8260B
	92	(70 - 130)	0.25	(0-30)	SW846 8260B
Methyl tert-butyl ether	91	(70 - 130)			SW846 8260B
	94	(70 - 130)	3.3	(0-30)	SW846 8260B
n-Hexane	102	(70 - 130)			SW846 8260B
	102	(70 - 130)	0.59	(0-30)	SW846 8260B
4-Chlorotoluene	91	(70 - 130)			SW846 8260B
	92	(70 - 130)	1.2	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	0.0 a	(70 - 130)			SW846 8260B
	0.0 a	(70 - 130)	0.0	(0-30)	SW846 8260B
Acetonitrile	89	(50 - 130)			SW846 8260B
	89	(50 - 130)	0.66	(0-30)	SW846 8260B
1,2-Dibromoethane	85	(70 - 130)			SW846 8260B
	83	(70 - 130)	2.2	(0-30)	SW846 8260B
Acrolein	121	(50 - 130)			SW846 8260B
	116	(50 - 130)	4.3	(0-30)	SW846 8260B
Acrylonitrile	95	(50 - 130)			SW846 8260B
	90	(50 - 130)	5.2	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	105	(70 - 130)			SW846 8260B
	108	(70 - 130)	2.9	(0-30)	SW846 8260B
Dibromomethane	91	(70 - 130)			SW846 8260B
	88	(70 - 130)	3.4	(0-30)	SW846 8260B
1,2-Dichlorobenzene	88	(70 - 130)			SW846 8260B
	87	(70 - 130)	0.44	(0-30)	SW846 8260B
1,3-Dichlorobenzene	86	(70 - 130)			SW846 8260B
	88	(70 - 130)	1.7	(0-30)	SW846 8260B
1,4-Dichlorobenzene	86	(70 - 130)			SW846 8260B
	85	(70 - 130)	1.1	(0-30)	SW846 8260B
Iodomethane	109	(70 - 130)			SW846 8260B
	109	(70 - 130)	0.31	(0-30)	SW846 8260B
Isopropyl ether	94	(70 - 130)			SW846 8260B
	96	(70 - 130)	1.9	(0-30)	SW846 8260B
Dichlorodifluoromethane	49 a	(70 - 130)			SW846 8260B
	49 a	(70 - 130)	1.8	(0-30)	SW846 8260B
1,1-Dichloroethane	96	(88 - 127)			SW846 8260B
	95	(88 - 127)	1.3	(0-30)	SW846 8260B
1,2-Dichloroethane	88	(71 - 160)			SW846 8260B
	87	(71 - 160)	1.8	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	96	(87 - 114)			SW846 8260B
	94	(87 - 114)	2.2	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	103	(85 - 116)			SW846 8260B
	101	(85 - 116)	2.1	(0-30)	SW846 8260B
1,1-Dichloroethene	**113**	**(62 - 130)**			**SW846 8260B**
	114	**(62 - 130)**	**0.47**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	96	(87 - 114)			SW846 8260B
	95	(87 - 114)	1.5	(0-30)	SW846 8260B
1,3-Dichloropropane	86	(70 - 130)			SW846 8260B
	85	(70 - 130)	1.5	(0-30)	SW846 8260B
2,2-Dichloropropane	88	(70 - 130)			SW846 8260B
	89	(70 - 130)	0.63	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	81 a	(82 - 130)			SW846 8260B
	82	(82 - 130)	0.08	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	84	(73 - 147)			SW846 8260B
	83	(73 - 147)	0.43	(0-30)	SW846 8260B
1,1-Dichloropropene	99	(70 - 130)			SW846 8260B
	97	(70 - 130)	1.3	(0-30)	SW846 8260B
Ethylbenzene	94	(86 - 132)			SW846 8260B
	95	(86 - 132)	0.51	(0-30)	SW846 8260B
Hexachlorobutadiene	79	(70 - 130)			SW846 8260B
	84	(70 - 130)	6.4	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Isopropylbenzene	87	(70 - 130)			SW846 8260B
	88	(70 - 130)	0.68	(0-30)	SW846 8260B
p-Isopropyltoluene	86	(70 - 130)			SW846 8260B
	89	(70 - 130)	3.3	(0-30)	SW846 8260B
Methylene chloride	100	(82 - 115)			SW846 8260B
	98	(82 - 115)	1.8	(0-30)	SW846 8260B
Naphthalene	62 a	(70 - 130)			SW846 8260B
	66 a	(70 - 130)	5.7	(0-30)	SW846 8260B
n-Propylbenzene	89	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.3	(0-30)	SW846 8260B
Styrene	91	(83 - 120)			SW846 8260B
	89	(83 - 120)	2.2	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	90	(70 - 130)			SW846 8260B
	90	(70 - 130)	0.83	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	79 a	(88 - 116)			SW846 8260B
	79 a	(88 - 116)	0.21	(0-30)	SW846 8260B
Tetrachloroethene	91	(85 - 121)			SW846 8260B
	89	(85 - 121)	2.1	(0-30)	SW846 8260B
Toluene	**93**	**(70 - 119)**			**SW846 8260B**
	94	**(70 - 119)**	**1.0**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	81	(70 - 130)			SW846 8260B
	83	(70 - 130)	3.2	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	80	(70 - 130)			SW846 8260B
	84	(70 - 130)	4.9	(0-30)	SW846 8260B
1,1,1-Trichloroethane	94	(71 - 162)			SW846 8260B
	94	(71 - 162)	0.53	(0-30)	SW846 8260B
1,1,2-Trichloroethane	87	(86 - 129)			SW846 8260B
	83 a	(86 - 129)	4.2	(0-30)	SW846 8260B
Trichloroethene	**92**	**(62 - 130)**			**SW846 8260B**
	89	**(62 - 130)**	**2.0**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	90	(70 - 130)			SW846 8260B
	89	(70 - 130)	0.80	(0-30)	SW846 8260B
1,2,3-Trichloropropane	84	(70 - 130)			SW846 8260B
	82	(70 - 130)	2.0	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	91	(70 - 130)			SW846 8260B
	91	(70 - 130)	0.75	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	86	(70 - 130)			SW846 8260B
	87	(70 - 130)	1.5	(0-30)	SW846 8260B
Vinyl chloride	82 a	(88 - 126)			SW846 8260B
	81 a	(88 - 126)	0.77	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
m-Xylene & p-Xylene	99	(70 - 130)			SW846 8260B
	99	(70 - 130)	0.16	(0-30)	SW846 8260B
o-Xylene	92	(70 - 130)			SW846 8260B
	91	(70 - 130)	0.77	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
	89	(61 - 128)
Toluene-d8	102	(76 - 110)
	101	(76 - 110)
4-Bromofluorobenzene	112	(74 - 116)
	111	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD
Date Sampled...: 06/01/10 14:45 **Date Received..:** 06/02/10
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0155058
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**10**	**ug/L**	**100**		**SW846 8260B**
	ND	**10**	**9.8**	**ug/L**	**98**	**1.3**	**SW846 8260B**
Bromobenzene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.8	ug/L	88	0.53	SW846 8260B
Acetone	ND	20	14	ug/L	70		SW846 8260B
	ND	20	14	ug/L	71	1.4	SW846 8260B
Carbon disulfide	ND	10	12	ug/L	120		SW846 8260B
	ND	10	12	ug/L	118	1.2	SW846 8260B
Bromochloromethane	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.2	ug/L	92	2.3	SW846 8260B
1,2-Dichloroethene (total)	ND	20	20	ug/L	100		SW846 8260B
	ND	20	20	ug/L	98	2.1	SW846 8260B
Bromodichloromethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.1	ug/L	91	3.7	SW846 8260B
2-Butanone	ND	20	16	ug/L	81		SW846 8260B
	ND	20	16	ug/L	78	3.8	SW846 8260B
Bromoform	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	8.4	ug/L	84	5.5	SW846 8260B
Bromomethane	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.4	ug/L	84	0.54	SW846 8260B
n-Butylbenzene	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.6	ug/L	86	1.8	SW846 8260B
4-Methyl-2-pentanone	ND	20	16	ug/L	80 a		SW846 8260B
	ND	20	16	ug/L	80 a	0.41	SW846 8260B
sec-Butylbenzene	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.6	ug/L	86	2.9	SW846 8260B
2-Hexanone	ND	20	15	ug/L	75 a		SW846 8260B
	ND	20	15	ug/L	73 a	2.4	SW846 8260B
tert-Butylbenzene	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	8.5	ug/L	85	3.4	SW846 8260B
Carbon tetrachloride	ND	10	9.8	ug/L	98		SW846 8260B
	ND	10	9.6	ug/L	96	2.6	SW846 8260B
Xylenes (total)	ND	30	29	ug/L	96		SW846 8260B
	ND	30	29	ug/L	96	0.35	SW846 8260B
Chlorobenzene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.0**	**ug/L**	**90**	**0.41**	**SW846 8260B**
Dibromochloromethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	8.5	ug/L	85	4.0	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	12	ug/L	116		SW846 8260B
	ND	10	11	ug/L	112	3.2	SW846 8260B
Methyl acetate	ND	10	7.4	ug/L	74		SW846 8260B
	ND	10	7.4	ug/L	74	0.43	SW846 8260B
Chloroethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.0	ug/L	90	0.63	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	3.3	SW846 8260B
Cyclohexane	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.3	ug/L	93	0.17	SW846 8260B
Methylcyclohexane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.3	ug/L	83	0.89	SW846 8260B
Chloroform	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.2	ug/L	92	1.1	SW846 8260B
Chloromethane	ND	10	7.4	ug/L	74		SW846 8260B
	ND	10	7.1	ug/L	71	4.5	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.0	ug/L	80	0.74	SW846 8260B
2-Chlorotoluene	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.2	ug/L	92	0.25	SW846 8260B
Methyl tert-butyl ether	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	3.3	SW846 8260B
n-Hexane	ND	10	10	ug/L	102		SW846 8260B
	ND	10	10	ug/L	102	0.59	SW846 8260B
4-Chlorotoluene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.2	ug/L	92	1.2	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	0.0	ug/L	0.0 a		SW846 8260B
	ND	10	0.0	ug/L	0.0 a	0.0	SW846 8260B
Acetonitrile	ND	30	27	ug/L	89		SW846 8260B
	ND	30	27	ug/L	89	0.66	SW846 8260B
1,2-Dibromoethane	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.3	ug/L	83	2.2	SW846 8260B
Acrolein	ND	30	36	ug/L	121		SW846 8260B
	ND	30	35	ug/L	116	4.3	SW846 8260B
Acrylonitrile	ND	30	29	ug/L	95		SW846 8260B
	ND	30	27	ug/L	90	5.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Vinyl acetate	ND	10	10	ug/L	105		SW846 8260B
	ND	10	11	ug/L	108	2.9	SW846 8260B
Dibromomethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	8.8	ug/L	88	3.4	SW846 8260B
1,2-Dichlorobenzene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.7	ug/L	87	0.44	SW846 8260B
1,3-Dichlorobenzene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.8	ug/L	88	1.7	SW846 8260B
1,4-Dichlorobenzene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.5	ug/L	85	1.1	SW846 8260B
Iodomethane	ND	10	11	ug/L	109		SW846 8260B
	ND	10	11	ug/L	109	0.31	SW846 8260B
Isopropyl ether	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.6	ug/L	96	1.9	SW846 8260B
Dichlorodifluoromethane	ND	10	4.9	ug/L	49 a		SW846 8260B
	ND	10	4.9	ug/L	49 a	1.8	SW846 8260B
1,1-Dichloroethane	ND	10	9.9	ug/L	96		SW846 8260B
	ND	10	9.8	ug/L	95	1.3	SW846 8260B
1,2-Dichloroethane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.7	ug/L	87	1.8	SW846 8260B
cis-1,2-Dichloroethene	ND	10	9.9	ug/L	96		SW846 8260B
	ND	10	9.7	ug/L	94	2.2	SW846 8260B
trans-1,2-Dichloroethene	ND	10	10	ug/L	103		SW846 8260B
	ND	10	10	ug/L	101	2.1	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**11**	**ug/L**	**113**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**114**	**0.47**	**SW846 8260B**
1,2-Dichloropropane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.5	ug/L	95	1.5	SW846 8260B
1,3-Dichloropropane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.5	ug/L	85	1.5	SW846 8260B
2,2-Dichloropropane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.9	ug/L	89	0.63	SW846 8260B
cis-1,3-Dichloropropene	ND	10	8.1	ug/L	81 a		SW846 8260B
	ND	10	8.2	ug/L	82	0.08	SW846 8260B
trans-1,3-Dichloropropene	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.3	ug/L	83	0.43	SW846 8260B
1,1-Dichloropropene	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	9.7	ug/L	97	1.3	SW846 8260B
Ethylbenzene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.5	ug/L	95	0.51	SW846 8260B
Hexachlorobutadiene	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	8.4	ug/L	84	6.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Isopropylbenzene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.8	ug/L	88	0.68	SW846 8260B
p-Isopropyltoluene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.9	ug/L	89	3.3	SW846 8260B
Methylene chloride	ND	10	10	ug/L	100		SW846 8260B
	ND	10	9.8	ug/L	98	1.8	SW846 8260B
Naphthalene	ND	10	6.2	ug/L	62 a		SW846 8260B
	ND	10	6.6	ug/L	66 a	5.7	SW846 8260B
n-Propylbenzene	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.1	ug/L	91	2.3	SW846 8260B
Styrene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	8.9	ug/L	89	2.2	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.0	ug/L	90	0.83	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	7.9	ug/L	79 a		SW846 8260B
	ND	10	7.9	ug/L	79 a	0.21	SW846 8260B
Tetrachloroethene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	8.9	ug/L	89	2.1	SW846 8260B
Toluene	**ND**	**10**	**9.3**	**ug/L**	**93**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**1.0**	**SW846 8260B**
1,2,3-Trichlorobenzene	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.3	ug/L	83	3.2	SW846 8260B
1,2,4-Trichloro-benzene	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.4	ug/L	84	4.9	SW846 8260B
1,1,1-Trichloroethane	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.4	ug/L	94	0.53	SW846 8260B
1,1,2-Trichloroethane	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	8.3	ug/L	83 a	4.2	SW846 8260B
Trichloroethene	**3.8**	**10**	**13**	**ug/L**	**92**		**SW846 8260B**
	3.8	**10**	**13**	**ug/L**	**89**	**2.0**	**SW846 8260B**
Trichlorofluoromethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	8.9	ug/L	89	0.80	SW846 8260B
1,2,3-Trichloropropane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.2	ug/L	82	2.0	SW846 8260B
1,2,4-Trimethylbenzene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.1	ug/L	91	0.75	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.7	ug/L	87	1.5	SW846 8260B
Vinyl chloride	ND	10	8.2	ug/L	82 a		SW846 8260B
	ND	10	8.1	ug/L	81 a	0.77	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L2C3N1AC-MS **Matrix.....:** WATER
MS Lot-Sample #: A0F020453-014 L2C3N1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
m-Xylene & p-Xylene	ND	20	20	ug/L	99		SW846 8260B
	ND	20	20	ug/L	99	0.16	SW846 8260B
o-Xylene	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.1	ug/L	91	0.77	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
	89	(61 - 128)
Toluene-d8	102	(76 - 110)
	101	(76 - 110)
4-Bromofluorobenzene	112	(74 - 116)
	111	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(78 - 118)**			**SW846 8260B**
	101	**(78 - 118)**	**4.1**	**(0-20)**	**SW846 8260B**
Bromobenzene	87	(70 - 130)			SW846 8260B
	92	(70 - 130)	5.8	(0-30)	SW846 8260B
Acetone	85	(45 - 128)			SW846 8260B
	84	(45 - 128)	1.4	(0-30)	SW846 8260B
Carbon disulfide	112	(69 - 138)			SW846 8260B
	115	(69 - 138)	3.1	(0-41)	SW846 8260B
Bromochloromethane	96	(70 - 130)			SW846 8260B
	98	(70 - 130)	2.2	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	97	(86 - 115)			SW846 8260B
	100	(86 - 115)	3.4	(0-30)	SW846 8260B
Bromodichloromethane	93	(80 - 146)			SW846 8260B
	96	(80 - 146)	2.9	(0-30)	SW846 8260B
2-Butanone	91	(71 - 123)			SW846 8260B
	97	(71 - 123)	6.2	(0-30)	SW846 8260B
Bromoform	94	(58 - 176)			SW846 8260B
	94	(58 - 176)	0.05	(0-30)	SW846 8260B
Bromomethane	68	(55 - 145)			SW846 8260B
	76	(55 - 145)	12	(0-30)	SW846 8260B
n-Butylbenzene	72	(70 - 130)			SW846 8260B
	84	(70 - 130)	15	(0-30)	SW846 8260B
4-Methyl-2-pentanone	93	(82 - 135)			SW846 8260B
	101	(82 - 135)	7.9	(0-30)	SW846 8260B
sec-Butylbenzene	76	(70 - 130)			SW846 8260B
	86	(70 - 130)	13	(0-30)	SW846 8260B
2-Hexanone	89	(81 - 128)			SW846 8260B
	95	(81 - 128)	7.0	(0-30)	SW846 8260B
tert-Butylbenzene	77	(70 - 130)			SW846 8260B
	86	(70 - 130)	11	(0-30)	SW846 8260B
Carbon tetrachloride	90	(63 - 176)			SW846 8260B
	93	(63 - 176)	2.5	(0-30)	SW846 8260B
Xylenes (total)	92	(89 - 121)			SW846 8260B
	98	(89 - 121)	5.9	(0-30)	SW846 8260B
Chlorobenzene	**89**	**(76 - 117)**			**SW846 8260B**
	93	**(76 - 117)**	**4.6**	**(0-20)**	**SW846 8260B**
Dibromochloromethane	91	(71 - 158)			SW846 8260B
	94	(71 - 158)	2.5	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	100	(70 - 130)			SW846 8260B
	99	(70 - 130)	0.78	(0-30)	SW846 8260B
Methyl acetate	75	(70 - 130)			SW846 8260B
	78	(70 - 130)	4.0	(0-30)	SW846 8260B
Chloroethane	79	(59 - 142)			SW846 8260B
	85	(59 - 142)	7.0	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	79	(70 - 130)			SW846 8260B
	95	(70 - 130)	18	(0-30)	SW846 8260B
Cyclohexane	81	(70 - 130)			SW846 8260B
	85	(70 - 130)	4.3	(0-30)	SW846 8260B
Methylcyclohexane	68 a	(70 - 130)			SW846 8260B
	72	(70 - 130)	6.1	(0-30)	SW846 8260B
Chloroform	92	(83 - 141)			SW846 8260B
	94	(83 - 141)	1.8	(0-30)	SW846 8260B
Chloromethane	74	(40 - 137)			SW846 8260B
	76	(40 - 137)	2.7	(0-39)	SW846 8260B
1,2-Dibromo-3-chloro-propane	91	(70 - 130)			SW846 8260B
	99	(70 - 130)	9.1	(0-30)	SW846 8260B
2-Chlorotoluene	86	(70 - 130)			SW846 8260B
	95	(70 - 130)	9.2	(0-30)	SW846 8260B
Methyl tert-butyl ether	79	(70 - 130)			SW846 8260B
	95	(70 - 130)	18	(0-30)	SW846 8260B
n-Hexane	84	(70 - 130)			SW846 8260B
	89	(70 - 130)	6.4	(0-30)	SW846 8260B
4-Chlorotoluene	87	(70 - 130)			SW846 8260B
	93	(70 - 130)	6.4	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	0.0 a	(70 - 130)			SW846 8260B
	0.0 a	(70 - 130)	0.0	(0-30)	SW846 8260B
Acetonitrile	93	(50 - 130)			SW846 8260B
	102	(50 - 130)	8.7	(0-30)	SW846 8260B
1,2-Dibromoethane	92	(70 - 130)			SW846 8260B
	96	(70 - 130)	4.3	(0-30)	SW846 8260B
Acrolein	121	(50 - 130)			SW846 8260B
	127	(50 - 130)	4.7	(0-30)	SW846 8260B
Acrylonitrile	102	(50 - 130)			SW846 8260B
	106	(50 - 130)	3.4	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	95	(70 - 130)			SW846 8260B
	101	(70 - 130)	6.1	(0-30)	SW846 8260B
Dibromomethane	95	(70 - 130)			SW846 8260B
	98	(70 - 130)	3.5	(0-30)	SW846 8260B
1,2-Dichlorobenzene	85	(70 - 130)			SW846 8260B
	91	(70 - 130)	6.4	(0-30)	SW846 8260B
1,3-Dichlorobenzene	83	(70 - 130)			SW846 8260B
	89	(70 - 130)	7.5	(0-30)	SW846 8260B
1,4-Dichlorobenzene	83	(70 - 130)			SW846 8260B
	89	(70 - 130)	6.6	(0-30)	SW846 8260B
Iodomethane	103	(70 - 130)			SW846 8260B
	107	(70 - 130)	4.5	(0-30)	SW846 8260B
Isopropyl ether	91	(70 - 130)			SW846 8260B
	97	(70 - 130)	6.3	(0-30)	SW846 8260B
Dichlorodifluoromethane	58 a	(70 - 130)			SW846 8260B
	58 a	(70 - 130)	0.41	(0-30)	SW846 8260B
1,1-Dichloroethane	96	(88 - 127)			SW846 8260B
	98	(88 - 127)	2.6	(0-30)	SW846 8260B
1,2-Dichloroethane	91	(71 - 160)			SW846 8260B
	94	(71 - 160)	3.1	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	94	(87 - 114)			SW846 8260B
	97	(87 - 114)	4.0	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	100	(85 - 116)			SW846 8260B
	102	(85 - 116)	2.8	(0-30)	SW846 8260B
1,1-Dichloroethene	**108**	**(62 - 130)**			**SW846 8260B**
	113	**(62 - 130)**	**4.1**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	93	(87 - 114)			SW846 8260B
	95	(87 - 114)	2.2	(0-30)	SW846 8260B
1,3-Dichloropropane	91	(70 - 130)			SW846 8260B
	96	(70 - 130)	4.9	(0-30)	SW846 8260B
2,2-Dichloropropane	70	(70 - 130)			SW846 8260B
	76	(70 - 130)	8.8	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	77 a	(82 - 130)			SW846 8260B
	82	(82 - 130)	5.8	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	84	(73 - 147)			SW846 8260B
	89	(73 - 147)	4.8	(0-30)	SW846 8260B
1,1-Dichloropropene	96	(70 - 130)			SW846 8260B
	99	(70 - 130)	2.7	(0-30)	SW846 8260B
Ethylbenzene	92	(86 - 132)			SW846 8260B
	97	(86 - 132)	6.2	(0-30)	SW846 8260B
Hexachlorobutadiene	66 a	(70 - 130)			SW846 8260B
	78	(70 - 130)	16	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Isopropylbenzene	81	(70 - 130)			SW846 8260B
	88	(70 - 130)	7.6	(0-30)	SW846 8260B
p-Isopropyltoluene	77	(70 - 130)			SW846 8260B
	88	(70 - 130)	14	(0-30)	SW846 8260B
Methylene chloride	95	(82 - 115)			SW846 8260B
	97	(82 - 115)	2.3	(0-30)	SW846 8260B
Naphthalene	70	(70 - 130)			SW846 8260B
	82	(70 - 130)	16	(0-30)	SW846 8260B
n-Propylbenzene	82	(70 - 130)			SW846 8260B
	90	(70 - 130)	9.2	(0-30)	SW846 8260B
Styrene	84	(83 - 120)			SW846 8260B
	88	(83 - 120)	4.4	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	90	(70 - 130)			SW846 8260B
	92	(70 - 130)	2.6	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	87 a	(88 - 116)			SW846 8260B
	91	(88 - 116)	5.3	(0-30)	SW846 8260B
Tetrachloroethene	87	(85 - 121)			SW846 8260B
	93	(85 - 121)	7.5	(0-30)	SW846 8260B
Toluene	**94**	**(70 - 119)**			**SW846 8260B**
	99	**(70 - 119)**	**4.8**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	83	(70 - 130)			SW846 8260B
	93	(70 - 130)	12	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	76	(70 - 130)			SW846 8260B
	88	(70 - 130)	14	(0-30)	SW846 8260B
1,1,1-Trichloroethane	88	(71 - 162)			SW846 8260B
	93	(71 - 162)	6.0	(0-30)	SW846 8260B
1,1,2-Trichloroethane	92	(86 - 129)			SW846 8260B
	95	(86 - 129)	3.4	(0-30)	SW846 8260B
Trichloroethene	**90**	**(62 - 130)**			**SW846 8260B**
	92	**(62 - 130)**	**2.7**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	73	(70 - 130)			SW846 8260B
	81	(70 - 130)	10	(0-30)	SW846 8260B
1,2,3-Trichloropropane	93	(70 - 130)			SW846 8260B
	97	(70 - 130)	3.8	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	85	(70 - 130)			SW846 8260B
	93	(70 - 130)	9.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	81	(70 - 130)			SW846 8260B
	89	(70 - 130)	9.3	(0-30)	SW846 8260B
Vinyl chloride	83 a	(88 - 126)			SW846 8260B
	85 a	(88 - 126)	2.5	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
m-Xylene & p-Xylene	95	(70 - 130)			SW846 8260B
	100	(70 - 130)	5.2	(0-30)	SW846 8260B
o-Xylene	86	(70 - 130)			SW846 8260B
	93	(70 - 130)	7.5	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	95	(61 - 128)
	95	(61 - 128)
Toluene-d8	104	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	111	(74 - 116)
	109	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0155200
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**101**	**4.1**	**SW846 8260B**
Bromobenzene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.2	ug/L	92	5.8	SW846 8260B
Acetone	ND	20	17	ug/L	85		SW846 8260B
	ND	20	17	ug/L	84	1.4	SW846 8260B
Carbon disulfide	ND	10	11	ug/L	112		SW846 8260B
	ND	10	12	ug/L	115	3.1	SW846 8260B
Bromochloromethane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.8	ug/L	98	2.2	SW846 8260B
1,2-Dichloroethene (total)	ND	20	19	ug/L	97		SW846 8260B
	ND	20	20	ug/L	100	3.4	SW846 8260B
Bromodichloromethane	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.6	ug/L	96	2.9	SW846 8260B
2-Butanone	ND	20	18	ug/L	91		SW846 8260B
	ND	20	19	ug/L	97	6.2	SW846 8260B
Bromoform	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.4	ug/L	94	0.05	SW846 8260B
Bromomethane	ND	10	6.8	ug/L	68		SW846 8260B
	ND	10	7.6	ug/L	76	12	SW846 8260B
n-Butylbenzene	ND	10	7.2	ug/L	72		SW846 8260B
	ND	10	8.4	ug/L	84	15	SW846 8260B
4-Methyl-2-pentanone	ND	20	19	ug/L	93		SW846 8260B
	ND	20	20	ug/L	101	7.9	SW846 8260B
sec-Butylbenzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.6	ug/L	86	13	SW846 8260B
2-Hexanone	ND	20	18	ug/L	89		SW846 8260B
	ND	20	19	ug/L	95	7.0	SW846 8260B
tert-Butylbenzene	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.6	ug/L	86	11	SW846 8260B
Carbon tetrachloride	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.3	ug/L	93	2.5	SW846 8260B
Xylenes (total)	ND	30	28	ug/L	92		SW846 8260B
	ND	30	29	ug/L	98	5.9	SW846 8260B
Chlorobenzene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.3**	**ug/L**	**93**	**4.6**	**SW846 8260B**
Dibromochloromethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	2.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	10	ug/L	100		SW846 8260B
	ND	10	9.9	ug/L	99	0.78	SW846 8260B
Methyl acetate	ND	10	7.5	ug/L	75		SW846 8260B
	ND	10	7.8	ug/L	78	4.0	SW846 8260B
Chloroethane	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	8.5	ug/L	85	7.0	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	9.5	ug/L	95	18	SW846 8260B
Cyclohexane	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.5	ug/L	85	4.3	SW846 8260B
Methylcyclohexane	ND	10	6.8	ug/L	68 a		SW846 8260B
	ND	10	7.2	ug/L	72	6.1	SW846 8260B
Chloroform	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.4	ug/L	94	1.8	SW846 8260B
Chloromethane	ND	10	7.4	ug/L	74		SW846 8260B
	ND	10	7.6	ug/L	76	2.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.9	ug/L	99	9.1	SW846 8260B
2-Chlorotoluene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.5	ug/L	95	9.2	SW846 8260B
Methyl tert-butyl ether	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	9.5	ug/L	95	18	SW846 8260B
n-Hexane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.9	ug/L	89	6.4	SW846 8260B
4-Chlorotoluene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.3	ug/L	93	6.4	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	0.0	ug/L	0.0 a		SW846 8260B
	ND	10	0.0	ug/L	0.0 a	0.0	SW846 8260B
Acetonitrile	ND	30	28	ug/L	93		SW846 8260B
	ND	30	31	ug/L	102	8.7	SW846 8260B
1,2-Dibromoethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.6	ug/L	96	4.3	SW846 8260B
Acrolein	ND	30	36	ug/L	121		SW846 8260B
	ND	30	38	ug/L	127	4.7	SW846 8260B
Acrylonitrile	ND	30	31	ug/L	102		SW846 8260B
	ND	30	32	ug/L	106	3.4	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Vinyl acetate	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	10	ug/L	101	6.1	SW846 8260B
Dibromomethane	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.8	ug/L	98	3.5	SW846 8260B
1,2-Dichlorobenzene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	9.1	ug/L	91	6.4	SW846 8260B
1,3-Dichlorobenzene	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	8.9	ug/L	89	7.5	SW846 8260B
1,4-Dichlorobenzene	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	8.9	ug/L	89	6.6	SW846 8260B
Iodomethane	ND	10	10	ug/L	103		SW846 8260B
	ND	10	11	ug/L	107	4.5	SW846 8260B
Isopropyl ether	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.7	ug/L	97	6.3	SW846 8260B
Dichlorodifluoromethane	ND	10	5.8	ug/L	58 a		SW846 8260B
	ND	10	5.8	ug/L	58 a	0.41	SW846 8260B
1,1-Dichloroethane	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.8	ug/L	98	2.6	SW846 8260B
1,2-Dichloroethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	3.1	SW846 8260B
cis-1,2-Dichloroethene	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.7	ug/L	97	4.0	SW846 8260B
trans-1,2-Dichloroethene	ND	10	10	ug/L	100		SW846 8260B
	ND	10	10	ug/L	102	2.8	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**11**	**ug/L**	**108**		**SW846 8260B**
	ND	**10**	**11**	**ug/L**	**113**	**4.1**	**SW846 8260B**
1,2-Dichloropropane	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.5	ug/L	95	2.2	SW846 8260B
1,3-Dichloropropane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.6	ug/L	96	4.9	SW846 8260B
2,2-Dichloropropane	ND	10	7.0	ug/L	70		SW846 8260B
	ND	10	7.6	ug/L	76	8.8	SW846 8260B
cis-1,3-Dichloropropene	ND	10	7.7	ug/L	77 a		SW846 8260B
	ND	10	8.2	ug/L	82	5.8	SW846 8260B
trans-1,3-Dichloropropene	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.9	ug/L	89	4.8	SW846 8260B
1,1-Dichloropropene	ND	10	9.6	ug/L	96		SW846 8260B
	ND	10	9.9	ug/L	99	2.7	SW846 8260B
Ethylbenzene	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.7	ug/L	97	6.2	SW846 8260B
Hexachlorobutadiene	ND	10	6.6	ug/L	66 a		SW846 8260B
	ND	10	7.8	ug/L	78	16	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Isopropylbenzene	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.8	ug/L	88	7.6	SW846 8260B
p-Isopropyltoluene	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.8	ug/L	88	14	SW846 8260B
Methylene chloride	ND	10	9.5	ug/L	95		SW846 8260B
	ND	10	9.7	ug/L	97	2.3	SW846 8260B
Naphthalene	ND	10	7.0	ug/L	70		SW846 8260B
	ND	10	8.2	ug/L	82	16	SW846 8260B
n-Propylbenzene	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	9.0	ug/L	90	9.2	SW846 8260B
Styrene	ND	10	8.8	ug/L	84		SW846 8260B
	ND	10	9.2	ug/L	88	4.4	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.2	ug/L	92	2.6	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	8.7	ug/L	87 a		SW846 8260B
	ND	10	9.1	ug/L	91	5.3	SW846 8260B
Tetrachloroethene	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.3	ug/L	93	7.5	SW846 8260B
Toluene	**ND**	**10**	**9.4**	**ug/L**	**94**		**SW846 8260B**
	ND	**10**	**9.9**	**ug/L**	**99**	**4.8**	**SW846 8260B**
1,2,3-Trichlorobenzene	ND	10	8.3	ug/L	83		SW846 8260B
	ND	10	9.3	ug/L	93	12	SW846 8260B
1,2,4-Trichloro-benzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.8	ug/L	88	14	SW846 8260B
1,1,1-Trichloroethane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.3	ug/L	93	6.0	SW846 8260B
1,1,2-Trichloroethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.5	ug/L	95	3.4	SW846 8260B
Trichloroethene	**1.0**	**10**	**10**	**ug/L**	**90**		**SW846 8260B**
	1.0	**10**	**10**	**ug/L**	**92**	**2.7**	**SW846 8260B**
Trichlorofluoromethane	ND	10	7.5	ug/L	73		SW846 8260B
	ND	10	8.3	ug/L	81	10	SW846 8260B
1,2,3-Trichloropropane	ND	10	9.3	ug/L	93		SW846 8260B
	ND	10	9.7	ug/L	97	3.8	SW846 8260B
1,2,4-Trimethylbenzene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	9.3	ug/L	93	9.0	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.9	ug/L	89	9.3	SW846 8260B
Vinyl chloride	ND	10	8.3	ug/L	83 a		SW846 8260B
	ND	10	8.5	ug/L	85 a	2.5	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280509 **Work Order #...:** L179V1AC-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280509-003 L179V1AD-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
m-Xylene & p-Xylene	ND	20	19	ug/L	95		SW846 8260B
	ND	20	20	ug/L	100	5.2	SW846 8260B
o-Xylene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.3	ug/L	93	7.5	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	101	(73 - 122)
	99	(73 - 122)
1,2-Dichloroethane-d4	95	(61 - 128)
	95	(61 - 128)
Toluene-d8	104	(76 - 110)
	103	(76 - 110)
4-Bromofluorobenzene	111	(74 - 116)
	109	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METALS DATA

TRW Automotive

Client Sample ID: SW-LJ01-201005270800

DISSOLVED Metals

Lot-Sample #...: A0E280509-003 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L179V1AL
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L179V1AP
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**30300**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1AT**
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1AE
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L179V1AW
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L179V1A1
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**16900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1A4**
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1A7
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**8800**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1CA**
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1CE
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-LJ01-201005270800

DISSOLVED Metals

Lot-Sample #...: A0E280509-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1AH
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**54.6**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L179V1D1**
		Dilution Factor: 1		Analysis Time..: 20:23	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1CH
		Dilution Factor: 1		Analysis Time..: 01:36	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L179V1CL
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**10100**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L179V1CP**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: SW-LJ02-201005270850

DISSOLVED Metals

Lot-Sample #...: A0E280509-004 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:50 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17961AH
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17961AJ
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**29500**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17961AK**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AF
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L17961AL
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17961AA
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17961AC**
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AD
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17961AQ
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AR
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-LJ02-201005270850

DISSOLVED Metals

Lot-Sample #...: A0E280509-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AG
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**56.2**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L17961A7**
		Dilution Factor: 1		Analysis Time..: 20:48	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AT
		Dilution Factor: 1		Analysis Time..: 02:05	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L17961AU
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**11500**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L17961AV**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: SW-LJ03-201005270920

DISSOLVED Metals

Lot-Sample #...: A0E280509-005 **Matrix.....:** WG
Date Sampled...: 05/27/10 09:20 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17981AH
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17981AJ
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**30000**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AK**
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AF
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L17981AL
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17981AA
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**16600**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AC**
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AD
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**8860**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AQ**
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AR
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-LJ03-201005270920

DISSOLVED Metals

Lot-Sample #...: A0E280509-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AG
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**54.1**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L17981A7**
		Dilution Factor: 1		Analysis Time..: 20:55	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AT
		Dilution Factor: 1		Analysis Time..: 02:17	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L17981AU
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**10100**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L17981AV**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: EB01-20100527

DISSOLVED Metals

Lot-Sample #...: A0E280509-006 **Matrix.....:** WQ
Date Sampled...: 05/27/10 11:30 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AH
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AJ
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AK
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AF
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AL
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AA
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AC
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AD
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AQ
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AR
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: EB01-20100527

DISSOLVED Metals

Lot-Sample #...: A0E280509-006 **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AG
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/02/10	L18AA1A7
		Dilution Factor: 1		Analysis Time..: 20:59	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AT
		Dilution Factor: 1		Analysis Time..: 02:23	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L18AA1AU
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L18AA1AV
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0F010000-030 **Prep Batch #...:** 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/03/10	L195W1AD
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/03/10	L195W1AE
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AF
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AA
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/03/10	L195W1AG
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AC
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AJ
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AK
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AM
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AH
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AL
		Dilution Factor: 1				
		Analysis Time..: 23:45	Analyst ID.....: 000079	Instrument ID..: I5		

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/02/10	L195W1AP
		Dilution Factor: 1				
		Analysis Time..: 18:55		Analyst ID.....: 001576	Instrument ID..: I8	
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AN
		Dilution Factor: 1				
		Analysis Time..: 23:45		Analyst ID.....: 000079	Instrument ID..: I5	

MB Lot-Sample #: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AA
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AC
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-030 **Prep Batch #...:** 0152030					
Chromium	90	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AQ
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Lead	91	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AR
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Barium	89	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AT
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Boron	83	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AU
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Calcium	91	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AV
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Iron	88	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AW
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Potassium	91	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1AX
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Magnesium	89	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A0
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Manganese	94	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A1
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Sodium	88	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A2
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	95	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A3
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Zinc	97	(80 - 120)	SW846 6010B	06/01-06/03/10	L195W1A4
		Dilution Factor: 1	Analysis Time..: 23:51	Analyst ID.....: 000079	
		Instrument ID..: I5			
Strontium	91	(80 - 120)	SW846 6020	06/01-06/02/10	L195W1A5
		Dilution Factor: 1	Analysis Time..: 18:59	Analyst ID.....: 001576	
		Instrument ID..: I8			

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	102	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AD
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			
Silica	98	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AE
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-030 **Prep Batch #...:** 0152030							
Chromium	200	180	ug/L	90	SW846 6010B	06/01-06/03/10	L195W1AQ
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Lead	500	456	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AR
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Barium	2000	1790	ug/L	89	SW846 6010B	06/01-06/03/10	L195W1AT
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Boron	1000	826	ug/L	83	SW846 6010B	06/01-06/03/10	L195W1AU
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Calcium	50000	45400	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AV
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Iron	1000	881	ug/L	88	SW846 6010B	06/01-06/03/10	L195W1AW
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Potassium	50000	45600	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AX
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Magnesium	50000	44700	ug/L	89	SW846 6010B	06/01-06/03/10	L195W1A0
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Manganese	500	470	ug/L	94	SW846 6010B	06/01-06/03/10	L195W1A1
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Sodium	50000	44100	ug/L	88	SW846 6010B	06/01-06/03/10	L195W1A2
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	500	474	ug/L	95	SW846 6010B	06/01-06/03/10	L195W1A3
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Zinc	500	483	ug/L	97	SW846 6010B	06/01-06/03/10	L195W1A4
			Dilution Factor: 1		Analysis Time..: 23:51	Analyst ID.....: 000079	
			Instrument ID..: I5				
Strontium	100	91.4	ug/L	91	SW846 6020	06/01-06/02/10	L195W1A5
			Dilution Factor: 1		Analysis Time..: 18:59	Analyst ID.....: 001576	
			Instrument ID..: I8				

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	1000	1020	ug/L	102	SW846 6010B	06/03-06/04/10	L2DVH1AD
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				
Silica	21400	20900	ug/L	98	SW846 6010B	06/03-06/04/10	L2DVH1AE
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0152030

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium	100	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AM
	97	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AN
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Boron	96	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AQ
	94	(75 - 125)	3.1	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AR
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Calcium	98	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AU
	92	(75 - 125)	3.7	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AV
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Chromium	101	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AF
	98	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AG
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Iron	99	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AX
	95	(75 - 125)	3.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A0
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Lead	102	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AJ
	99	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AK
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Magnesium	99	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A5
	94	(75 - 125)	3.4	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A6
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	
Manganese	105	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A8
	102	(75 - 125)	3.0	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A9
		Dilution Factor: 1					
		Analysis Time..: 01:54			Instrument ID..: I5	Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	104	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CF
	101	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CG

Dilution Factor: 1
Analysis Time..: 01:54 Instrument ID..: I5 Analyst ID.....: 000079

Potassium	102	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A2
	99	(75 - 125)	2.6	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A3

Dilution Factor: 1
Analysis Time..: 01:54 Instrument ID..: I5 Analyst ID.....: 000079

Sodium	98	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CC
	95	(75 - 125)	3.2	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CD

Dilution Factor: 1
Analysis Time..: 01:54 Instrument ID..: I5 Analyst ID.....: 000079

Strontium	101	(20 - 192)			SW846 6020	06/01-06/02/10	L179V1D2
	99	(20 - 192)	1.9	(0-20)	SW846 6020	06/01-06/02/10	L179V1D3

Dilution Factor: 1
Analysis Time..: 20:38 Instrument ID..: I8 Analyst ID.....: 001576

Zinc	103	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CJ
	100	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CK

Dilution Factor: 1
Analysis Time..: 01:54 Instrument ID..: I5 Analyst ID.....: 000079

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092

Lithium	105	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CM
	103	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CN

Dilution Factor: 1
Analysis Time..: 12:26 Instrument ID..: 6500ICP Analyst ID.....: 22952

Silica	99	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CQ
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CR

Dilution Factor: 1
Analysis Time..: 00:00 Instrument ID..: 6500ICP Analyst ID.....: 22952

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0152030

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	ND	2000	2120	ug/L	100		SW846 6010B	06/01-06/04/10	L179V1AM
	ND	2000	2060	ug/L	97	2.9	SW846 6010B	06/01-06/04/10	L179V1AN
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Boron									
	ND	1000	964	ug/L	96		SW846 6010B	06/01-06/04/10	L179V1AQ
	ND	1000	935	ug/L	94	3.1	SW846 6010B	06/01-06/04/10	L179V1AR
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Calcium									
	30300	50000	79300	ug/L	98		SW846 6010B	06/01-06/04/10	L179V1AU
	30300	50000	76500	ug/L	92	3.7	SW846 6010B	06/01-06/04/10	L179V1AV
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Chromium									
	ND	200	201	ug/L	101		SW846 6010B	06/01-06/04/10	L179V1AF
	ND	200	195	ug/L	98	2.9	SW846 6010B	06/01-06/04/10	L179V1AG
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Iron									
	ND	1000	985	ug/L	99		SW846 6010B	06/01-06/04/10	L179V1AX
	ND	1000	948	ug/L	95	3.9	SW846 6010B	06/01-06/04/10	L179V1A0
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Lead									
	ND	500	508	ug/L	102		SW846 6010B	06/01-06/04/10	L179V1AJ
	ND	500	493	ug/L	99	2.9	SW846 6010B	06/01-06/04/10	L179V1AK
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Magnesium									
	16900	50000	66100	ug/L	99		SW846 6010B	06/01-06/04/10	L179V1A5
	16900	50000	63900	ug/L	94	3.4	SW846 6010B	06/01-06/04/10	L179V1A6
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese									
	ND	500	524	ug/L	105		SW846 6010B	06/01-06/04/10	L179V1A8
	ND	500	509	ug/L	102	3.0	SW846 6010B	06/01-06/04/10	L179V1A9
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Nickel									
	ND	500	518	ug/L	104		SW846 6010B	06/01-06/04/10	L179V1CF
	ND	500	503	ug/L	101	2.8	SW846 6010B	06/01-06/04/10	L179V1CG
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Potassium									
	ND	50000	52700	ug/L	102		SW846 6010B	06/01-06/04/10	L179V1A2
	ND	50000	51300	ug/L	99	2.6	SW846 6010B	06/01-06/04/10	L179V1A3
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Sodium									
	8800	50000	58000	ug/L	98		SW846 6010B	06/01-06/04/10	L179V1CC
	8800	50000	56100	ug/L	95	3.2	SW846 6010B	06/01-06/04/10	L179V1CD
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	
Strontium									
	54.6	100	156	ug/L	101		SW846 6020	06/01-06/02/10	L179V1D2
	54.6	100	153	ug/L	99	1.9	SW846 6020	06/01-06/02/10	L179V1D3
			Dilution Factor: 1						
			Analysis Time..: 20:38		Instrument ID..: I8			Analyst ID.....: 001576	
Zinc									
	ND	500	524	ug/L	103		SW846 6010B	06/01-06/04/10	L179V1CJ
	ND	500	510	ug/L	100	2.8	SW846 6010B	06/01-06/04/10	L179V1CK
			Dilution Factor: 1						
			Analysis Time..: 01:54		Instrument ID..: I5			Analyst ID.....: 000079	

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092

Lithium									
	ND	1000	1050	ug/L	105		SW846 6010B	06/03-06/04/10	L179V1CM
	ND	1000	1030	ug/L	103	1.8	SW846 6010B	06/03-06/04/10	L179V1CN
			Dilution Factor: 1						
			Analysis Time..: 12:26		Instrument ID..: 6500ICP			Analyst ID.....: 22952	

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica									
	10100	21400	31200	ug/L	99		SW846 6010B	06/03-06/04/10	L179V1CQ
	10100	21400	30700	ug/L	96	1.8	SW846 6010B	06/03-06/04/10	L179V1CR

Dilution Factor: 1
Analysis Time..: 00:00 Instrument ID..: 6500ICP Analyst ID.....: 22952

NOTE(S):

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

GENERAL CHEMISTRY DATA

TRW Automotive

Client Sample ID: SW-LJ01-201005270800

General Chemistry

Lot-Sample #...: A0E280509-003 **Work Order #...:** L179V **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**139**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	ND	0.50	mg/L	SW846 9056A	05/29/10	0152273
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.60**	**0.50**	**mg/L**	**SW846 9056A**	**06/02/10**	**0154316**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	06/02/10	0154314
		Dilution Factor: 1				
Dissolved Chloride	**10.1**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152279**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	06/02/10	0154315
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.90**	**0.10**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152274**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1				
Dissolved Sulfate	**9.1**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152282**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-LJ02-201005270850

General Chemistry

Lot-Sample #...: A0E280509-004 **Work Order #...:** L1796 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:50 **Date Received..:** 05/28/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**144**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**1.1**	**0.50**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152273**
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**1.5**	**0.50**	**mg/L**	**SW846 9056A**	**06/02/10**	**0154316**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1				
Dissolved Chloride	ND	1.0	mg/L	SW846 9056A	05/29/10	0152279
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.10**	**0.10**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152274**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1				
Dissolved Sulfate	**6.5**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152282**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-LJ03-201005270920

General Chemistry

Lot-Sample #...: A0E280509-005 **Work Order #...:** L1798 **Matrix.....:** WG
Date Sampled...: 05/27/10 09:20 **Date Received..:** 05/28/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**140**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.70**	**0.50**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152273**
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**1.0**	**0.50**	**mg/L**	**SW846 9056A**	**06/02/10**	**0154316**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1				
Dissolved Chloride	**10.3**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152279**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.90**	**0.10**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152274**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1				
Dissolved Sulfate	**9.3**	**1.0**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152282**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: EB01-20100527

General Chemistry

Lot-Sample #...: A0E280509-006 **Work Order #...:** L18AA **Matrix.....:** WQ
Date Sampled...: 05/27/10 11:30 **Date Received..:** 05/28/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.83**	**0.50**	**mg/L**	**SW846 9056A**	**05/29/10**	**0152273**
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.70**	**0.50**	**mg/L**	**SW846 9056A**	**06/02/10**	**0154316**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1				
Dissolved Chloride	ND	1.0	mg/L	SW846 9056A	05/29/10	0152279
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1				
Dissolved Nitrate as N	ND	0.10	mg/L	SW846 9056A	05/29/10	0152274
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1				
Dissolved Sulfate	ND	1.0	mg/L	SW846 9056A	05/29/10	0152282
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity		Work Order #: L2JMT1AA		MB Lot-Sample #:	A0F050000-023	
	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1				
Carbonate Alkalinity		Work Order #: L2JM31AA		MB Lot-Sample #:	A0F050000-026	
	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Total Phosphorus, Dissolved		Work Order #: L2E811AA		MB Lot-Sample #:	A0F030000-384	
	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		Work Order #: L2ARH1AA		MB Lot-Sample #:	A0F010000-273	
	ND	0.50	mg/L	SW846 9056A	05/28/10	0152273
		Dilution Factor: 1				
Dissolved ortho-Phosphate		Work Order #: L2E1C1AA		MB Lot-Sample #:	A0F030000-316	
	ND	0.50	mg/L	SW846 9056A	06/02/10	0154316
		Dilution Factor: 1				
Dissolved Ammonia as N		Work Order #: L2KF31AA		MB Lot-Sample #:	A0F070000-342	
	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide		Work Order #: L2CFJ1AA		MB Lot-Sample #:	A0F020000-100	
	ND	0.50	mg/L	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1				
Dissolved Bromide		Work Order #: L2E011AA		MB Lot-Sample #:	A0F030000-314	
	ND	0.50	mg/L	SW846 9056A	06/02/10	0154314
		Dilution Factor: 1				
Dissolved Chloride		Work Order #: L2ARN1AA		MB Lot-Sample #:	A0F010000-279	
	ND	1.0	mg/L	SW846 9056A	05/28/10	0152279
		Dilution Factor: 1				
Dissolved Fluoride		Work Order #: L2CFG1AA		MB Lot-Sample #:	A0F020000-101	
	ND	1.0	mg/L	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1				
Dissolved Fluoride		Work Order #: L2E021AA		MB Lot-Sample #:	A0F030000-315	
	ND	1.0	mg/L	SW846 9056A	06/02/10	0154315
		Dilution Factor: 1				
Dissolved Nitrate as N		Work Order #: L2ARJ1AA		MB Lot-Sample #:	A0F010000-274	
	ND	0.10	mg/L	SW846 9056A	05/28/10	0152274
		Dilution Factor: 1				
Dissolved Nitrite		Work Order #: L2ARK1AA		MB Lot-Sample #:	A0F010000-275	
	ND	0.10	mg/L	SW846 9056A	05/28/10	0152275
		Dilution Factor: 1				

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METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Sulfate		Work Order #: L2ART1AA		MB Lot-Sample #:	A0F010000-282	
	ND	1.0	mg/L	SW846 9056A	05/28/10	0152282
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved		Work Order #: L2E811AC	LCS Lot-Sample#: A0F030000-384		
	90	(53 - 134)	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved	Work Order #: L2E811AC LCS Lot-Sample#: A0F030000-384						
	2.6	2.3	mg/L	90	SM18 4500-P E	06/03/10	0154384
	Dilution Factor: 1						

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate	WO#:L2ARH1AC-LCS/L2ARH1AD-LCSD LCS Lot-Sample#: A0F010000-273						
	84 N	(90 - 110)			SW846 9056A	05/28/10	0152273
	84 N	(90 - 110)	0.0	(0-20)	SW846 9056A	05/28/10	0152273
	Dilution Factor: 1						
Dissolved ortho-Phosphate	WO#:L2E1C1AC-LCS/L2E1C1AD-LCSD LCS Lot-Sample#: A0F030000-316						
	100	(90 - 110)			SW846 9056A	06/02/10	0154316
	100	(90 - 110)	0.0	(0-20)	SW846 9056A	06/02/10	0154316
	Dilution Factor: 1						
Dissolved Bromide	WO#:L2CFJ1AC-LCS/L2CFJ1AD-LCSD LCS Lot-Sample#: A0F020000-100						
	98	(90 - 110)			SW846 9056A	06/01/10	0153100
	95	(90 - 110)	3.1	(0-20)	SW846 9056A	06/01/10	0153100
	Dilution Factor: 1						
Dissolved Bromide	WO#:L2E011AC-LCS/L2E011AD-LCSD LCS Lot-Sample#: A0F030000-314						
	97	(90 - 110)			SW846 9056A	06/02/10	0154314
	95	(90 - 110)	2.1	(0-20)	SW846 9056A	06/02/10	0154314
	Dilution Factor: 1						
Dissolved Chloride	WO#:L2ARN1AC-LCS/L2ARN1AD-LCSD LCS Lot-Sample#: A0F010000-279						
	97	(90 - 110)			SW846 9056A	05/28/10	0152279
	97	(90 - 110)	0.20	(0-20)	SW846 9056A	05/28/10	0152279
	Dilution Factor: 1						
Dissolved Fluoride	WO#:L2CFG1AC-LCS/L2CFG1AD-LCSD LCS Lot-Sample#: A0F020000-101						
	96	(90 - 110)			SW846 9056A	06/01/10	0153101
	96	(90 - 110)	0.0	(0-20)	SW846 9056A	06/01/10	0153101
	Dilution Factor: 1						
Dissolved Fluoride	WO#:L2E021AC-LCS/L2E021AD-LCSD LCS Lot-Sample#: A0F030000-315						
	100	(90 - 110)			SW846 9056A	06/02/10	0154315
	96	(90 - 110)	4.1	(0-20)	SW846 9056A	06/02/10	0154315
	Dilution Factor: 1						

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Nitrate as N	WO#:L2ARJ1AC-LCS/L2ARJ1AD-LCSD LCS Lot-Sample#: A0F010000-274						
	96	(90 - 110)			SW846 9056A	05/28/10	0152274
	96	(90 - 110)	0.0	(0-20)	SW846 9056A	05/28/10	0152274
	Dilution Factor: 1						
Dissolved Nitrite	WO#:L2ARK1AC-LCS/L2ARK1AD-LCSD LCS Lot-Sample#: A0F010000-275						
	108	(90 - 110)			SW846 9056A	05/28/10	0152275
	104	(90 - 110)	3.8	(0-20)	SW846 9056A	05/28/10	0152275
	Dilution Factor: 1						
Dissolved Sulfate	WO#:L2ART1AC-LCS/L2ART1AD-LCSD LCS Lot-Sample#: A0F010000-282						
	93	(90 - 110)			SW846 9056A	05/28/10	0152282
	93	(90 - 110)	0.21	(0-20)	SW846 9056A	05/28/10	0152282
	Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		WO#:L2ARH1AC-LCS/L2ARH1AD-LCSD				LCS Lot-Sample#: A0F010000-273		
	2.5	2.1 N	mg/L	84		SW846 9056A	05/28/10	0152273
	2.5	2.1 N	mg/L	84	0.0	SW846 9056A	05/28/10	0152273
		Dilution Factor: 1						
Dissolved ortho-Phosphate		WO#:L2E1C1AC-LCS/L2E1C1AD-LCSD				LCS Lot-Sample#: A0F030000-316		
	2.5	2.5	mg/L	100		SW846 9056A	06/02/10	0154316
	2.5	2.5	mg/L	100	0.0	SW846 9056A	06/02/10	0154316
		Dilution Factor: 1						
Dissolved Bromide		WO#:L2CFJ1AC-LCS/L2CFJ1AD-LCSD				LCS Lot-Sample#: A0F020000-100		
	10.0	9.8	mg/L	98		SW846 9056A	06/01/10	0153100
	10.0	9.5	mg/L	95	3.1	SW846 9056A	06/01/10	0153100
		Dilution Factor: 1						
Dissolved Bromide		WO#:L2E011AC-LCS/L2E011AD-LCSD				LCS Lot-Sample#: A0F030000-314		
	10.0	9.7	mg/L	97		SW846 9056A	06/02/10	0154314
	10.0	9.5	mg/L	95	2.1	SW846 9056A	06/02/10	0154314
		Dilution Factor: 1						
Dissolved Chloride		WO#:L2ARN1AC-LCS/L2ARN1AD-LCSD				LCS Lot-Sample#: A0F010000-279		
	50.0	48.6	mg/L	97		SW846 9056A	05/28/10	0152279
	50.0	48.7	mg/L	97	0.20	SW846 9056A	05/28/10	0152279
		Dilution Factor: 1						
Dissolved Fluoride		WO#:L2CFG1AC-LCS/L2CFG1AD-LCSD				LCS Lot-Sample#: A0F020000-101		
	2.5	2.4	mg/L	96		SW846 9056A	06/01/10	0153101
	2.5	2.4	mg/L	96	0.0	SW846 9056A	06/01/10	0153101
		Dilution Factor: 1						
Dissolved Fluoride		WO#:L2E021AC-LCS/L2E021AD-LCSD				LCS Lot-Sample#: A0F030000-315		
	2.5	2.5	mg/L	100		SW846 9056A	06/02/10	0154315
	2.5	2.4	mg/L	96	4.1	SW846 9056A	06/02/10	0154315
		Dilution Factor: 1						

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LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Nitrate as N		WO#:L2ARJ1AC-LCS/L2ARJ1AD-LCSD				LCS Lot-Sample#: A0F010000-274		
	2.5	2.4	mg/L	96		SW846 9056A	05/28/10	0152274
	2.5	2.4	mg/L	96	0.0	SW846 9056A	05/28/10	0152274
		Dilution Factor: 1						
Dissolved Nitrite		WO#:L2ARK1AC-LCS/L2ARK1AD-LCSD				LCS Lot-Sample#: A0F010000-275		
	2.5	2.7	mg/L	108		SW846 9056A	05/28/10	0152275
	2.5	2.6	mg/L	104	3.8	SW846 9056A	05/28/10	0152275
		Dilution Factor: 1						
Dissolved Sulfate		WO#:L2ART1AC-LCS/L2ART1AD-LCSD				LCS Lot-Sample#: A0F010000-282		
	50.0	46.4	mg/L	93		SW846 9056A	05/28/10	0152282
	50.0	46.3	mg/L	93	0.21	SW846 9056A	05/28/10	0152282
		Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N		Work Order #: L2KF31AC	LCS Lot-Sample#: A0F070000-342		
	91	(85 - 114)	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N			Work Order #: L2KF31AC		LCS Lot-Sample#: A0F070000-342		
	6.5	5.9	mg/L	91	SM18 4500 NH3 E	06/07/10	0158342
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved	WO#: L179V1GT-MS/L179V1GU-MSD MS Lot-Sample #: A0E280509-003						
	101	(10 - 199)			SM18 4500-P E	06/03/10	0154384
	100	(10 - 199)	0.37	(0-46)	SM18 4500-P E	06/03/10	0154384
	Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved			WO#: L179V1GT-MS/L179V1GU-MSD				MS Lot-Sample #: A0E280509-003		
	ND	0.50	0.54	mg/L	101		SM18 4500-P E	06/03/10	0154384
	ND	0.50	0.54	mg/L	100	0.37	SM18 4500-P E	06/03/10	0154384
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		WO#: L179V1GP-MS/L179V1GQ-MSD				MS Lot-Sample #: A0E280509-003	
	200 N	(80 - 120)			SW846 9056A	06/02/10	0154316
	216 N	(80 - 120)	6.9	(0-20)	SW846 9056A	06/02/10	0154316
		Dilution Factor: 1					
Dissolved Ammonia as N		WO#: L179V1C8-MS/L179V1C9-MSD				MS Lot-Sample #: A0E280509-003	
	63 N	(75 - 125)			SM18 4500 NH3 E	06/07/10	0158342
	91 *	(75 - 125)	33	(0-20)	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1					
Dissolved Bromide		WO#: L179V1DF-MS/L179V1DG-MSD				MS Lot-Sample #: A0E280509-003	
	101	(80 - 120)			SW846 9056A	06/02/10	0154314
	100	(80 - 120)	0.99	(0-20)	SW846 9056A	06/02/10	0154314
		Dilution Factor: 1					
Dissolved Chloride		WO#: L179V1C5-MS/L179V1C6-MSD				MS Lot-Sample #: A0E280509-003	
	93	(80 - 120)			SW846 9056A	05/29/10	0152279
	89	(80 - 120)	3.6	(0-20)	SW846 9056A	05/29/10	0152279
		Dilution Factor: 1					
Dissolved Fluoride		WO#: L179V1DJ-MS/L179V1DK-MSD				MS Lot-Sample #: A0E280509-003	
	116	(80 - 120)			SW846 9056A	06/02/10	0154315
	116	(80 - 120)	0.0	(0-20)	SW846 9056A	06/02/10	0154315
		Dilution Factor: 1					
Dissolved Nitrate as N		WO#: L179V1DM-MS/L179V1DN-MSD				MS Lot-Sample #: A0E280509-003	
	92	(90 - 110)			SW846 9056A	05/29/10	0152274
	96	(90 - 110)	3.1	(0-20)	SW846 9056A	05/29/10	0152274
		Dilution Factor: 1					
Dissolved Nitrite		WO#: L179V1DQ-MS/L179V1DR-MSD				MS Lot-Sample #: A0E280509-003	
	108	(90 - 110)			SW846 9056A	05/29/10	0152275
	104	(90 - 110)	3.8	(0-20)	SW846 9056A	05/29/10	0152275
		Dilution Factor: 1					
Dissolved Sulfate		WO#: L179V1DX-MS/L179V1D0-MSD				MS Lot-Sample #: A0E280509-003	
	88 N	(90 - 110)			SW846 9056A	05/29/10	0152282
	84 N	(90 - 110)	3.3	(0-20)	SW846 9056A	05/29/10	0152282
		Dilution Factor: 1					

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate			WO#: L179V1GP-MS/L179V1GQ-MSD				MS Lot-Sample #: A0E280509-003		
	0.60	2.5	5.6 N	mg/L	200		SW846 9056A	06/02/10	0154316
	0.60	2.5	6.0 N	mg/L	216	6.9	SW846 9056A	06/02/10	0154316
			Dilution Factor: 1						
Dissolved Ammonia as N			WO#: L179V1C8-MS/L179V1C9-MSD				MS Lot-Sample #: A0E280509-003		
	ND	4.0	2.8 N	mg/L	63		SM18 4500 NH3	06/07/10	0158342
	ND	4.0	3.9 *	mg/L	91	33	SM18 4500 NH3	06/07/10	0158342
			Dilution Factor: 1						
Dissolved Bromide			WO#: L179V1DF-MS/L179V1DG-MSD				MS Lot-Sample #: A0E280509-003		
	ND	10.0	10.1	mg/L	101		SW846 9056A	06/02/10	0154314
	ND	10.0	10.0	mg/L	100	0.99	SW846 9056A	06/02/10	0154314
			Dilution Factor: 1						
Dissolved Chloride			WO#: L179V1C5-MS/L179V1C6-MSD				MS Lot-Sample #: A0E280509-003		
	10.1	50.0	56.7	mg/L	93		SW846 9056A	05/29/10	0152279
	10.1	50.0	54.7	mg/L	89	3.6	SW846 9056A	05/29/10	0152279
			Dilution Factor: 1						
Dissolved Fluoride			WO#: L179V1DJ-MS/L179V1DK-MSD				MS Lot-Sample #: A0E280509-003		
	ND	2.5	3.0	mg/L	116		SW846 9056A	06/02/10	0154315
	ND	2.5	3.0	mg/L	116	0.0	SW846 9056A	06/02/10	0154315
			Dilution Factor: 1						
Dissolved Nitrate as N			WO#: L179V1DM-MS/L179V1DN-MSD				MS Lot-Sample #: A0E280509-003		
	0.90	2.5	3.2	mg/L	92		SW846 9056A	05/29/10	0152274
	0.90	2.5	3.3	mg/L	96	3.1	SW846 9056A	05/29/10	0152274
			Dilution Factor: 1						
Dissolved Nitrite			WO#: L179V1DQ-MS/L179V1DR-MSD				MS Lot-Sample #: A0E280509-003		
	ND	2.5	2.7	mg/L	108		SW846 9056A	05/29/10	0152275
	ND	2.5	2.6	mg/L	104	3.8	SW846 9056A	05/29/10	0152275
			Dilution Factor: 1						
Dissolved Sulfate			WO#: L179V1DX-MS/L179V1D0-MSD				MS Lot-Sample #: A0E280509-003		
	9.1	50.0	53.0 N	mg/L	88		SW846 9056A	05/29/10	0152282
	9.1	50.0	51.3 N	mg/L	84	3.3	SW846 9056A	05/29/10	0152282
			Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Work Order #...:** L179V-SMP **Matrix.....:** WG
L179V-DUP
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	A0E280509-003	
	139	150	mg/L	7.0	(0-20)	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1						
Carbonate Alkalinity						SD Lot-Sample #:	A0E280509-003	
	ND	ND	mg/L	0	(0-20)	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1						

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280509 **Work Order #...:** L1839-SMP L1839-DUP **Matrix.....:** WATER

Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	A0E280605-001	
	67.7	67.5	mg/L	0.21	(0-20)	SM18 2320 B	06/05/10	0156023
		Dilution Factor: 1						
Carbonate Alkalinity						SD Lot-Sample #:	A0E280605-001	
	ND	ND	mg/L	0	(0-20)	SM18 2320 B	06/05/10	0156026
		Dilution Factor: 1						

PITTSBURGH DATA

TRW Automotive

Client Sample ID: SW-LJ01-201005270800

DISSOLVED Metals

Lot-Sample #...: A0E280509-003 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L179V1AL
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L179V1AP
		Dilution Factor: 1				
Calcium	**30300**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1AT**
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1AE
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L179V1AW
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L179V1A1
		Dilution Factor: 1				
Magnesium	**16900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1A4**
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1A7
		Dilution Factor: 1				
Sodium	**8800**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L179V1CA**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1CE
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1AH
		Dilution Factor: 1				
Strontium	**54.6**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L179V1D1**
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L179V1CH
		Dilution Factor: 1				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L179V1CL
		Dilution Factor: 1				

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TRW Automotive

Client Sample ID: SW-LJ01-201005270800

DISSOLVED Metals

Lot-Sample #...: A0E280509-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica	**10100**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L179V1CP**

Dilution Factor: 1

TRW Automotive

Client Sample ID: SW-LJ02-201005270850

DISSOLVED Metals

Lot-Sample #...: A0E280509-004 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:50 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17961AH
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17961AJ
		Dilution Factor: 1				
Calcium	**29500**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17961AK**
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AF
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L17961AL
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17961AA
		Dilution Factor: 1				
Magnesium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17961AC**
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AD
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17961AQ
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AR
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AG
		Dilution Factor: 1				
Strontium	**56.2**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L17961A7**
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L17961AT
		Dilution Factor: 1				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L17961AU
		Dilution Factor: 1				

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TRW Automotive

Client Sample ID: SW-LJ02-201005270850

DISSOLVED Metals

Lot-Sample #...: A0E280509-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica	**11500**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L17961AV**

Dilution Factor: 1

TRW Automotive

Client Sample ID: SW-LJ03-201005270920

DISSOLVED Metals

Lot-Sample #...: A0E280509-005 **Matrix.....:** WG
Date Sampled...: 05/27/10 09:20 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17981AH
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L17981AJ
		Dilution Factor: 1				
Calcium	**30000**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AK**
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AF
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L17981AL
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L17981AA
		Dilution Factor: 1				
Magnesium	**16600**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AC**
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AD
		Dilution Factor: 1				
Sodium	**8860**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/04/10**	**L17981AQ**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AR
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AG
		Dilution Factor: 1				
Strontium	**54.1**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/02/10**	**L17981A7**
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L17981AT
		Dilution Factor: 1				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L17981AU
		Dilution Factor: 1				

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TRW Automotive

Client Sample ID: SW-LJ03-201005270920

DISSOLVED Metals

Lot-Sample #...: A0E280509-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica	**10100**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L17981AV**

Dilution Factor: 1

TRW Automotive

Client Sample ID: EB01-20100527

DISSOLVED Metals

Lot-Sample #...: A0E280509-006 **Matrix.....:** WQ
Date Sampled...: 05/27/10 11:30 **Date Received..:** 05/28/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AH
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AJ
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AK
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AF
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AL
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AA
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AC
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AD
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AQ
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AR
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AG
		Dilution Factor: 1				
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/02/10	L18AA1A7
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/04/10	L18AA1AT
		Dilution Factor: 1				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L18AA1AU
		Dilution Factor: 1				

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TRW Automotive

Client Sample ID: EB01-20100527

DISSOLVED Metals

Lot-Sample #...: A0E280509-006 **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L18AA1AV

Dilution Factor: 1

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0F010000-030 **Prep Batch #...:** 0152030						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/03/10	L195W1AD
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/03/10	L195W1AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AF
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AA
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/03/10	L195W1AG
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AC
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AJ
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AK
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AM
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AH
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/03/10	L195W1AL
		Dilution Factor: 1				
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/02/10	L195W1AP
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/03/10	L195W1AN
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0F030000-092 **Prep Batch #...:** 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AA
		Dilution Factor: 1				
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AC
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-030 **Prep Batch #...:** 0152030					
Chromium	90	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1AQ
Lead	91	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1AR
Barium	89	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1AT
Boron	83	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1AU
Calcium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1AV
Iron	88	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1AW
Potassium	91	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1AX
Magnesium	89	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1A0
Manganese	94	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1A1
Sodium	88	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1A2
Nickel	95	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1A3
Zinc	97	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/03/10	L195W1A4
Strontium	91	(80 - 120)	SW846 6020 Dilution Factor: 1	06/01-06/02/10	L195W1A5

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092					
Lithium	102	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AD
		Dilution Factor: 1			
Silica	98	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AE
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

LCS Lot-Sample#: A0F010000-030 **Prep Batch #...:** 0152030

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	180	ug/L	90	SW846 6010B	06/01-06/03/10	L195W1AQ
			Dilution Factor: 1				
Lead	500	456	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AR
			Dilution Factor: 1				
Barium	2000	1790	ug/L	89	SW846 6010B	06/01-06/03/10	L195W1AT
			Dilution Factor: 1				
Boron	1000	826	ug/L	83	SW846 6010B	06/01-06/03/10	L195W1AU
			Dilution Factor: 1				
Calcium	50000	45400	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AV
			Dilution Factor: 1				
Iron	1000	881	ug/L	88	SW846 6010B	06/01-06/03/10	L195W1AW
			Dilution Factor: 1				
Potassium	50000	45600	ug/L	91	SW846 6010B	06/01-06/03/10	L195W1AX
			Dilution Factor: 1				
Magnesium	50000	44700	ug/L	89	SW846 6010B	06/01-06/03/10	L195W1A0
			Dilution Factor: 1				
Manganese	500	470	ug/L	94	SW846 6010B	06/01-06/03/10	L195W1A1
			Dilution Factor: 1				
Sodium	50000	44100	ug/L	88	SW846 6010B	06/01-06/03/10	L195W1A2
			Dilution Factor: 1				
Nickel	500	474	ug/L	95	SW846 6010B	06/01-06/03/10	L195W1A3
			Dilution Factor: 1				
Zinc	500	483	ug/L	97	SW846 6010B	06/01-06/03/10	L195W1A4
			Dilution Factor: 1				
Strontium	100	91.4	ug/L	91	SW846 6020	06/01-06/02/10	L195W1A5
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092							
Lithium	1000	1020	ug/L	102	SW846 6010B	06/03-06/04/10	L2DVH1AD
			Dilution Factor: 1				
Silica	21400	20900	ug/L	98	SW846 6010B	06/03-06/04/10	L2DVH1AE
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0152030							
Barium	100	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AM
	97	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AN
		Dilution Factor: 1					
Boron	96	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AQ
	94	(75 - 125)	3.1	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AR
		Dilution Factor: 1					
Calcium	98	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AU
	92	(75 - 125)	3.7	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AV
		Dilution Factor: 1					
Chromium	101	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AF
	98	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AG
		Dilution Factor: 1					
Iron	99	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AX
	95	(75 - 125)	3.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A0
		Dilution Factor: 1					
Lead	102	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1AJ
	99	(75 - 125)	2.9	(0-20)	SW846 6010B	06/01-06/04/10	L179V1AK
		Dilution Factor: 1					
Magnesium	99	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A5
	94	(75 - 125)	3.4	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A6
		Dilution Factor: 1					
Manganese	105	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A8
	102	(75 - 125)	3.0	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A9
		Dilution Factor: 1					
Nickel	104	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CF
	101	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CG
		Dilution Factor: 1					
Potassium	102	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1A2
	99	(75 - 125)	2.6	(0-20)	SW846 6010B	06/01-06/04/10	L179V1A3
		Dilution Factor: 1					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	98	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CC
	95	(75 - 125)	3.2	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CD
		Dilution Factor: 1					
Strontium	101	(20 - 192)			SW846 6020	06/01-06/02/10	L179V1D2
	99	(20 - 192)	1.9	(0-20)	SW846 6020	06/01-06/02/10	L179V1D3
		Dilution Factor: 1					
Zinc	103	(75 - 125)			SW846 6010B	06/01-06/04/10	L179V1CJ
	100	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/04/10	L179V1CK
		Dilution Factor: 1					

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092

Lithium	105	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CM
	103	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CN
		Dilution Factor: 1					
Silica	99	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CQ
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CR
		Dilution Factor: 1					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0152030

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	ND	2000	2120	ug/L	100		SW846 6010B	06/01-06/04/10	L179V1AM
	ND	2000	2060	ug/L	97	2.9	SW846 6010B	06/01-06/04/10	L179V1AN
			Dilution Factor: 1						
Boron									
	ND	1000	964	ug/L	96		SW846 6010B	06/01-06/04/10	L179V1AQ
	ND	1000	935	ug/L	94	3.1	SW846 6010B	06/01-06/04/10	L179V1AR
			Dilution Factor: 1						
Calcium									
	30300	50000	79300	ug/L	98		SW846 6010B	06/01-06/04/10	L179V1AU
	30300	50000	76500	ug/L	92	3.7	SW846 6010B	06/01-06/04/10	L179V1AV
			Dilution Factor: 1						
Chromium									
	ND	200	201	ug/L	101		SW846 6010B	06/01-06/04/10	L179V1AF
	ND	200	195	ug/L	98	2.9	SW846 6010B	06/01-06/04/10	L179V1AG
			Dilution Factor: 1						
Iron									
	ND	1000	985	ug/L	99		SW846 6010B	06/01-06/04/10	L179V1AX
	ND	1000	948	ug/L	95	3.9	SW846 6010B	06/01-06/04/10	L179V1A0
			Dilution Factor: 1						
Lead									
	ND	500	508	ug/L	102		SW846 6010B	06/01-06/04/10	L179V1AJ
	ND	500	493	ug/L	99	2.9	SW846 6010B	06/01-06/04/10	L179V1AK
			Dilution Factor: 1						
Magnesium									
	16900	50000	66100	ug/L	99		SW846 6010B	06/01-06/04/10	L179V1A5
	16900	50000	63900	ug/L	94	3.4	SW846 6010B	06/01-06/04/10	L179V1A6
			Dilution Factor: 1						
Manganese									
	ND	500	524	ug/L	105		SW846 6010B	06/01-06/04/10	L179V1A8
	ND	500	509	ug/L	102	3.0	SW846 6010B	06/01-06/04/10	L179V1A9
			Dilution Factor: 1						

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280509 **Matrix.....:** WG
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	518	ug/L	104		SW846 6010B	06/01-06/04/10	L179V1CF
	ND	500	503	ug/L	101	2.8	SW846 6010B	06/01-06/04/10	L179V1CG
			Dilution Factor: 1						
Potassium									
	ND	50000	52700	ug/L	102		SW846 6010B	06/01-06/04/10	L179V1A2
	ND	50000	51300	ug/L	99	2.6	SW846 6010B	06/01-06/04/10	L179V1A3
			Dilution Factor: 1						
Sodium									
	8800	50000	58000	ug/L	98		SW846 6010B	06/01-06/04/10	L179V1CC
	8800	50000	56100	ug/L	95	3.2	SW846 6010B	06/01-06/04/10	L179V1CD
			Dilution Factor: 1						
Strontium									
	54.6	100	156	ug/L	101		SW846 6020	06/01-06/02/10	L179V1D2
	54.6	100	153	ug/L	99	1.9	SW846 6020	06/01-06/02/10	L179V1D3
			Dilution Factor: 1						
Zinc									
	ND	500	524	ug/L	103		SW846 6010B	06/01-06/04/10	L179V1CJ
	ND	500	510	ug/L	100	2.8	SW846 6010B	06/01-06/04/10	L179V1CK
			Dilution Factor: 1						

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092

Lithium									
	ND	1000	1050	ug/L	105		SW846 6010B	06/03-06/04/10	L179V1CM
	ND	1000	1030	ug/L	103	1.8	SW846 6010B	06/03-06/04/10	L179V1CN
			Dilution Factor: 1						
Silica									
	10100	21400	31200	ug/L	99		SW846 6010B	06/03-06/04/10	L179V1CQ
	10100	21400	30700	ug/L	96	1.8	SW846 6010B	06/03-06/04/10	L179V1CR
			Dilution Factor: 1						

NOTE(S):

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

END OF REPORT

ANALYTICAL REPORT

PROJECT NO. KC001590.0003

OAK GROVE VILLAGE

Lot #: A0E280605

Paul Jack, ESPM

TRW Automotive Inc
12025 Tech Center Drive
Livonia, MI 48150

TESTAMERICA LABORATORIES, INC.

Approved for release.
Denise Pohl
Project Manager
6/17/2010 3:14 PM

Denise Pohl
Project Manager
denise.pohl@testamericainc.com

June 17, 2010

Table of Contents

Case Narrative 2
Executive Summary 7
Analytical Method Summary 10
Sample Summary 12
Shipping and Receiving Documents 14
GC/MS Volatile Data 18
- QC Summary Data 19
- Sample Data 39
- Standard Data 132
- Raw QC Data 230
- Miscellaneous Data 297

Inorganic/Metals Data 302
- Forms Data 303
- Instrument Printouts 354
- Miscellaneous Data 468

General Chemistry Data 475
- Sample Data 476
- Supportive Raw Data 498

PITTSBURGH DATA 692
- Metals Data 698
  - *Results 699*
  - *Raw Data 742*

Total # of Pages in this Document 1121

CASE NARRATIVE

CASE NARRATIVE

A0E280605

The following report contains the analytical results for eight water samples and one quality control sample submitted to TestAmerica North Canton by TRW Automotive Inc. from the Oak Grove Village Site, project number KC001590.0003. The samples were received May 27, 2010, according to documented sample acceptance procedures.

The 6010B Field Filter Silica and Lithium analyses were performed at the TestAmerica Pittsburgh laboratory.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

All parameters were evaluated to the reporting limit.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise Pohl, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 3.4 and 3.7°C.

GC/MS VOLATILES

The matrix spike/matrix spike duplicate(s) for SW-WC1-201005251100 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample.

METALS

Serial dilution of a sample in this lot indicates that physical and chemical interferences were present. Refer to the sample report pages for the affected analytes flagged with "E".

GENERAL CHEMISTRY

The matrix spike/matrix spike duplicate(s) for batch(es) 0158342 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

It is TestAmerica policy to analyze all samples within holding times, but when they are received significantly later than their collection time, this cannot be guaranteed. Sample(s) SW-WC2-201005251200, SW-WC3-201005251300, and SW-WC4-201005251400 were received in the laboratory for Nitrate, Nitrite, and Orthophosphate Ion Chromatography with greater than 50% of the holding time expired. The samples were loaded on May 27, 2010, but due to capacity these three samples did not analyze until May 28, 2010. Results are reported.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

N:\QAQC\Customer Service\Narrative - Combined RCRA _CWA 032609.doc

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A0E280605

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SW-WC1-201005251100 05/25/10 11:00 001				
Strontium - DISSOLVED	49.5	10.0	ug/L	SW846 6020
Silica - DISSOLVED	4880	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	16700	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	6170	5000	ug/L	SW846 6010B
Manganese - DISSOLVED	44.2	15.0	ug/L	SW846 6010B
Sodium - DISSOLVED	15900	5000	ug/L	SW846 6010B
Dissolved Chloride	15.6	1.0	mg/L	SW846 9056A
Dissolved Nitrite	0.10	0.10	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved ortho-Phosphate	1.0	0.50	mg/L	SW846 9056A
Dissolved Sulfate	14.5	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	67.7	5.0	mg/L	SM18 2320 B
Total Phosphorus, Dissolved	0.24	0.10	mg/L	SM18 4500-P E
SW-WC2-201005251200 05/25/10 12:00 002				
Strontium - DISSOLVED	43.9	10.0	ug/L	SW846 6020
Silica - DISSOLVED	4390	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	13900	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	5010	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	11900	5000	ug/L	SW846 6010B
Dissolved Chloride	12.7	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved Sulfate	4.7	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	62.3	5.0	mg/L	SM18 2320 B
SW-WC3-201005251300 05/25/10 13:00 003				
Strontium - DISSOLVED	44.8	10.0	ug/L	SW846 6020
Silica - DISSOLVED	4830	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	14700	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	5280	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	12300	5000	ug/L	SW846 6010B
Dissolved Chloride	13.7	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved Sulfate	5.0	1.0	mg/L	SW846 9056A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0E280605

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SW-WC3-201005251300 05/25/10 13:00 003				
Bicarbonate Alkalinity	65.5	5.0	mg/L	SM18 2320 B
SW-WC4-201005251400 05/25/10 14:00 004				
Strontium - DISSOLVED	48.3	10.0	ug/L	SW846 6020
Silica - DISSOLVED	5000	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	15600	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	5590	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	12700	5000	ug/L	SW846 6010B
Dissolved Chloride	13.4	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved Sulfate	5.0	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	68.9	5.0	mg/L	SM18 2320 B
DUP01-20100525 05/25/10 005				
Strontium - DISSOLVED	43.4	10.0	ug/L	SW846 6020
Silica - DISSOLVED	4350	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	14100	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	5040	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	12000	5000	ug/L	SW846 6010B
Dissolved Chloride	12.7	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved ortho-Phosphate	0.50	0.50	mg/L	SW846 9056A
Dissolved Sulfate	4.7	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	62.5	5.0	mg/L	SM18 2320 B

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A0E280605

PARAMETER	ANALYTICAL METHOD
Ammonia Nitrogen	SM18 4500 NH3 E
Bicarbonate alkalinity	SM18 2320 B
Bromide	SW846 9056A
Carbonate Alkalinity	SM18 2320 B
Chloride	SW846 9056A
Fluoride	SW846 9056A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Nitrate as N	SW846 9056A
Nitrite as N	SW846 9056A
Phosphate, ortho as P	SW846 9056A
Phosphorus, All Forms, Ascorbic Acid	SM18 4500-P E
Sulfate	SW846 9056A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

A0E280605

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L1839	001	SW-WC1-201005251100	05/25/10	11:00
L184N	002	SW-WC2-201005251200	05/25/10	12:00
L184P	003	SW-WC3-201005251300	05/25/10	13:00
L184Q	004	SW-WC4-201005251400	05/25/10	14:00
L184T	005	DUP01-20100525	05/25/10	
L184W	006	SW-FC1-20100526	05/26/10	10:15
L184X	007	SW-FC2-20100526	05/26/10	11:00
L1840	008	SW-FC3-20100526	05/26/10	11:20
L1841	009	TB01-20100525	05/25/10	09:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING
AND
RECEIVING DOCUMENTS

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

15

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: ARCADIS	Client Project Manager: John Shanpelt	Site Contact: Wesley Massaro	Lab Contact: Denise Pohl
Address: 8725 Rosehill, Suite 350	Telephone: 913 492 0900 X	Telephone: 913 908 7687	Telephone: 330 966 9789
City/State/Zip: Lenexa, KS 66215	Email: John.Shanpelt@Arcadis-us.com		
Phone: 913-492-0900			
Project Name: Oak Grove Village	Method of Shipment/Carrier: Fedex		
Project Number: KC001590.0003	Shipping/Tracking No:		
PO #			

COC No: 1 of 1 COCs

Analysis Turnaround Time (in BUS days)
TAT if different from below _____
☐ 3 weeks
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No.:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: TCL VOCs	Metals	Silica, Li, St.	chloride / ions	Carb / Bicarb						Sample Specific Notes / Special Instructions:
SW-WC1-20100525 1100	5-25-10	1100		X				1	2	3			3				X	X	X	X	X						
SW-WC2-20100525 1200	↓	1200		↓				1	2	3			3				↓	↓	↓	↓	↓						
SW-WC3-20100525 1300		1300						1	2	3			3														
SW-WC4-20100525 1400		1400						1	2	3			3														
DUP01-20100525	↓	0000						1	2	3			3				↓	↓	↓	↓	↓						
SW-FC1-20100526	5-26-10	1015								3							X										
SW-FC2-20100526	↓	1100								3							X										
SW-FC3-20100526	↓	1120								3							X										
TB01-20100525	5-25-10	0900		↓						2							X										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Arcadis	5-26-2010 / 1245 (26 wom)			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TA	Date/Time: 5/27/10 915

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TAL-0018 (1008)

North Canton

AOE280605

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** ~~AOE280506~~
North Canton Facility

Client Arcadis Project Oak Grove Village By: Terry Burns
Cooler Received on 5/27/10 Opened on 5/27/10 (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 1 each Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☒
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

_____

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot# 121709-HNO_3; Sulfuric Acid Lot# 121709-H_2SO_4; Sodium Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-$(CH_3COO)_2ZN/NaOH$.* What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
WC 1	<2, <2, <2	5/27/10	JB
2	<2, <2, <2		
3	<2, <2, <2		
4	<2, <2, <2		
Dupo 1	<2, <2, <2		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
461 (South Jersey)	3.7°C	IR	wet ice
client cooler	3.4°C	↓	↓

Discrepancies Cont'd:

GCMS VOLATILE DATA

QC SUMMARY DATA

SW846 8260B SURROGATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Lot #: A0E280605

Extraction: XXI25QK01

	CLIENT ID.	SRG01	SRG02	SRG03	SRG04	TOT OUT
01	SW-WC1-201005251100	95	96	93	87	00
02	SW-WC2-201005251200	93	92	93	88	00
03	SW-WC3-201005251300	93	97	92	89	00
04	SW-WC4-201005251400	93	96	89	86	00
05	DUP01-20100525	98	97	91	87	00
06	SW-FC1-20100526	94	98	90	86	00
07	SW-FC2-20100526	96	97	92	86	00
08	SW-FC3-20100526	96	98	92	86	00
09	TB01-20100525	98	96	92	85	00
10	METHOD BLK. L2DW21AA	96	94	91	89	00
11	LCS L2DW21AC	96	92	92	91	00
12	SW-WC1-201005251100 D	92	90	89	89	00
13	LCSD L2DW21AD	96	93	96	94	00
14	SW-WC1-201005251100 S	93	91	89	90	00

SURROGATES		QC LIMITS
SRG01	= Dibromofluoromethane	(73-122)
SRG02	= 1,2-Dichloroethane-d4	(61-128)
SRG03	= Toluene-d8	(76-110)
SRG04	= 4-Bromofluorobenzene	(74-116)

\# Column to be used to flag recovery values
* Values outside of required QC Limits
D System monitoring Compound diluted out

FORM II

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Lot #: A0F030000 WO #: L2DW21AC
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Chloromethane	10	9.1	91	48- 123	
Bromomethane	10	9.4	94	64- 129	
Vinyl chloride	10	9.4	94	61- 120	
Chloroethane	10	8.8	88	66- 126	
Methylene chloride	10	10	101	78- 118	
Acetone	20	18	91	22- 200	
Carbon disulfide	10	10	104	73- 139	
1,1-Dichloroethene	10	10	104	63- 130	
1,1-Dichloroethane	10	9.8	98	86- 123	
1,2-Dichloroethene (total	20	20	99	82- 116	
Chloroform	10	9.7	97	84- 128	
1,2-Dichloroethane	10	9.4	94	79- 136	
2-Butanone	20	20	98	28- 237	
1,1,1-Trichloroethane	10	9.4	94	78- 140	
Carbon tetrachloride	10	9.2	92	75- 149	
Bromodichloromethane	10	9.0	90	87- 130	
1,2-Dichloropropane	10	9.6	96	82- 115	
cis-1,3-Dichloropropene	10	7.9	79*	84- 130	a
Trichloroethene	10	9.5	95	75- 122	
Dibromochloromethane	10	7.7	77*	81- 138	a
1,1,2-Trichloroethane	10	8.6	86	83- 122	
Benzene	10	9.6	96	80- 116	
trans-1,3-Dichloropropene	10	7.4	74*	84- 130	a
Bromoform	10	6.9	69*	76- 150	a
4-Methyl-2-pentanone	20	17	86	78- 141	
2-Hexanone	20	17	84	35- 200	
Tetrachloroethene	10	9.1	91	88- 113	
1,1,2,2-Tetrachloroethane	10	8.3	83*	85- 118	a
Toluene	10	9.2	92	74- 119	
Chlorobenzene	10	9.5	95	76- 117	
Ethylbenzene	10	9.2	92	86- 116	

(Continued on next page)

SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Lot #: A0F030000 WO #: L2DW21AC
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Styrene	10	8.9	89	85- 117	
Xylenes (total)	30	28	95	87- 116	
cis-1,2-Dichloroethene	10	9.6	96	85- 113	
trans-1,2-Dichloroethene	10	10	102	80- 120	
Dichlorodifluoromethane	10	6.1	61*	70- 130	a
Trichlorofluoromethane	10	12	122	70- 130	
1,1,2-Trichloro-1,2,2-tri	10	12	117	70- 130	
Methyl acetate	10	9.3	93	70- 130	
Methyl tert-butyl ether (	10	12	116	70- 130	
Cyclohexane	10	8.4	84	70- 130	
Methylcyclohexane	10	8.9	89	70- 130	
1,2-Dibromoethane	10	8.9	89	70- 130	
Isopropylbenzene	10	9.3	93	70- 130	
1,3-Dichlorobenzene	10	9.1	91	70- 130	
1,4-Dichlorobenzene	10	9.3	93	70- 130	
1,2-Dichlorobenzene	10	9.3	93	70- 130	
1,2-Dibromo-3-chloropropa	10	7.4	74	70- 130	
1,2,4-Trichlorobenzene	10	9.0	90	70- 130	
Methyl tert-butyl ether	10	12	116	70- 130	
n-Hexane	10	9.6	96	70- 130	
o-Xylene	10	9.5	95	70- 130	
m-Xylene & p-Xylene	20	19	94	70- 130	
2-Chloroethyl vinyl ether	10	8.2	82	70- 130	
Acetonitrile	30	39	129	50- 130	
Acrolein	30	36	121	50- 130	
Vinyl acetate	10	10	103	70- 130	
Acrylonitrile	30	31	102	50- 130	
Bromobenzene	10	8.4	84	70- 130	
Bromochloromethane	10	10	100	70- 130	
n-Butylbenzene	10	9.1	91	70- 130	
sec-Butylbenzene	10	8.6	86	70- 130	

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SW846 8260B CHECK SAMPLE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Lot #: A0F030000 WO #: L2DW21AC
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
tert-Butylbenzene	10	9.0	90	70- 130	
2-Chlorotoluene	10	8.9	89	70- 130	
4-Chlorotoluene	10	8.9	89	70- 130	
Dibromomethane	10	9.6	96	70- 130	
1,3-Dichloropropane	10	8.6	86	70- 130	
2,2-Dichloropropane	10	9.2	92	70- 130	
1,1-Dichloropropene	10	9.3	93	70- 130	
Hexachlorobutadiene	10	9.0	90	70- 130	
Iodomethane	10	11	109	70- 130	
Isopropyl ether	10	9.3	93	70- 130	
p-Isopropyltoluene	10	9.2	92	70- 130	
Naphthalene	10	7.9	79	70- 130	
n-Propylbenzene	10	8.8	88	70- 130	
1,1,1,2-Tetrachloroethane	10	9.3	93	70- 130	
1,2,3-Trichlorobenzene	10	8.4	84	70- 130	
1,2,3-Trichloropropane	10	9.1	91	70- 130	
1,2,4-Trimethylbenzene	10	9.1	91	70- 130	
1,3,5-Trimethylbenzene	10	8.6	86	70- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 6 out of 80 outside limits

COMMENTS:

FORM III

SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Lot #: A0F030000 WO #: L2DW21AD
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Chloromethane	10	8.2	82	48- 123	
Bromomethane	10	8.5	85	64- 129	
Vinyl chloride	10	9.2	92	61- 120	
Chloroethane	10	7.8	78	66- 126	
Methylene chloride	10	9.6	96	78- 118	
Acetone	20	19	96	22- 200	
Carbon disulfide	10	10	103	73- 139	
1,1-Dichloroethene	10	10	103	63- 130	
1,1-Dichloroethane	10	9.4	94	86- 123	
1,2-Dichloroethene (total	20	19	94	82- 116	
Chloroform	10	9.4	94	84- 128	
1,2-Dichloroethane	10	9.1	91	79- 136	
2-Butanone	20	19	97	28- 237	
1,1,1-Trichloroethane	10	9.4	94	78- 140	
Carbon tetrachloride	10	9.2	92	75- 149	
Bromodichloromethane	10	8.8	88	87- 130	
1,2-Dichloropropane	10	9.2	92	82- 115	
cis-1,3-Dichloropropene	10	7.5	75*	84- 130	a
Trichloroethene	10	9.4	94	75- 122	
Dibromochloromethane	10	7.6	76*	81- 138	a
1,1,2-Trichloroethane	10	9.1	91	83- 122	
Benzene	10	9.3	93	80- 116	
trans-1,3-Dichloropropene	10	7.5	75*	84- 130	a
Bromoform	10	7.0	70*	76- 150	a
4-Methyl-2-pentanone	20	17	86	78- 141	
2-Hexanone	20	17	86	35- 200	
Tetrachloroethene	10	9.3	93	88- 113	
1,1,2,2-Tetrachloroethane	10	8.2	82*	85- 118	a
Toluene	10	9.0	90	74- 119	
Chlorobenzene	10	9.2	92	76- 117	
Ethylbenzene	10	9.0	90	86- 116	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Lot #: A0F030000 WO #: L2DW21AD
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
Styrene	10	8.8	88	85- 117	
Xylenes (total)	30	28	94	87- 116	
cis-1,2-Dichloroethene	10	9.1	91	85- 113	
trans-1,2-Dichloroethene	10	9.7	97	80- 120	
Dichlorodifluoromethane	10	6.7	67*	70- 130	a
Trichlorofluoromethane	10	13	126	70- 130	
1,1,2-Trichloro-1,2,2-tri	10	13	133*	70- 130	a
Methyl acetate	10	9.3	93	70- 130	
Methyl tert-butyl ether (	10	11	112	70- 130	
Cyclohexane	10	9.2	92	70- 130	
Methylcyclohexane	10	10	103	70- 130	
1,2-Dibromoethane	10	8.8	88	70- 130	
Isopropylbenzene	10	9.3	93	70- 130	
1,3-Dichlorobenzene	10	8.8	88	70- 130	
1,4-Dichlorobenzene	10	8.8	88	70- 130	
1,2-Dichlorobenzene	10	8.9	89	70- 130	
1,2-Dibromo-3-chloropropa	10	7.1	71	70- 130	
1,2,4-Trichlorobenzene	10	8.8	88	70- 130	
Methyl tert-butyl ether	10	11	112	70- 130	
n-Hexane	10	11	113	70- 130	
o-Xylene	10	9.3	93	70- 130	
m-Xylene & p-Xylene	20	19	94	70- 130	
2-Chloroethyl vinyl ether	10	8.1	81	70- 130	
Acetonitrile	30	37	122	50- 130	
Acrolein	30	36	121	50- 130	
Vinyl acetate	10	10	102	70- 130	
Acrylonitrile	30	31	102	50- 130	
Bromobenzene	10	8.1	81	70- 130	
Bromochloromethane	10	9.3	93	70- 130	
n-Butylbenzene	10	8.8	88	70- 130	
sec-Butylbenzene	10	8.6	86	70- 130	

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SW846 8260B CHECK SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Lot #: A0F030000 WO #: L2DW21AD
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	% REC	QC LIMITS REC	QUAL
tert-Butylbenzene	10	8.7	87	70- 130	
2-Chlorotoluene	10	8.7	87	70- 130	
4-Chlorotoluene	10	8.4	84	70- 130	
Dibromomethane	10	9.3	93	70- 130	
1,3-Dichloropropane	10	8.8	88	70- 130	
2,2-Dichloropropane	10	9.0	90	70- 130	
1,1-Dichloropropene	10	9.5	95	70- 130	
Hexachlorobutadiene	10	8.5	85	70- 130	
Iodomethane	10	10	105	70- 130	
Isopropyl ether	10	8.7	87	70- 130	
p-Isopropyltoluene	10	9.0	90	70- 130	
Naphthalene	10	8.1	81	70- 130	
n-Propylbenzene	10	8.5	85	70- 130	
1,1,1,2-Tetrachloroethane	10	9.1	91	70- 130	
1,2,3-Trichlorobenzene	10	8.4	84	70- 130	
1,2,3-Trichloropropane	10	9.0	90	70- 130	
1,2,4-Trimethylbenzene	10	8.7	87	70- 130	
1,3,5-Trimethylbenzene	10	8.4	84	70- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

* Values outside of QC limits

Spike Recovery: 7 out of 80 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Matrix Spike ID: SW-WC1-201005251100

Lot #: A0E280605 WO #: L18391DG
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
1,1-Dichloroethene	10	ND	9.8	98	62- 130	
Chloromethane	10	ND	8.2	82	40- 137	
Bromomethane	10	ND	7.7	77	55- 145	
Vinyl chloride	10	ND	8.7	87*	88- 126	a
Chloroethane	10	ND	7.7	77	59- 142	
Methylene chloride	10	ND	9.1	91	82- 115	
Acetone	20	ND	25	94	45- 128	
Carbon disulfide	10	ND	9.4	94	69- 138	
1,1-Dichloroethane	10	ND	8.9	89	88- 127	
1,2-Dichloroethene (total	20	ND	18	89	86- 115	
Chloroform	10	ND	8.8	88	83- 141	
1,2-Dichloroethane	10	ND	9.0	90	71- 160	
2-Butanone	20	ND	22	100	71- 123	
1,1,1-Trichloroethane	10	ND	8.6	86	71- 162	
Carbon tetrachloride	10	ND	8.2	82	63- 176	
Bromodichloromethane	10	ND	8.4	84	80- 146	
1,2-Dichloropropane	10	ND	9.0	90	87- 114	
cis-1,3-Dichloropropene	10	ND	7.3	73*	82- 130	a
Trichloroethene	10	ND	8.9	89	62- 130	
Dibromochloromethane	10	ND	7.2	72	71- 158	
1,1,2-Trichloroethane	10	ND	8.8	88	86- 129	
Benzene	10	ND	9.0	90	78- 118	
trans-1,3-Dichloropropene	10	ND	6.9	69*	73- 147	a
Bromoform	10	ND	6.7	67	58- 176	
4-Methyl-2-pentanone	20	ND	17	87	82- 135	
2-Hexanone	20	ND	17	83	81- 128	
Tetrachloroethene	10	ND	8.4	84*	85- 121	a
1,1,2,2-Tetrachloroethane	10	ND	8.2	82*	88- 116	a

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Matrix Spike ID: SW-WC1-201005251100

Lot #: A0E280605 WO #: L18391DG
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Toluene	10	ND	8.4	84	70- 119	
Chlorobenzene	10	ND	8.6	86	76- 117	
Ethylbenzene	10	ND	8.5	85*	86- 132	a
Styrene	10	ND	8.1	81*	83- 120	a
Xylenes (total)	30	ND	26	85*	89- 121	a
cis-1,2-Dichloroethene	10	ND	8.8	88	87- 114	
trans-1,2-Dichloroethene	10	ND	9.1	91	85- 116	
Dichlorodifluoromethane	10	ND	5.1	51*	70- 130	a
Trichlorofluoromethane	10	ND	11	108	70- 130	
1,1,2-Trichloro-1,2,2-tri	10	ND	10	104	70- 130	
Methyl acetate	10	ND	7.9	79	70- 130	
Methyl tert-butyl ether (	10	ND	11	109	70- 130	
Cyclohexane	10	ND	7.7	77	70- 130	
Methylcyclohexane	10	ND	8.2	82	70- 130	
1,2-Dibromoethane	10	ND	8.6	86	70- 130	
Isopropylbenzene	10	ND	8.2	82	70- 130	
1,3-Dichlorobenzene	10	ND	8.2	82	70- 130	
1,4-Dichlorobenzene	10	ND	8.5	85	70- 130	
1,2-Dichlorobenzene	10	ND	8.5	85	70- 130	
1,2-Dibromo-3-chloropropa	10	ND	6.6	66*	70- 130	a
1,2,4-Trichlorobenzene	10	ND	7.6	76	70- 130	
Methyl tert-butyl ether	10	ND	11	109	70- 130	
n-Hexane	10	ND	8.8	88	70- 130	
o-Xylene	10	ND	8.6	86	70- 130	
m-Xylene & p-Xylene	20	ND	17	85	70- 130	
2-Chloroethyl vinyl ether	10	ND	0.0	0*	70- 130	a
Acetonitrile	30	ND	37	124	50- 130	
Acrolein	30	ND	31	104	50- 130	

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Matrix Spike ID: SW-WC1-201005251100

Lot #: A0E280605 WO #: L18391DG
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENT. (ug/L)	MS CONCENT. (ug/L)	MS % REC	LIMITS REC	QUAL
Acrylonitrile	30	ND	30	99	50- 130	
Vinyl acetate	10	ND	9.0	90	70- 130	
Bromobenzene	10	ND	8.0	80	70- 130	
Bromochloromethane	10	ND	9.2	92	70- 130	
n-Butylbenzene	10	ND	7.5	75	70- 130	
sec-Butylbenzene	10	ND	7.7	77	70- 130	
tert-Butylbenzene	10	ND	8.1	81	70- 130	
2-Chlorotoluene	10	ND	8.0	80	70- 130	
4-Chlorotoluene	10	ND	8.0	80	70- 130	
Dibromomethane	10	ND	9.1	91	70- 130	
1,3-Dichloropropane	10	ND	8.5	85	70- 130	
2,2-Dichloropropane	10	ND	6.9	69*	70- 130	a
1,1-Dichloropropene	10	ND	8.8	88	70- 130	
Hexachlorobutadiene	10	ND	6.4	64*	70- 130	a
Iodomethane	10	ND	9.9	99	70- 130	
Isopropyl ether	10	ND	8.7	87	70- 130	
p-Isopropyltoluene	10	ND	8.0	80	70- 130	
Naphthalene	10	ND	7.3	73	70- 130	
n-Propylbenzene	10	ND	7.8	78	70- 130	
1,1,1,2-Tetrachloroethane	10	ND	8.4	84	70- 130	
1,2,3-Trichlorobenzene	10	ND	7.6	76	70- 130	
1,2,3-Trichloropropane	10	ND	8.9	89	70- 130	
1,2,4-Trimethylbenzene	10	ND	8.2	82	70- 130	
1,3,5-Trimethylbenzene	10	ND	7.6	76	70- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 0 outside limits
Spike Recovery: 13 out of 80 outside limits

COMMENTS:

FORM III

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Matrix Spike ID: SW-WC1-201005251100

Lot #: A0E280605 WO #: L18391DH
BATCH: 0154141

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENT. (ug/L)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
1,1-Dichloroethene	10	10	100	2.7	20	62- 130	
Chloromethane	10	8.9	89	7.7	39	40- 137	
Bromomethane	10	9.2	92	18	30	55- 145	
Vinyl chloride	10	9.4	94	8.2	30	88- 126	
Chloroethane	10	8.6	86	11	30	59- 142	
Methylene chloride	10	9.4	94	3.4	30	82- 115	
Acetone	20	26	98	3.2	30	45- 128	
Carbon disulfide	10	9.9	99	4.4	41	69- 138	
1,1-Dichloroethane	10	9.2	92	3.3	30	88- 127	
1,2-Dichloroethene (total	20	19	93	4.3	30	86- 115	
Chloroform	10	9.2	92	5.4	30	83- 141	
1,2-Dichloroethane	10	9.3	93	4.1	30	71- 160	
2-Butanone	20	22	102	1.3	30	71- 123	
1,1,1-Trichloroethane	10	9.1	91	6.1	30	71- 162	
Carbon tetrachloride	10	8.8	88	6.4	30	63- 176	
Bromodichloromethane	10	9.0	90	6.8	30	80- 146	
1,2-Dichloropropane	10	9.6	96	6.5	30	87- 114	
cis-1,3-Dichloropropene	10	7.8	78*	6.2	30	82- 130	a
Trichloroethene	10	9.2	92	3.4	20	62- 130	
Dibromochloromethane	10	7.5	75	4.6	30	71- 158	
1,1,2-Trichloroethane	10	8.9	89	0.46	30	86- 129	
Benzene	10	9.4	94	4.7	20	78- 118	
trans-1,3-Dichloropropene	10	7.3	73	5.6	30	73- 147	
Bromoform	10	7.2	72	6.6	30	58- 176	
4-Methyl-2-pentanone	20	18	89	2.9	30	82- 135	
2-Hexanone	20	17	87	4.3	30	81- 128	
Tetrachloroethene	10	9.0	90	6.6	30	85- 121	
1,1,2,2-Tetrachloroethane	10	8.4	84*	2.0	30	88- 116	a

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SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Matrix Spike ID: SW-WC1-201005251100

Lot #: A0E280605 WO #: L18391DH
BATCH: 0154141

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Toluene	10	8.9	89	5.9	20	70- 119	
Chlorobenzene	10	9.1	91	5.0	20	76- 117	
Ethylbenzene	10	8.6	86	1.8	30	86- 132	
Styrene	10	8.8	88	7.3	30	83- 120	
Xylenes (total)	30	27	90	5.8	30	89- 121	
cis-1,2-Dichloroethene	10	9.2	92	4.4	30	87- 114	
trans-1,2-Dichloroethene	10	9.5	95	4.2	30	85- 116	
Dichlorodifluoromethane	10	5.1	51*	1.2	30	70- 130	a
Trichlorofluoromethane	10	12	116	7.4	30	70- 130	
1,1,2-Trichloro-1,2,2-tri	10	11	106	1.9	30	70- 130	
Methyl acetate	10	8.2	82	2.7	30	70- 130	
Methyl tert-butyl ether (	10	11	113	3.2	30	70- 130	
Cyclohexane	10	7.5	75	2.4	30	70- 130	
Methylcyclohexane	10	7.6	76	7.1	30	70- 130	
1,2-Dibromoethane	10	8.9	89	2.9	30	70- 130	
Isopropylbenzene	10	8.9	89	7.9	30	70- 130	
1,3-Dichlorobenzene	10	8.5	85	3.4	30	70- 130	
1,4-Dichlorobenzene	10	8.7	87	3.2	30	70- 130	
1,2-Dichlorobenzene	10	8.9	89	4.9	30	70- 130	
1,2-Dibromo-3-chloropropa	10	6.8	68*	2.9	30	70- 130	a
1,2,4-Trichlorobenzene	10	8.0	80	5.3	30	70- 130	
Methyl tert-butyl ether	10	11	113	3.2	30	70- 130	
n-Hexane	10	7.7	77	14	30	70- 130	
o-Xylene	10	9.1	91	5.9	30	70- 130	
m-Xylene & p-Xylene	20	18	90	5.8	30	70- 130	
2-Chloroethyl vinyl ether	10	0.0	0*	0.0	30	70- 130	a
Acetonitrile	30	39	129	4.1	30	50- 130	
Acrolein	30	33	111	6.9	30	50- 130	

(Continued on next page)

SW846 8260B MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Laboratories, Inc. Client: TRW Automotive

Lab Code: TALCAN SDG No:

Matrix Spike ID: SW-WC1-201005251100

Lot #: A0E280605 WO #: L18391DH
BATCH: 0154141

COMPOUND	SPIKE ADDED	MSD CONCENT.	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	QUAL
Acrylonitrile	30	31	103	3.8	30	50- 130	
Vinyl acetate	10	9.7	97	7.2	30	70- 130	
Bromobenzene	10	8.5	85	7.0	30	70- 130	
Bromochloromethane	10	9.5	95	3.7	30	70- 130	
n-Butylbenzene	10	8.1	81	7.6	30	70- 130	
sec-Butylbenzene	10	8.1	81	5.9	30	70- 130	
tert-Butylbenzene	10	8.6	86	6.3	30	70- 130	
2-Chlorotoluene	10	8.1	81	1.1	30	70- 130	
4-Chlorotoluene	10	8.4	84	5.0	30	70- 130	
Dibromomethane	10	9.7	97	5.6	30	70- 130	
1,3-Dichloropropane	10	8.8	88	3.6	30	70- 130	
2,2-Dichloropropane	10	7.4	74	7.7	30	70- 130	
1,1-Dichloropropene	10	9.1	91	2.9	30	70- 130	
Hexachlorobutadiene	10	6.8	68*	5.9	30	70- 130	a
Iodomethane	10	10	104	4.8	30	70- 130	
Isopropyl ether	10	9.1	91	4.5	30	70- 130	
p-Isopropyltoluene	10	8.5	85	6.3	30	70- 130	
Naphthalene	10	7.4	74	0.42	30	70- 130	
n-Propylbenzene	10	8.0	80	3.1	30	70- 130	
1,1,1,2-Tetrachloroethane	10	8.9	89	5.6	30	70- 130	
1,2,3-Trichlorobenzene	10	7.5	75	0.64	30	70- 130	
1,2,3-Trichloropropane	10	9.1	91	2.4	30	70- 130	
1,2,4-Trimethylbenzene	10	8.7	87	6.3	30	70- 130	
1,3,5-Trimethylbenzene	10	8.1	81	5.8	30	70- 130	

NOTES(S):

a Spiked analyte recovery is outside stated control limits.

Column to be used to flag recovery and RPD values with an asterisk
* Values outside of QC limits

RPD: 0 out of 80 outside limits
Spike Recovery: 6 out of 80 outside limits

COMMENTS:

FORM III

BLANK WORKORDER NO.

L2DW21AA

SW846 8260B METHOD BLANK SUMMARY

Lab Name: TestAmerica Laboratories, Inc.

Lab Code: TALCAN

SDG Number:

Lab File ID: UXC9105.D

Lot Number: A0E280605

Date Analyzed: 06/02/10

Time Analyzed: 15:41

Matrix: WATER

Date Extracted: 06/02/10

GC Column: DB624 ID: .18

Extraction Method: 5030B

Instrument ID: UX15

Level: (low/med) LOW

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, LCS, LCSD, MS , MSD:

	CLIENT ID.	SAMPLE WORK ORDER #	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SW-WC1-201005251100	L18391AA	UXC9112.D	06/02/10	18:32
02	SW-WC1-201005251100	L18391DG S	UXC9128.D	06/03/10	01:02
03	SW-WC1-201005251100	L18391DH D	UXC9129.D	06/03/10	01:26
04	SW-WC2-201005251200	L184N1AJ	UXC9111.D	06/02/10	18:08
05	SW-WC3-201005251300	L184P1AJ	UXC9113.D	06/02/10	18:57
06	SW-WC4-201005251400	L184Q1AJ	UXC9114.D	06/02/10	19:22
07	DUP01-20100525	L184T1AJ	UXC9115.D	06/02/10	19:46
08	SW-FC1-20100526	L184W1AA	UXC9116.D	06/02/10	20:10
09	SW-FC2-20100526	L184X1AA	UXC9117.D	06/02/10	20:34
10	SW-FC3-20100526	L18401AA	UXC9118.D	06/02/10	20:59
11	TB01-20100525	L18411AJ	UXC9119.D	06/02/10	21:23
12	CHECK SAMPLE	L2DW21AC C	UXC9103.D	06/02/10	14:53
13	DUPLICATE CHECK	L2DW21AD L	UXC9104.D	06/02/10	15:17
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

COMMENTS:

FORM IV

5A
VOLATILE ORGANIC GC/MS TUNING AND MASS
CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TEST AMERICA - NORTH CANT Contract:

Lab Code: TACANTON Case No.: SAS No.: SDG No.: A0E280605V

Lab File ID: BFB407 BFB Injection Date: 05/17/10

Instrument ID: A3UX15 BFB Injection Time: 0731

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.7
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	6.1
173	Less than 2.0% of mass 174	0.7 (0.8)1
174	50.0 - 100.0% of mass 95	81.3
175	5.0 - 9.0% of mass 174	5.6 (7.0)1
176	Greater than 95.0%, but less than 101.0% of mass 174	79.2 (97.5)1
177	5.0 - 9.0% of mass 176	5.1 (6.4)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD040	200NG-IC	UXC8589	05/17/10	0817
02	VSTD020	100NG-IC	UXC8590	05/17/10	0842
03	VSTD010	50NG-IC	UXC8591	05/17/10	0907
04	VSTD005	25NG-IC	UXC8592	05/17/10	0931
05	VSTD002	10NG-IC	UXC8593	05/17/10	0955
06	VSTD001	5NG-IC	UXC8594	05/17/10	1019
07	VSTD040	200NG-A9IC	UXC8596	05/17/10	1108
08	VSTD020	100NG-A9IC	UXC8597	05/17/10	1132
09	VSTD010	50NG-A9IC	UXC8598	05/17/10	1157
10	VSTD005	25NG-A9IC	UXC8599	05/17/10	1221
11	VSTD002	10NG-A9IC	UXC8600	05/17/10	1246
12	VSTD001	5NG-A9IC	UXC8601	05/17/10	1310
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

5A
VOLATILE ORGANIC GC/MS TUNING AND MASS
CALIBRATION - BROMOFLUOROBENZENE (BFB)

Lab Name: TEST AMERICA - NORTH CANT Contract:

Lab Code: TACANTON Case No.: SAS No.: SDG No.: A0E280605V

Lab File ID: BFB426 BFB Injection Date: 06/02/10

Instrument ID: A3UX15 BFB Injection Time: 1337

Matrix:(soil/water) WATER Level:(low/med) LOW Column:(pack/cap) CAP

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	26.3
75	30.0 - 60.0% of mass 95	48.0
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (0.8)1
174	50.0 - 100.0% of mass 95	85.0
175	5.0 - 9.0% of mass 174	5.9 (6.9)1
176	Greater than 95.0%, but less than 101.0% of mass 174	82.3 (96.7)1
177	5.0 - 9.0% of mass 176	5.2 (6.3)2

1-Value is % of mass 174 2-Value is % of mass 176

THIS TUNE APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD010	50NG-CC	UXC9101	06/02/10	1403
02	VSTD010	50NG-A9CC	UXC9102	06/02/10	1428
03	L2DW2CHK	L2DW21AC	UXC9103	06/02/10	1453
04	L2DW2CHKDUP	L2DW21AD	UXC9104	06/02/10	1517
05	L2DW2BLK	L2DW21AA	UXC9105	06/02/10	1541
06	SW-WC2-20100	L184N1AJ	UXC9111	06/02/10	1808
07	SW-WC1-20100	L18391AA	UXC9112	06/02/10	1832
08	SW-WC3-20100	L184P1AJ	UXC9113	06/02/10	1857
09	SW-WC4-20100	L184Q1AJ	UXC9114	06/02/10	1922
10	DUP01-201005	L184T1AJ	UXC9115	06/02/10	1946
11	SW-FC1-20100	L184W1AA	UXC9116	06/02/10	2010
12	SW-FC2-20100	L184X1AA	UXC9117	06/02/10	2034
13	SW-FC3-20100	L18401AA	UXC9118	06/02/10	2059
14	TB01-2010052	L18411AJ	UXC9119	06/02/10	2123
15	SW-WC1-20100	L18391DG	UXC9128	06/03/10	0102
16	SW-WC1-20100	L18391DH	UXC9129	06/03/10	0126
17					
18					
19					
20					
21					
22					

8A
VOLATILE INTERNAL STANDARD AREA SUMMARY

Lab Name: TEST AMERICA - NORTH CANT Contract:

Lab Code: TACANTON Case No.: SAS No.: SDG No.: A0E280605V

Lab File ID (Standard): UXC9101 Date Analyzed: 06/02/10

Instrument ID: A3UX15 Time Analyzed: 1403

Matrix: (soil/water) WATER Level: (low/med) LOW Column: (pack/cap) CAP

		IS1 AREA #	RT	IS2 (CBZ) AREA #	RT	IS3 (DCB) AREA #	RT
	12 HOUR STD	758824	6.72	528668	9.44	304645	11.40
	UPPER LIMIT	1517648	7.22	1057336	9.94	609290	11.90
	LOWER LIMIT	379412	6.22	264334	8.94	152323	10.90
	EPA SAMPLE NO.						
01	L2DW2CHK	757546	6.72	521291	9.44	298784	11.40
02	L2DW2CHKDUP	764422	6.72	512433	9.44	291999	11.40
03	L2DW2BLK	724141	6.72	495249	9.44	270971	11.40
04	SW-WC2-20100	758344	6.72	511309	9.44	282611	11.40
05	SW-WC1-20100	737744	6.72	490322	9.44	265317	11.40
06	SW-WC3-20100	721193	6.72	489413	9.44	265777	11.40
07	SW-WC4-20100	722947	6.72	499083	9.44	278885	11.40
08	DUP01-201005	716097	6.72	482717	9.44	258899	11.40
09	SW-FC1-20100	720677	6.72	490027	9.44	264736	11.40
10	SW-FC2-20100	702507	6.72	489414	9.44	266340	11.40
11	SW-FC3-20100	695523	6.72	460544	9.44	251262	11.40
12	TB01-2010052	690287	6.72	449567	9.44	242099	11.40
13	SW-WC1-20100	796484	6.72	560678	9.44	314275	11.40
14	SW-WC1-20100	792615	6.72	559512	9.44	324820	11.40
15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

UPPER LIMIT = +100% of internal standard area.
LOWER LIMIT = - 50% of internal standard area.

Column used to flag internal standard area values with an asterisk.

FORM VIII VOA 1/87 Rev.

SAMPLE DATA

TRW Automotive

Client Sample ID: SW-WC1-201005251100

GC/MS Volatiles

Lot-Sample #...: A0E280605-001 **Work Order #...:** L18391AA **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: SW-WC1-201005251100

GC/MS Volatiles

Lot-Sample #...: A0E280605-001 **Work Order #...:** L18391AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9112.D
Report Date: 03-Jun-2010 10:35

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9112.D
Lab Smp Id: L18391AA Client Smp ID: SW-WC1-201005251100
Inj Date : 02-JUN-2010 18:32
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L18391AA,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	737744	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	490322	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	265317	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	190844	47.3225	9.464
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	256890	47.8310	9.566
$ 6 Toluene-d8	98	8.190	8.190	(0.868)	698449	46.5697	9.314
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	229866	43.7170	8.743
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	3.091	3.079	(0.460)	54485	30.4635	6.093
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9112.D
Report Date: 03-Jun-2010 10:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	5.522	5.522	(0.822)	15033	9.01138	1.802
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9112.D
Report Date: 03-Jun-2010 10:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9112.D
Report Date: 03-Jun-2010 10:35

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC9112.D
Lab Smp Id: L18391AA
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Client Smp ID: SW-WC1-201005251100
Level: LOW
Sample Type: WATER

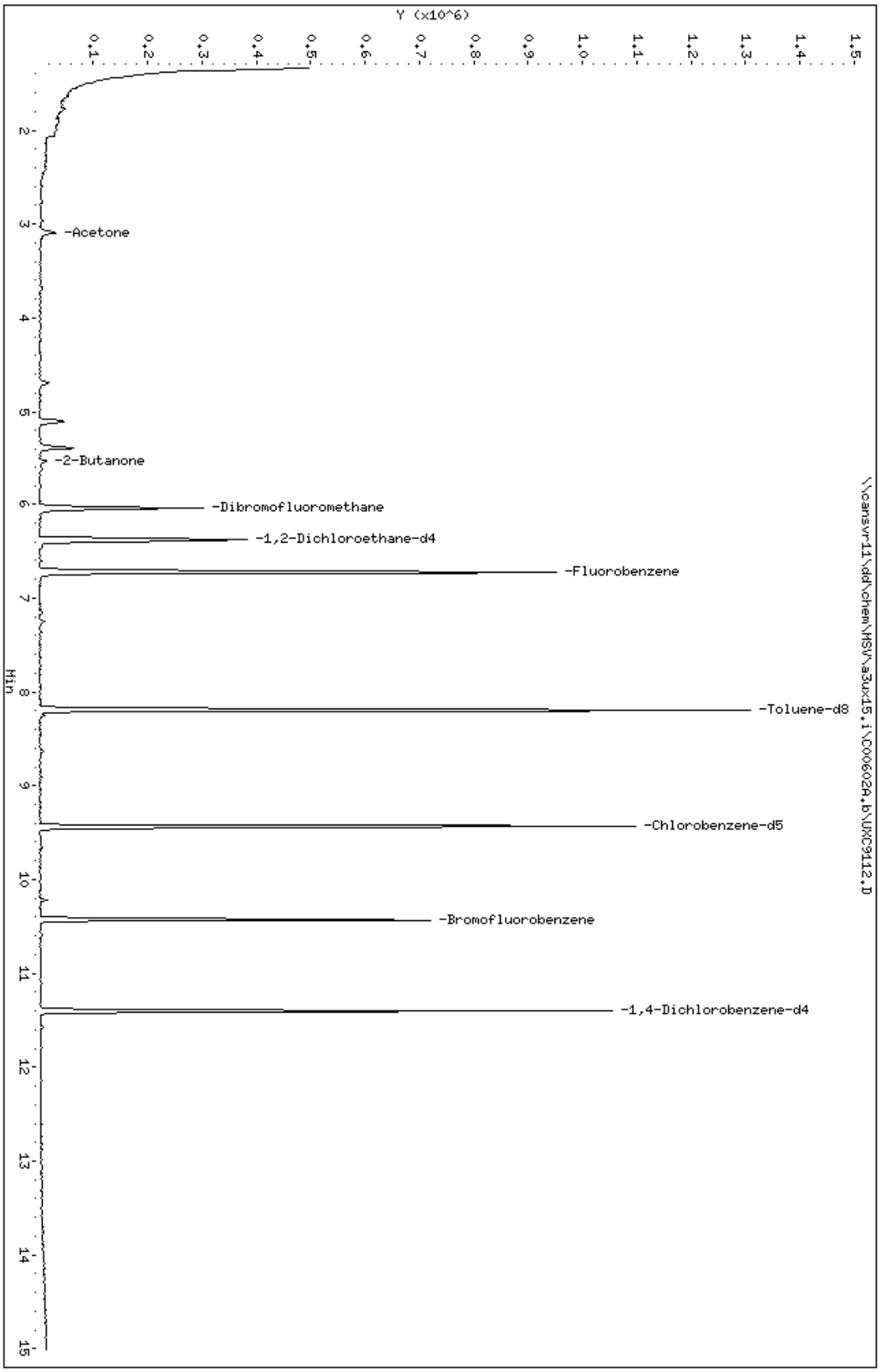
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	737744	-2.78
2 Chlorobenzene-d5	528668	264334	1057336	490322	-7.25
3 1,4-Dichlorobenze	304645	152323	609290	265317	-12.91

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9112.D
Date : 02-JUN-2010 18:32
Client ID: SW-WC1-20100525110O
Sample Info: L18391AA,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18



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Date : 02-JUN-2010 18:32

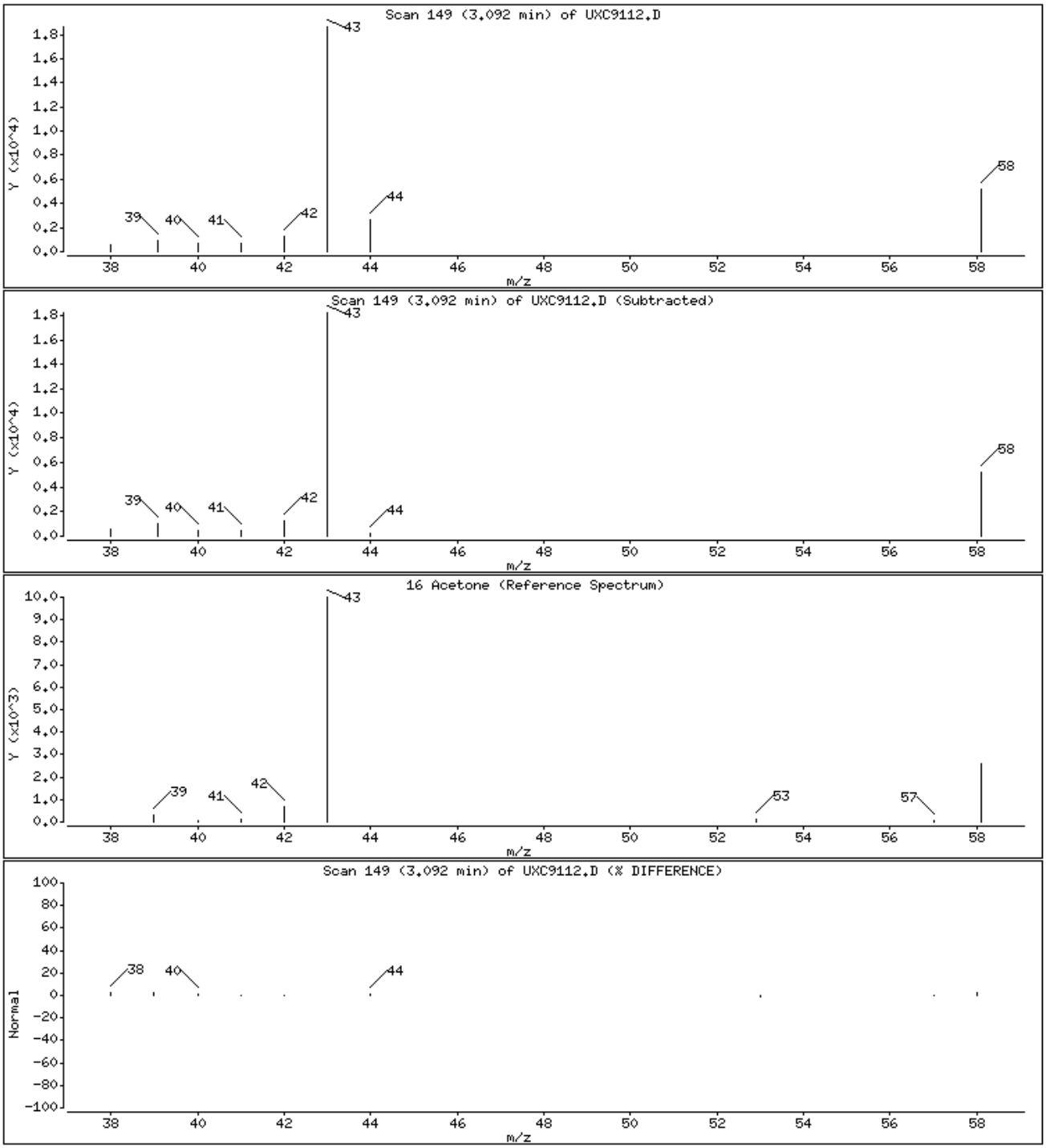
Client ID: SW-WC1-201005251100 Instrument: a3ux15.i

Sample Info: L18391AA,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

16 Acetone Concentration: 6.093 ug/L



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Date : 02-JUN-2010 18:32

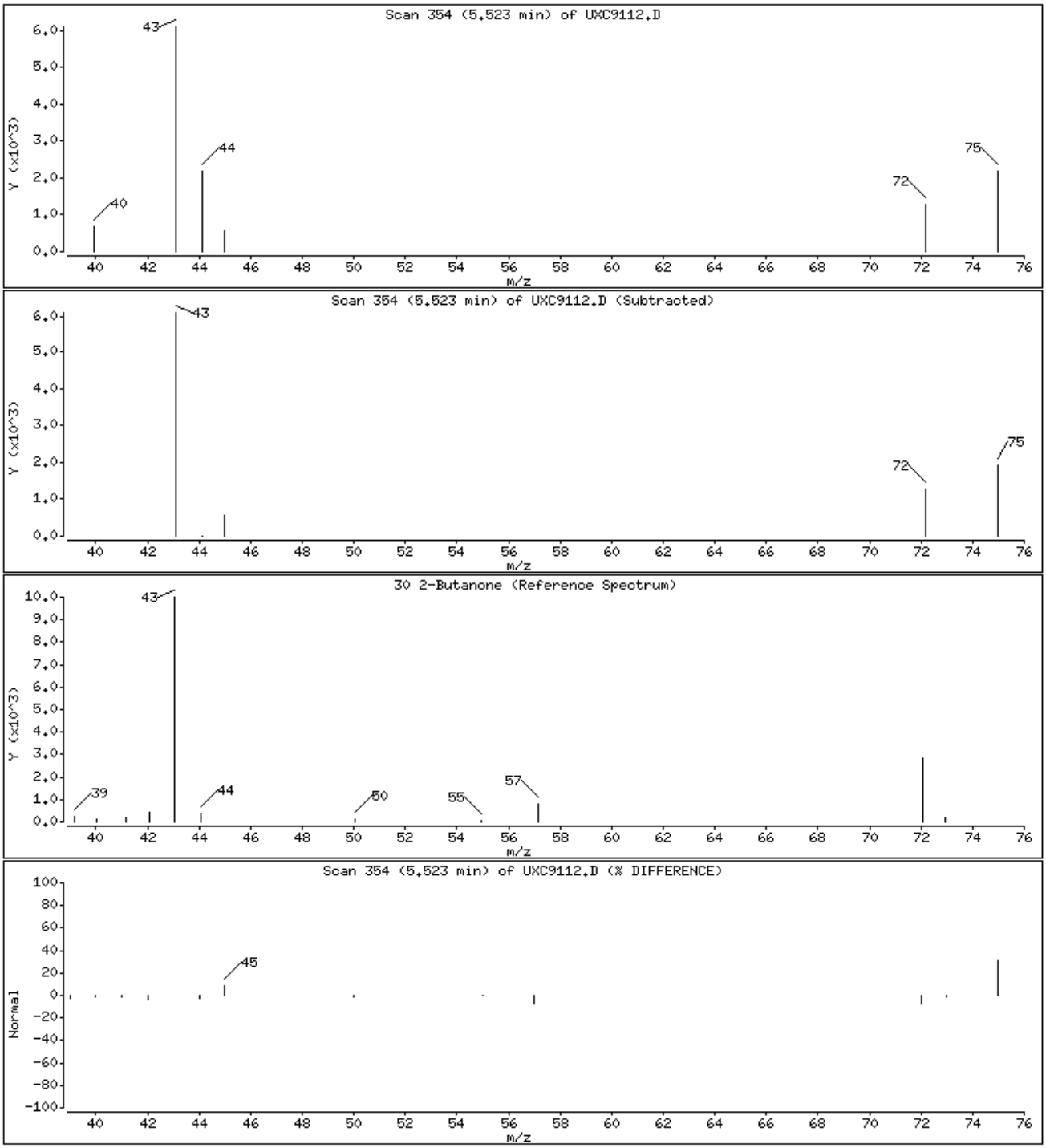
Client ID: SW-WC1-201005251100 Instrument: a3ux15.i

Sample Info: L18391AA,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

30 2-Butanone Concentration: 1.802 ug/L



TRW Automotive

Client Sample ID: SW-WC2-201005251200

GC/MS Volatiles

Lot-Sample #...: A0E280605-002 **Work Order #...:** L184N1AJ **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: SW-WC2-201005251200

GC/MS Volatiles

Lot-Sample #...: A0E280605-002 **Work Order #...:** L184N1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9111.D
Report Date: 03-Jun-2010 10:10

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9111.D
Lab Smp Id: L184N1AJ Client Smp ID: SW-WC2-201005251200
Inj Date : 02-JUN-2010 18:08
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L184N1AJ,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	758344	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	511309	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	282611	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	192993	46.5554	9.311
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	254679	46.1312	9.226
$ 6 Toluene-d8	98	8.191	8.190	(0.868)	724723	46.3381	9.268
$ 7 Bromofluorobenzene	95	10.420	10.432	(1.104)	241296	44.0072	8.801
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	3.092	3.079	(0.460)	50738	26.3895	5.278
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9111.D
Report Date: 03-Jun-2010 10:10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	5.523	5.522	(0.822)	13735	8.00965	1.602
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9111.D
Report Date: 03-Jun-2010 10:10

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9111.D
Report Date: 03-Jun-2010 10:10

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

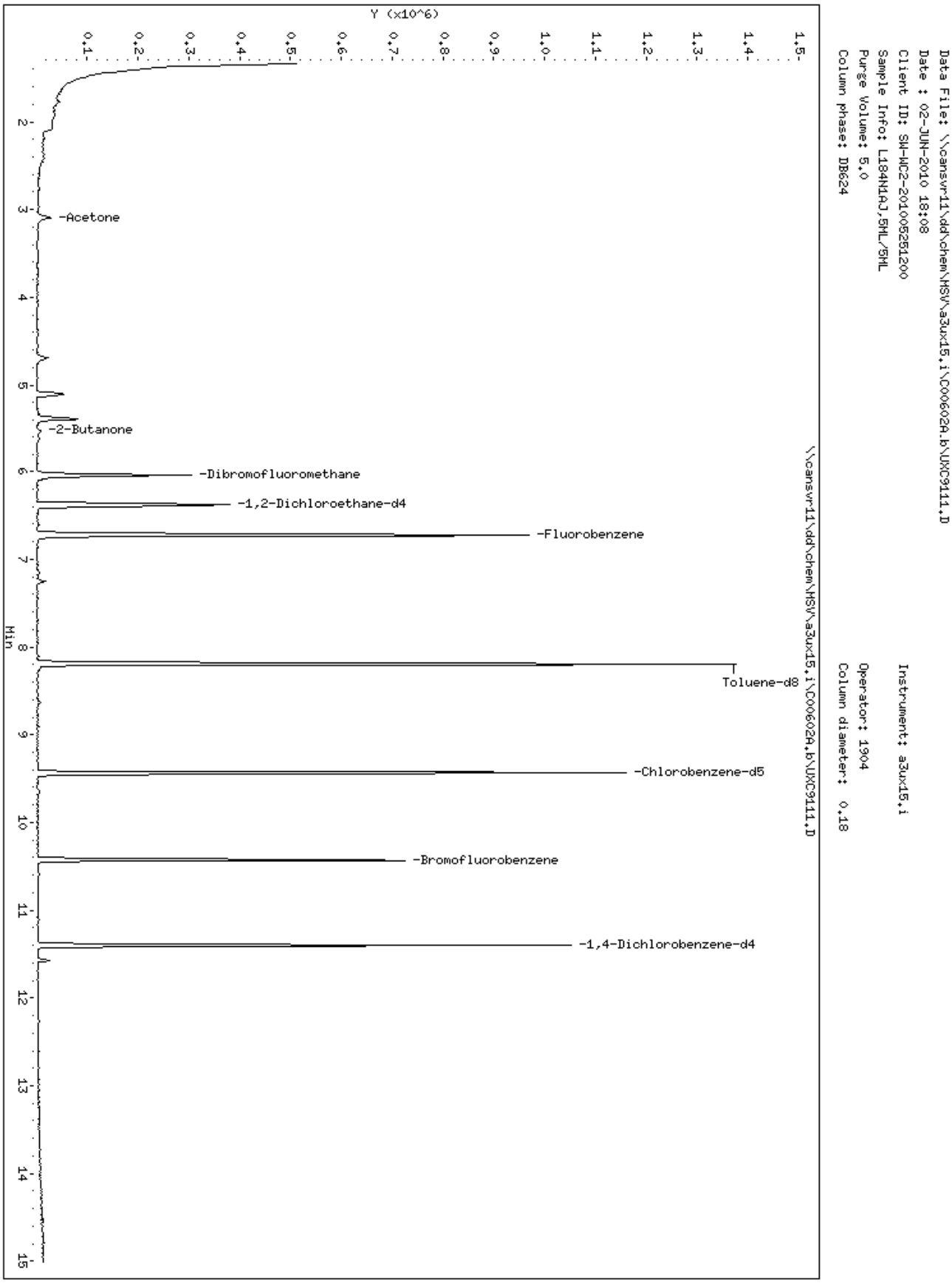
Instrument ID: a3ux15.i
Lab File ID: UXC9111.D
Lab Smp Id: L184N1AJ
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Client Smp ID: SW-WC2-201005251200
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	758344	-0.06
2 Chlorobenzene-d5	528668	264334	1057336	511309	-3.28
3 1,4-Dichlorobenze	304645	152323	609290	282611	-7.23

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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Date : 02-JUN-2010 18:08
Client ID: SW-WC2-20100525120
Sample Info: L184N1AJ,5ML/5ML
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Min
2
3
4
5
6
7
8
9
10
11
12
13
14
15
-Acetone
-2-Butanone
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene
Toluene-d8
-Chlorobenzene-d5
-Bromofluorobenzene
-1,4-Dichlorobenzene-d4
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Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9111.D

Date : 02-JUN-2010 18:08

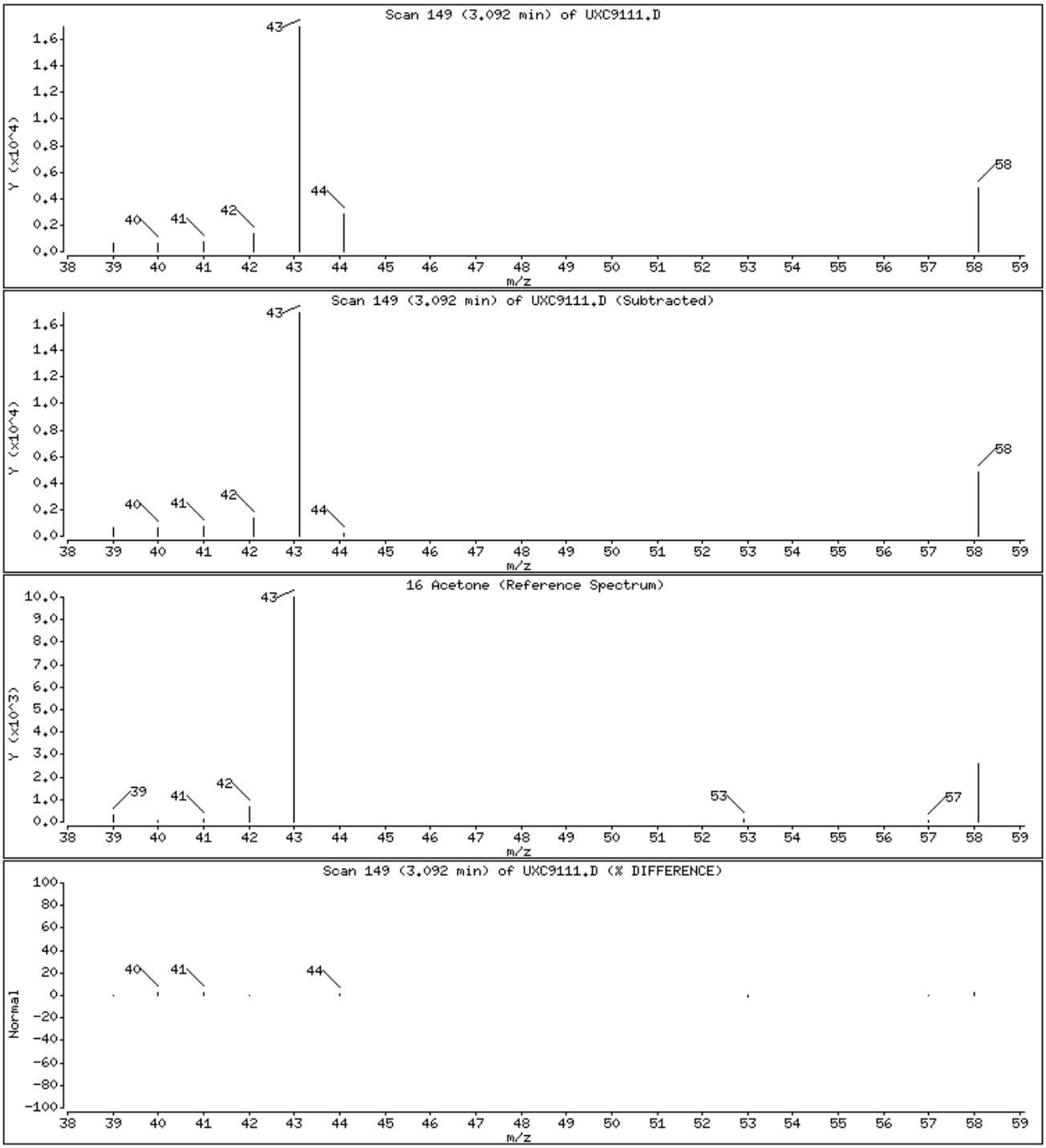
Client ID: SW-WC2-201005251200 Instrument: a3ux15.i

Sample Info: L184N1AJ,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

16 Acetone Concentration: 5.278 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9111.D

Date : 02-JUN-2010 18:08

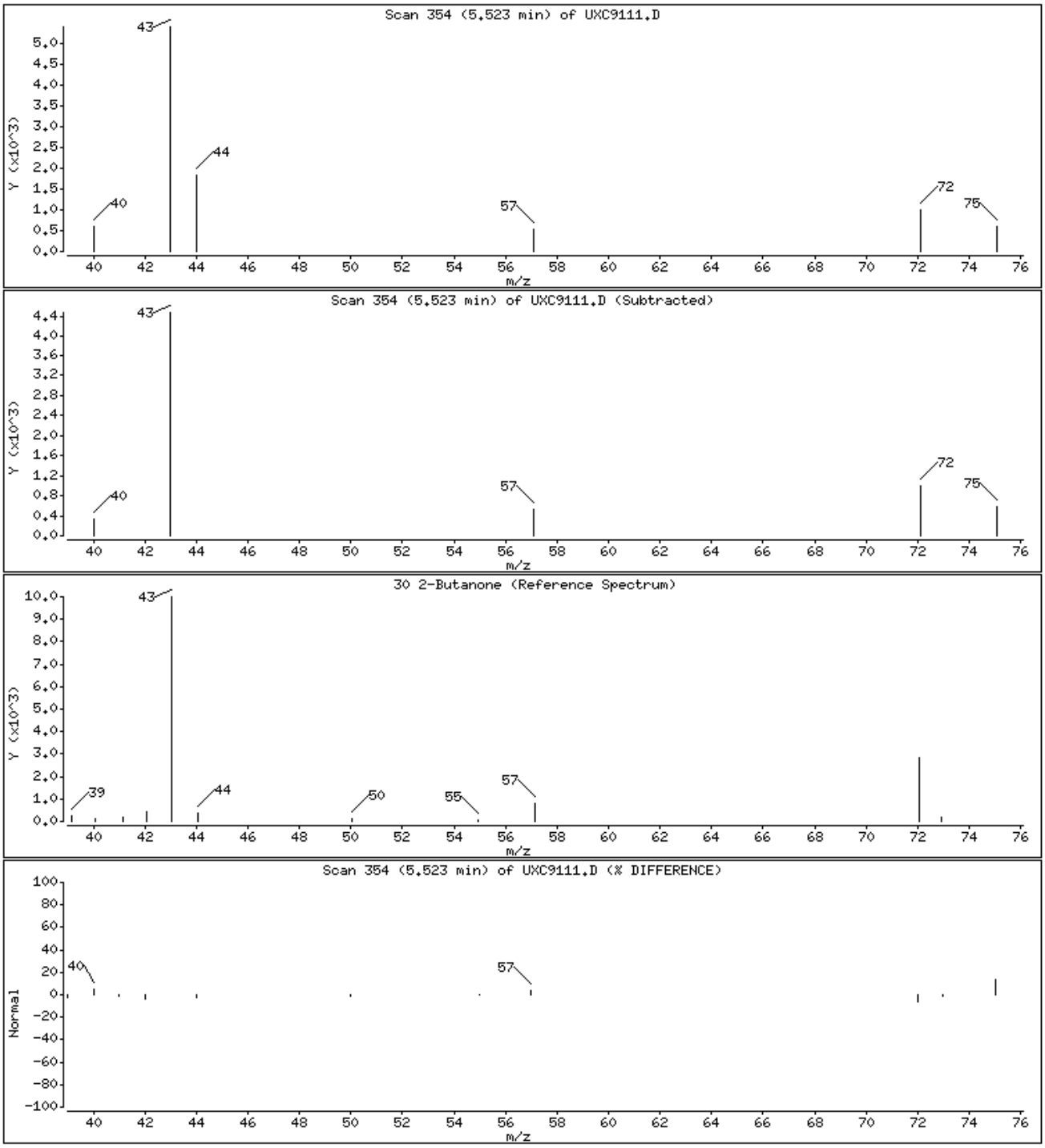
Client ID: SW-WC2-201005251200 Instrument: a3ux15.i

Sample Info: L184N1AJ,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

30 2-Butanone Concentration: 1.602 ug/L



TRW Automotive

Client Sample ID: SW-WC3-201005251300

GC/MS Volatiles

Lot-Sample #...: A0E280605-003 **Work Order #...:** L184P1AJ **Matrix.....:** WG
Date Sampled...: 05/25/10 13:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: SW-WC3-201005251300

GC/MS Volatiles

Lot-Sample #...: A0E280605-003 **Work Order #...:** L184P1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9113.D
Report Date: 03-Jun-2010 10:11

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9113.D
Lab Smp Id: L184P1AJ Client Smp ID: SW-WC3-201005251300
Inj Date : 02-JUN-2010 18:57
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L184P1AJ,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	721193	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	489413	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	265777	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	184198	46.7228	9.344
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	254689	48.5095	9.702
$ 6 Toluene-d8	98	8.191	8.190	(0.868)	686562	45.8621	9.172
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	232436	44.2878	8.858
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	3.091	3.079	(0.460)	48574	26.6510	5.330
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9113.D
Report Date: 03-Jun-2010 10:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	5.522	5.522	(0.822)	9568	5.86707	1.173
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9113.D
Report Date: 03-Jun-2010 10:11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9113.D
Report Date: 03-Jun-2010 10:11

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC9113.D
Lab Smp Id: L184P1AJ
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Client Smp ID: SW-WC3-201005251300
Level: LOW
Sample Type: WATER

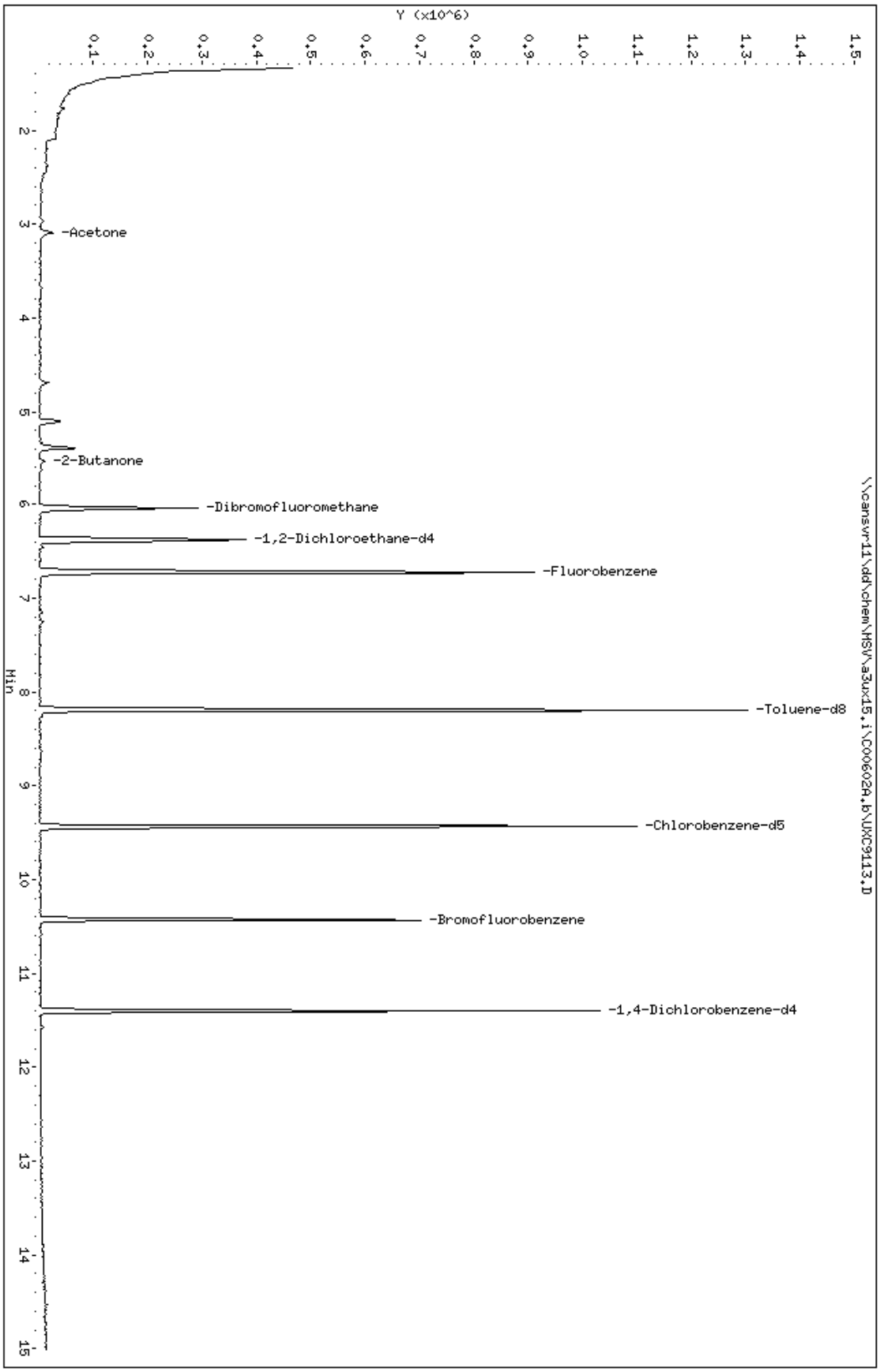
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	721193	-4.96
2 Chlorobenzene-d5	528668	264334	1057336	489413	-7.43
3 1,4-Dichlorobenze	304645	152323	609290	265777	-12.76

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9113.D
Date : 02-JUN-2010 18:57
Client ID: SW-WC3-20100525130O
Sample Info: L184P1AJ,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9113.D

Date : 02-JUN-2010 18:57

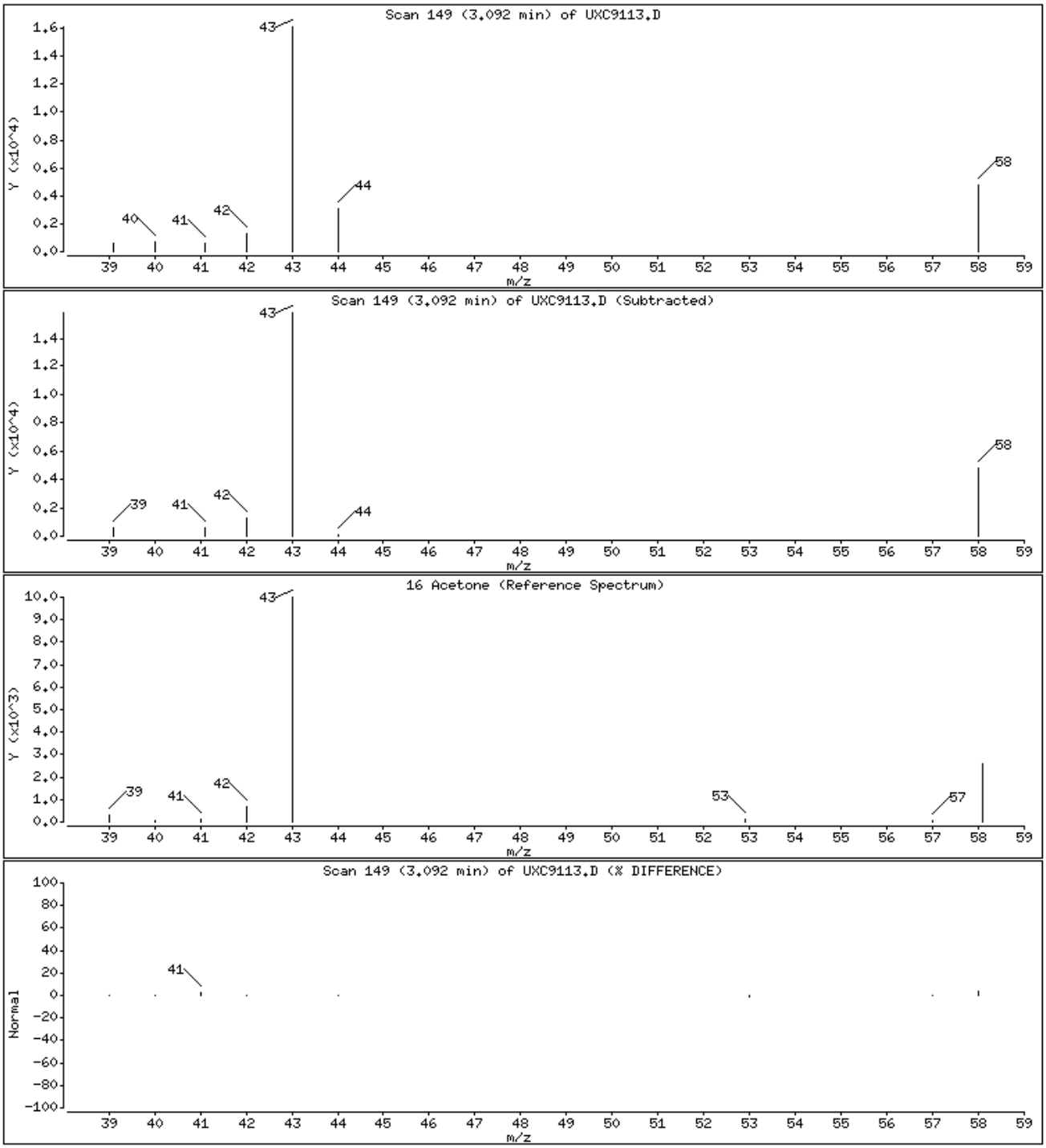
Client ID: SW-WC3-201005251300 Instrument: a3ux15.i

Sample Info: L184P1AJ,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

16 Acetone Concentration: 5.330 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9113.D

Date : 02-JUN-2010 18:57

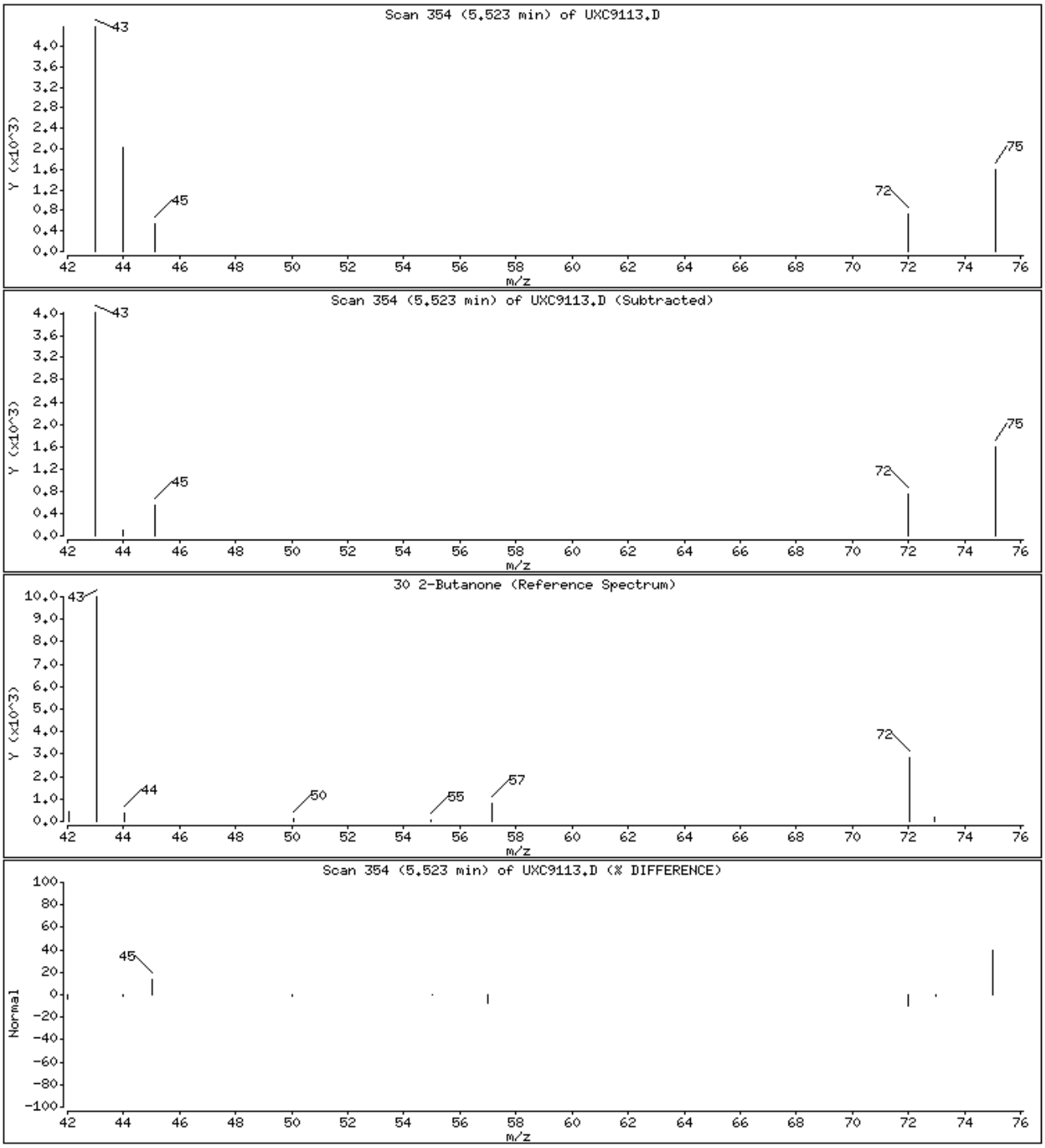
Client ID: SW-WC3-201005251300 Instrument: a3ux15.i

Sample Info: L184P1AJ,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

30 2-Butanone Concentration: 1.173 ug/L



TRW Automotive

Client Sample ID: SW-WC4-201005251400

GC/MS Volatiles

Lot-Sample #...: A0E280605-004 **Work Order #...:** L184Q1AJ **Matrix.....:** WG
Date Sampled...: 05/25/10 14:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: SW-WC4-201005251400

GC/MS Volatiles

Lot-Sample #...: A0E280605-004 **Work Order #...:** L184Q1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9114.D
Report Date: 03-Jun-2010 10:11

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9114.D
Lab Smp Id: L184Q1AJ Client Smp ID: SW-WC4-201005251400
Inj Date : 02-JUN-2010 19:22
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L184Q1AJ,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	722947	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	499083	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	278885	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	184662	46.7268	9.345
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	253232	48.1150	9.623
$ 6 Toluene-d8	98	8.190	8.190	(0.868)	679851	44.5339	8.907
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	230105	42.9942	8.599
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	3.091	3.079	(0.460)	39607	19.2817	3.856
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9114.D
Report Date: 03-Jun-2010 10:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	5.522	5.522	(0.822)	8450	5.16894	1.034
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9114.D
Report Date: 03-Jun-2010 10:11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9114.D
Report Date: 03-Jun-2010 10:11

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

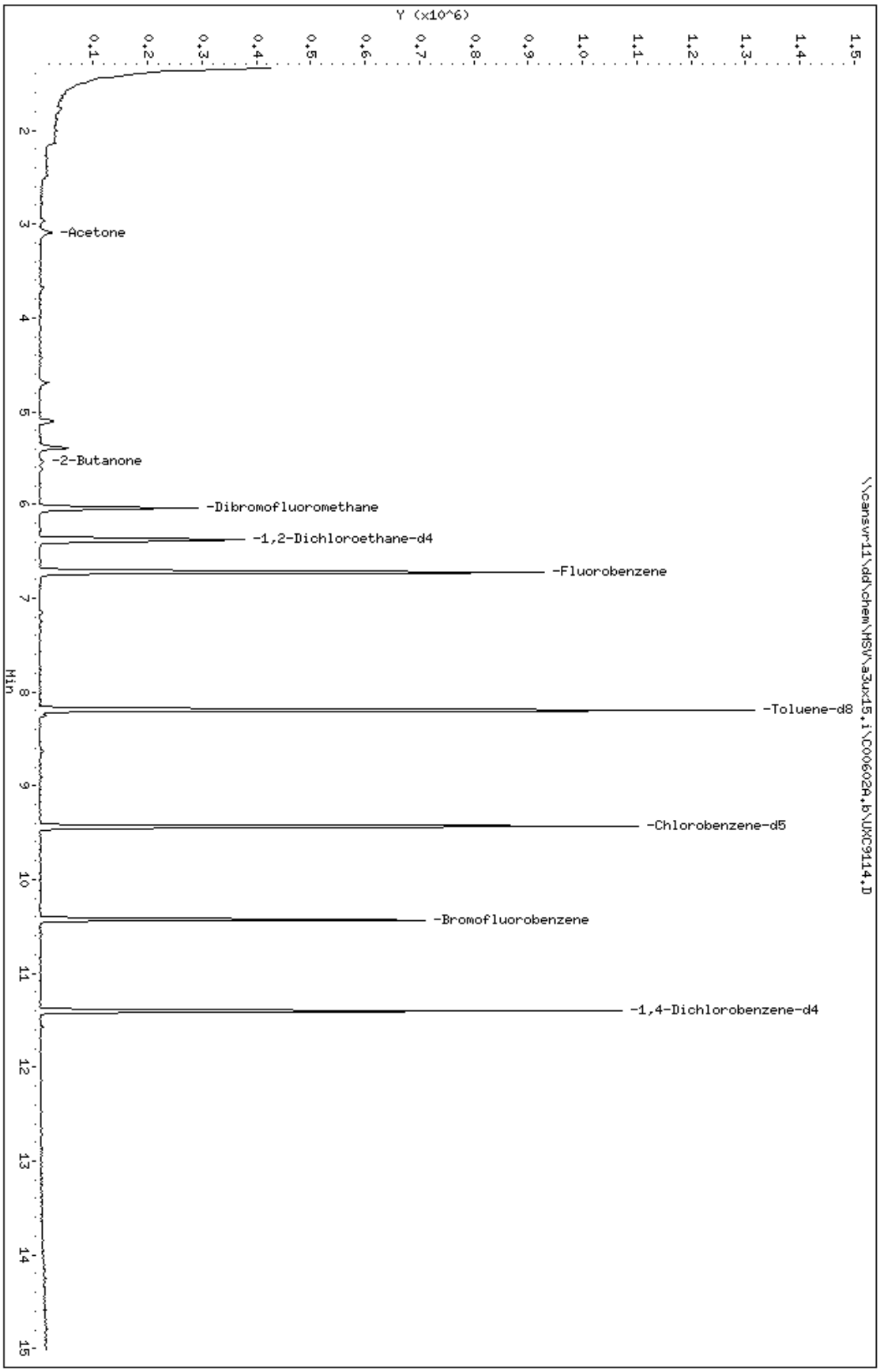
Instrument ID: a3ux15.i
Lab File ID: UXC9114.D
Lab Smp Id: L184Q1AJ
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Client Smp ID: SW-WC4-201005251400
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	722947	-4.73
2 Chlorobenzene-d5	528668	264334	1057336	499083	-5.60
3 1,4-Dichlorobenze	304645	152323	609290	278885	-8.46

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9114.D
Date : 02-JUN-2010 19:22
Client ID: SW-WC4-20100525140O
Sample Info: L18401AJ,5ML/5ML
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
Min
2
3
4
5
6
7
8
9
10
11
12
13
14
15
-Acetone
-2-Butanone
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene
-Toluene-d8
-Chlorobenzene-d5
-Bromofluorobenzene
-1,4-Dichlorobenzene-d4
\\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9114.D

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9114.D

Date : 02-JUN-2010 19:22

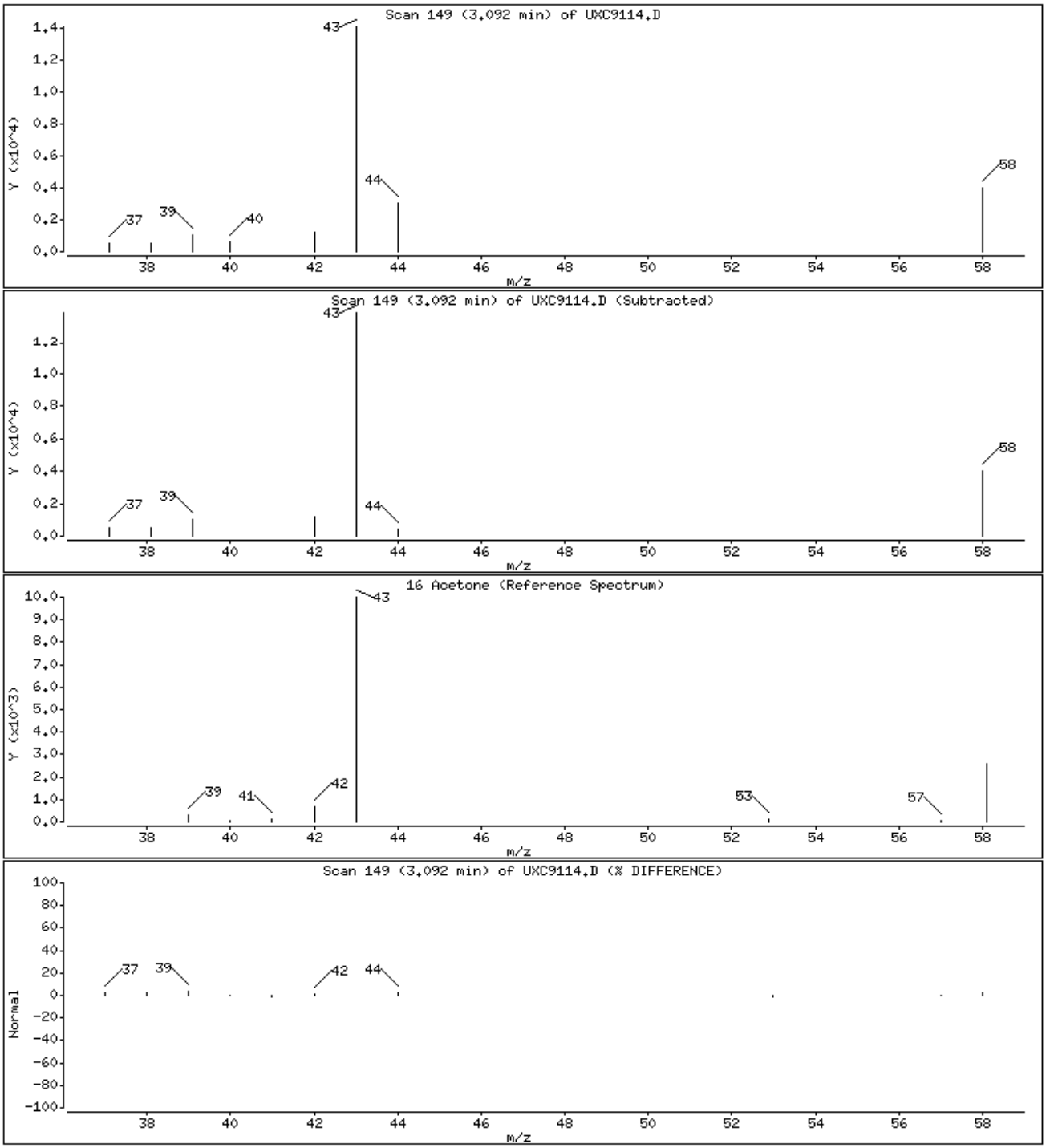
Client ID: SW-WC4-201005251400 Instrument: a3ux15.i

Sample Info: L184Q1AJ,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

16 Acetone Concentration: 3.856 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9114.D

Date : 02-JUN-2010 19:22

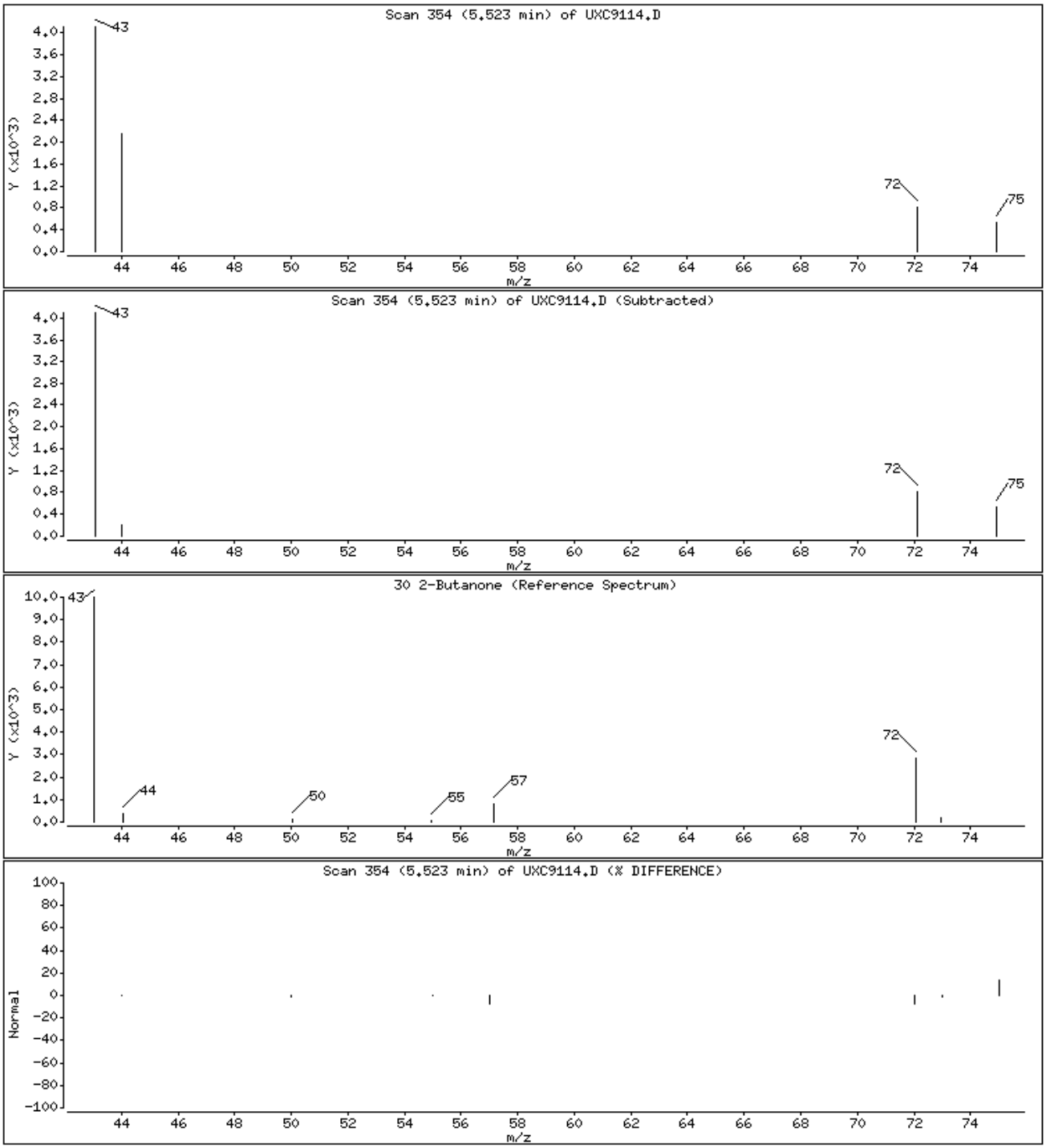
Client ID: SW-WC4-201005251400 Instrument: a3ux15.i

Sample Info: L184Q1AJ,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

30 2-Butanone Concentration: 1.034 ug/L



TRW Automotive

Client Sample ID: DUP01-20100525

GC/MS Volatiles

Lot-Sample #...: A0E280605-005 **Work Order #...:** L184T1AJ **Matrix.....:** WG
Date Sampled...: 05/25/10 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: DUP01-20100525

GC/MS Volatiles

Lot-Sample #...: A0E280605-005 **Work Order #...:** L184T1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9115.D
Report Date: 03-Jun-2010 10:11

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9115.D
Lab Smp Id: L184T1AJ Client Smp ID: DUP01-20100525
Inj Date : 02-JUN-2010 19:46
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L184T1AJ,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	716097	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	482717	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	258899	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	190873	48.7604	9.752
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	253619	48.6495	9.730
$ 6 Toluene-d8	98	8.190	8.190	(0.868)	670371	45.4017	9.080
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	223967	43.2661	8.653
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	3.091	3.079	(0.460)	50032	28.1261	5.625
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9115.D
Report Date: 03-Jun-2010 10:11

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	5.522	5.522	(0.822)	13303	8.21541	1.643
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9115.D
Report Date: 03-Jun-2010 10:11

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9115.D
Report Date: 03-Jun-2010 10:11

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC9115.D
Lab Smp Id: L184T1AJ
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Client Smp ID: DUP01-20100525
Level: LOW
Sample Type: WATER

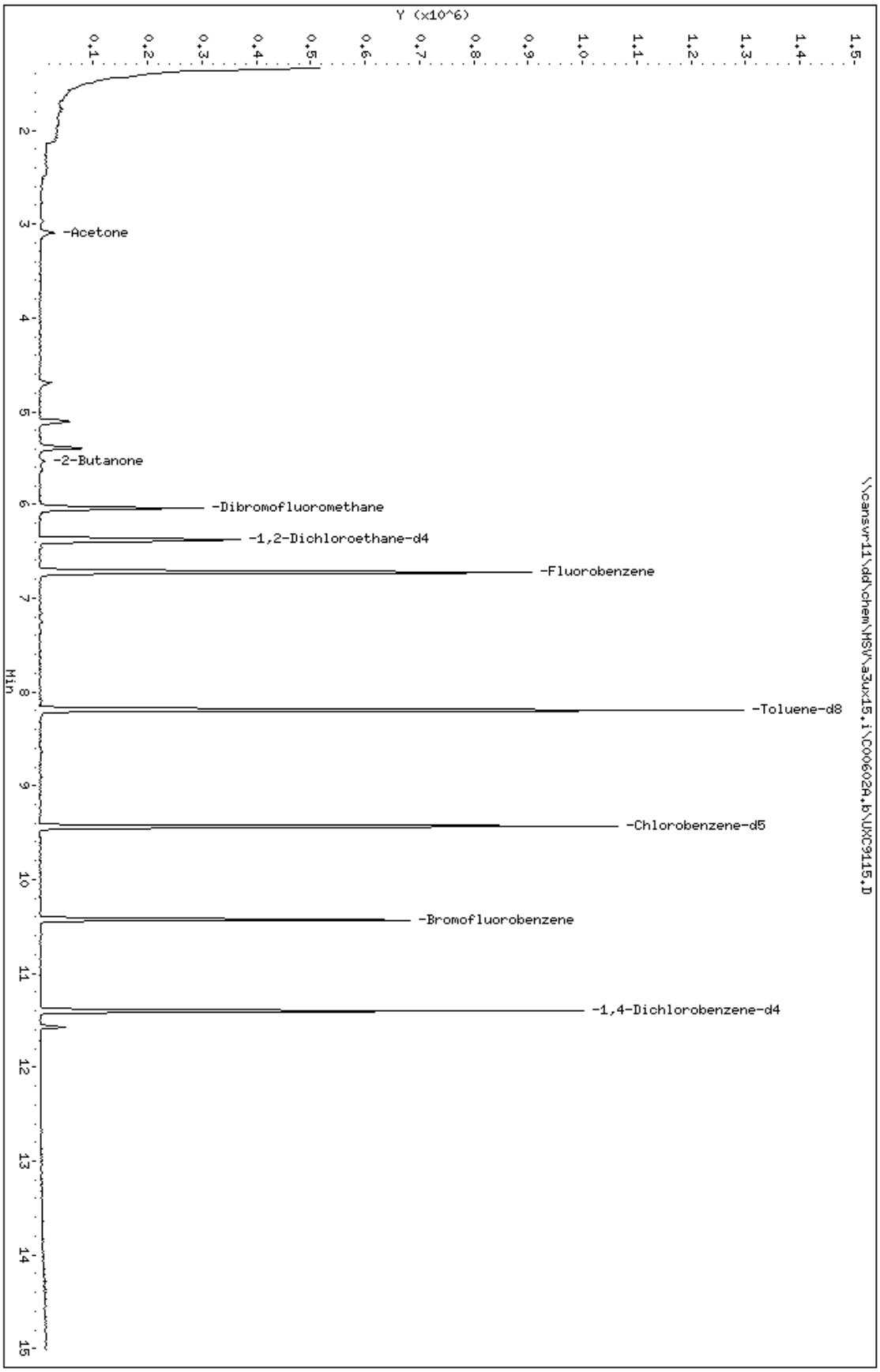
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	716097	-5.63
2 Chlorobenzene-d5	528668	264334	1057336	482717	-8.69
3 1,4-Dichlorobenze	304645	152323	609290	258899	-15.02

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	-0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	-0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9115.D
Date : 02-JUN-2010 19:46
Client ID: DUP01-20100525
Sample Info: L184T1AJ,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9115.D

Date : 02-JUN-2010 19:46

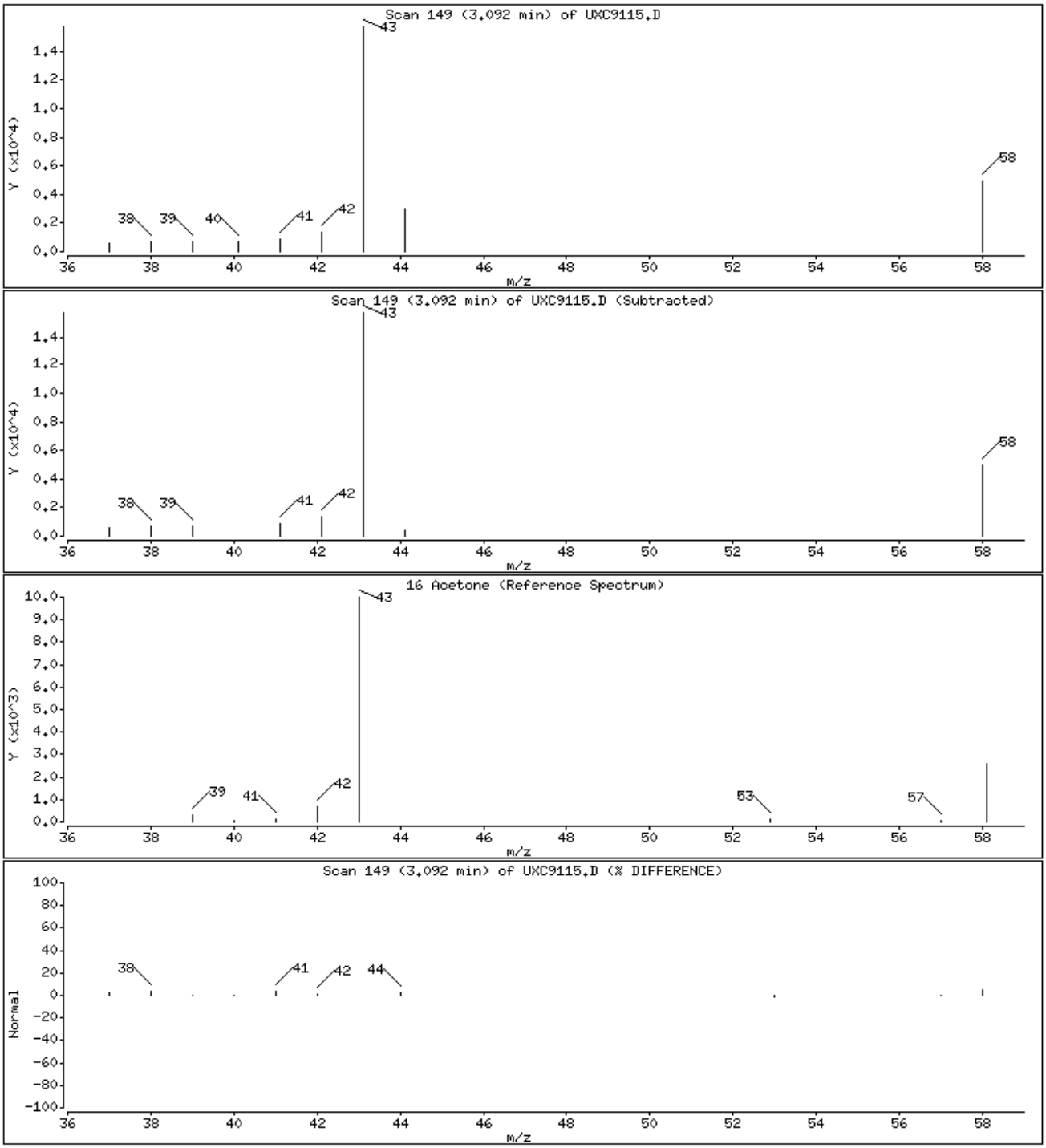
Client ID: DUP01-20100525 Instrument: a3ux15.i

Sample Info: L184T1AJ,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

16 Acetone Concentration: 5.625 ug/L



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9115.D

Date : 02-JUN-2010 19:46

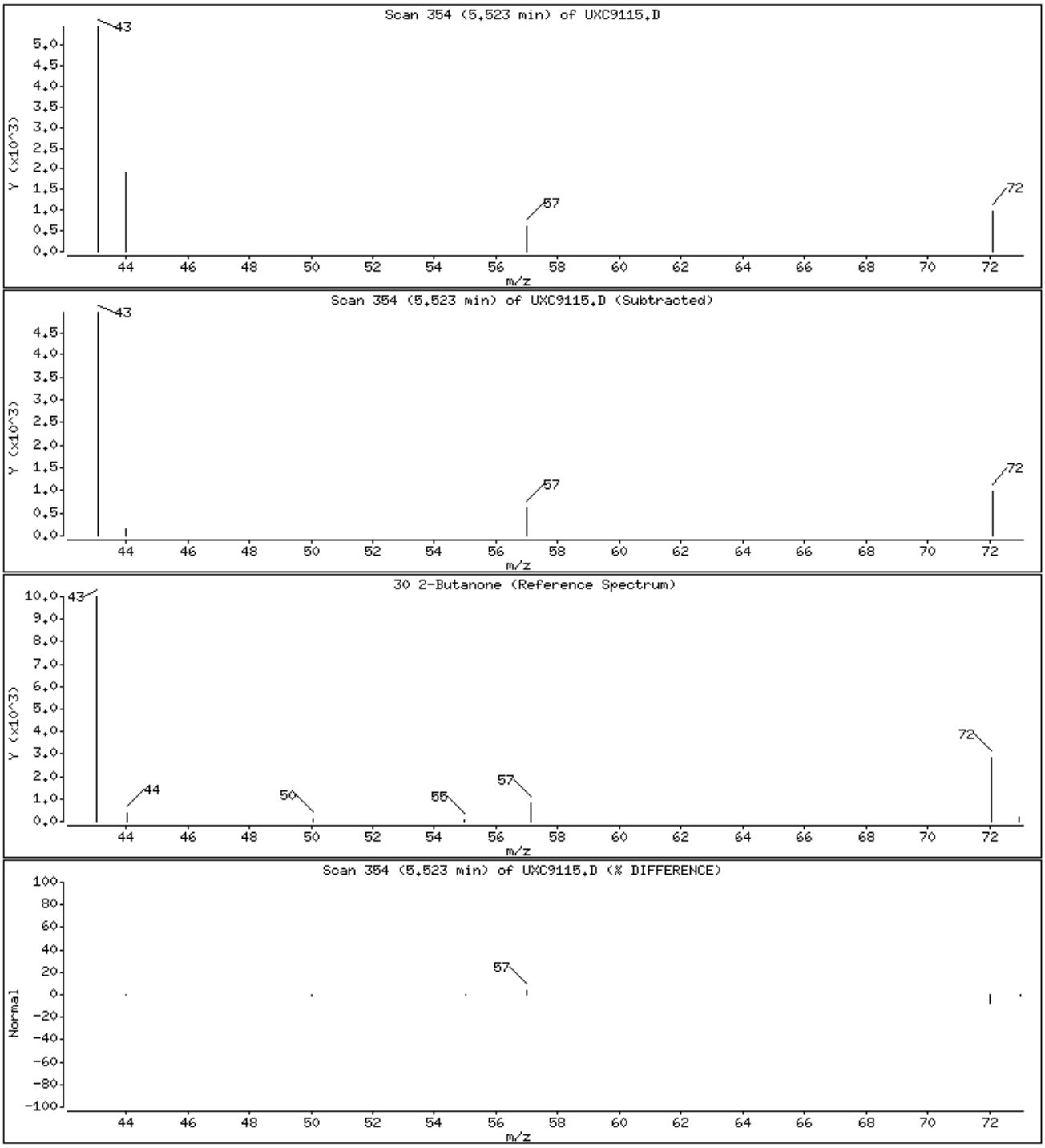
Client ID: DUP01-20100525 Instrument: a3ux15.i

Sample Info: L184T1AJ,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

30 2-Butanone Concentration: 1.643 ug/L



TRW Automotive

Client Sample ID: SW-FC1-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-006 **Work Order #...:** L184W1AA **Matrix.....:** WG
Date Sampled...: 05/26/10 10:15 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: SW-FC1-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-006 **Work Order #...:** L184W1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9116.D
Report Date: 03-Jun-2010 10:12

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9116.D
Lab Smp Id: L184W1AA Client Smp ID: SW-FC1-20100526
Inj Date : 02-JUN-2010 20:10
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L184W1AA,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	720677	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	490027	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	264736	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	185626	47.1187	9.424
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	257373	49.0558	9.811
$ 6 Toluene-d8	98	8.190	8.190	(0.868)	676801	45.1534	9.031
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	226692	43.1393	8.628
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9116.D
Report Date: 03-Jun-2010 10:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9116.D
Report Date: 03-Jun-2010 10:12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9116.D
Report Date: 03-Jun-2010 10:12

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC9116.D
Lab Smp Id: L184W1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Client Smp ID: SW-FC1-20100526
Level: LOW
Sample Type: WATER

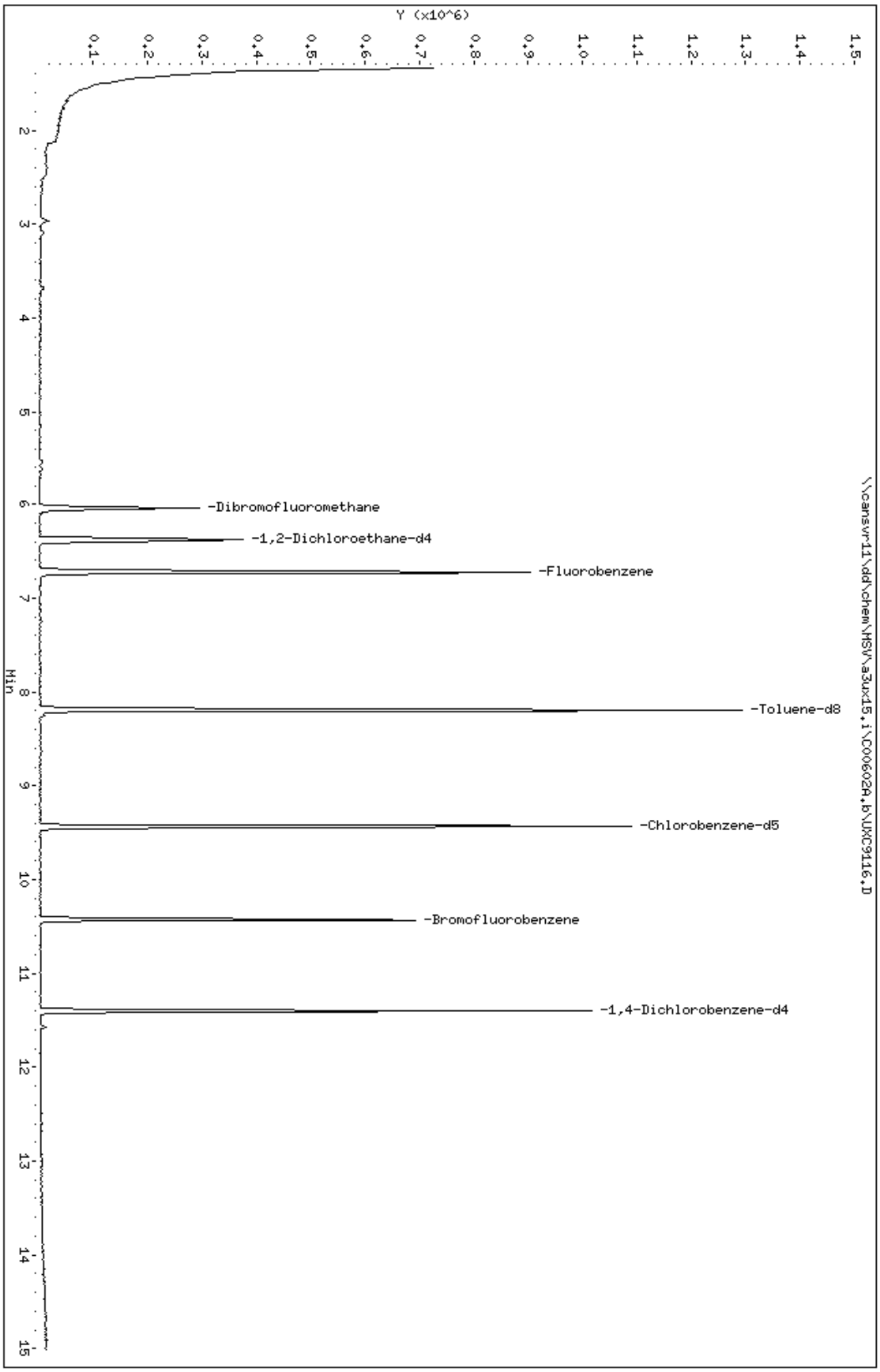
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	720677	-5.03
2 Chlorobenzene-d5	528668	264334	1057336	490027	-7.31
3 1,4-Dichlorobenze	304645	152323	609290	264736	-13.10

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	-0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	-0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9116.D
Date : 02-JUN-2010 20:10
Client ID: SW-FC1-20100526
Sample Info: L184W1AA,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18



TRW Automotive

Client Sample ID: SW-FC2-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-007 **Work Order #...:** L184X1AA **Matrix.....:** WG
Date Sampled...: 05/26/10 11:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: SW-FC2-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-007 **Work Order #...:** L184X1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9117.D
Report Date: 03-Jun-2010 10:12

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9117.D
Lab Smp Id: L184X1AA Client Smp ID: SW-FC2-20100526
Inj Date : 02-JUN-2010 20:34
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L184X1AA,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	702507	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	489414	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	266340	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	185183	48.2220	9.644
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	246906	48.2780	9.656
$ 6 Toluene-d8	98	8.191	8.190	(0.868)	687800	45.9447	9.189
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	225395	42.9462	8.589
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9117.D
Report Date: 03-Jun-2010 10:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9117.D
Report Date: 03-Jun-2010 10:12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9117.D
Report Date: 03-Jun-2010 10:12

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

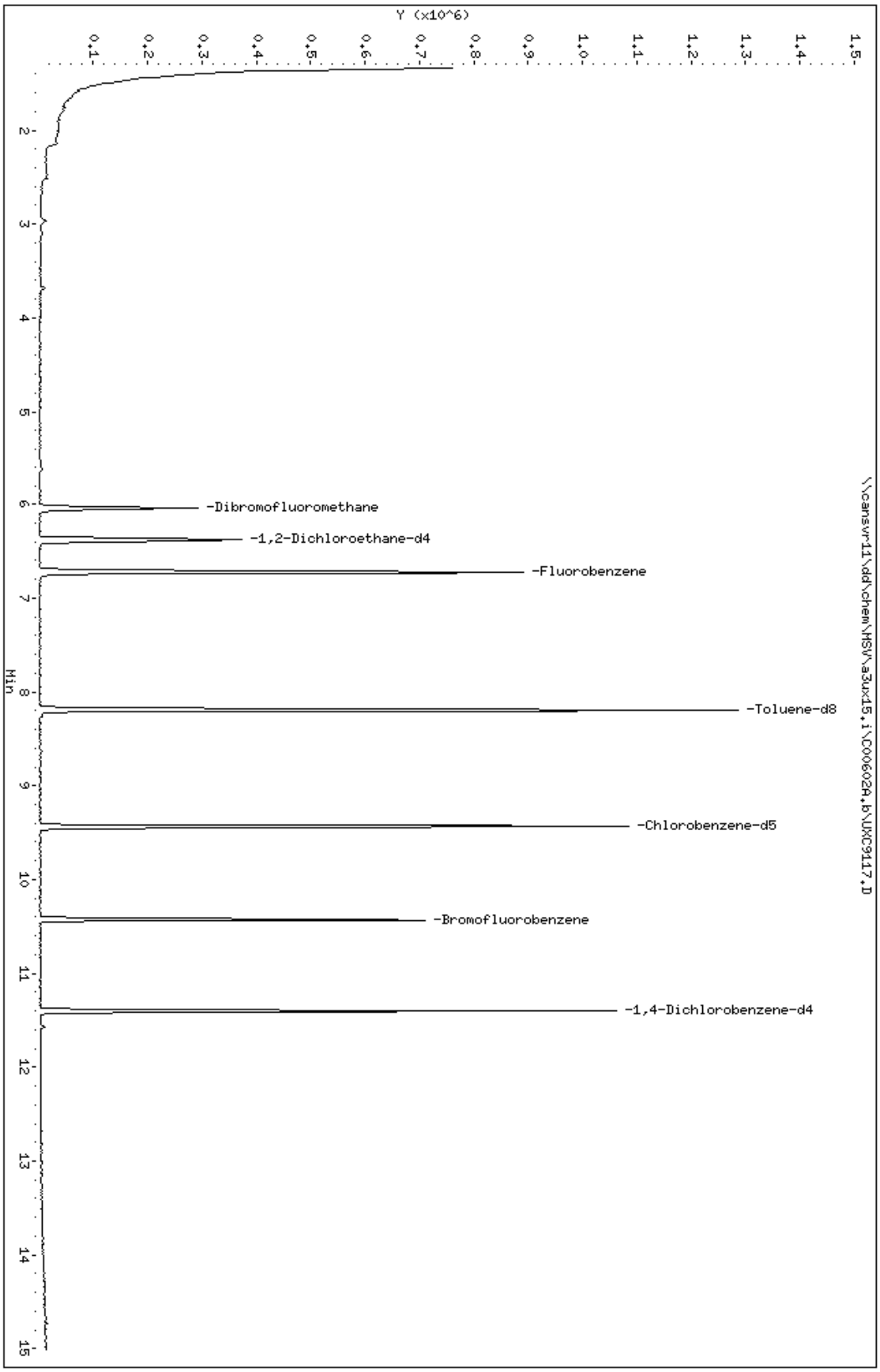
Instrument ID: a3ux15.i
Lab File ID: UXC9117.D
Lab Smp Id: L184X1AA
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Client Smp ID: SW-FC2-20100526
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	702507	-7.42
2 Chlorobenzene-d5	528668	264334	1057336	489414	-7.43
3 1,4-Dichlorobenze	304645	152323	609290	266340	-12.57

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9117.D
Date : 02-JUN-2010 20:34
Client ID: SW-FC2-20100526
Sample Info: L184X1AA,5ML/5ML
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
1.5
1.4
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
Min
-Dibromofluoromethane
-1,2-Dichloroethane-d4
-Fluorobenzene
-Toluene-d8
-Chlorobenzene-d5
-Bromofluorobenzene
-1,4-Dichlorobenzene-d4
\\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9117.D

TRW Automotive

Client Sample ID: SW-FC3-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-008 **Work Order #...:** L18401AA **Matrix.....:** WG
Date Sampled...: 05/26/10 11:20 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: SW-FC3-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-008 **Work Order #...:** L18401AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9118.D
Report Date: 03-Jun-2010 10:12

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9118.D
Lab Smp Id: L18401AA Client Smp ID: SW-FC3-20100526
Inj Date : 02-JUN-2010 20:59
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L18401AA,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 18
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	695523	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	460544	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	251262	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	181564	47.7544	9.551
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	247173	48.8155	9.763
$ 6 Toluene-d8	98	8.191	8.190	(0.868)	646522	45.8946	9.179
$ 7 Bromofluorobenzene	95	10.420	10.432	(1.104)	212194	42.9654	8.593
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9118.D
Report Date: 03-Jun-2010 10:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9118.D
Report Date: 03-Jun-2010 10:12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9118.D
Report Date: 03-Jun-2010 10:12

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC9118.D
Lab Smp Id: L18401AA
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Client Smp ID: SW-FC3-20100526
Level: LOW
Sample Type: WATER

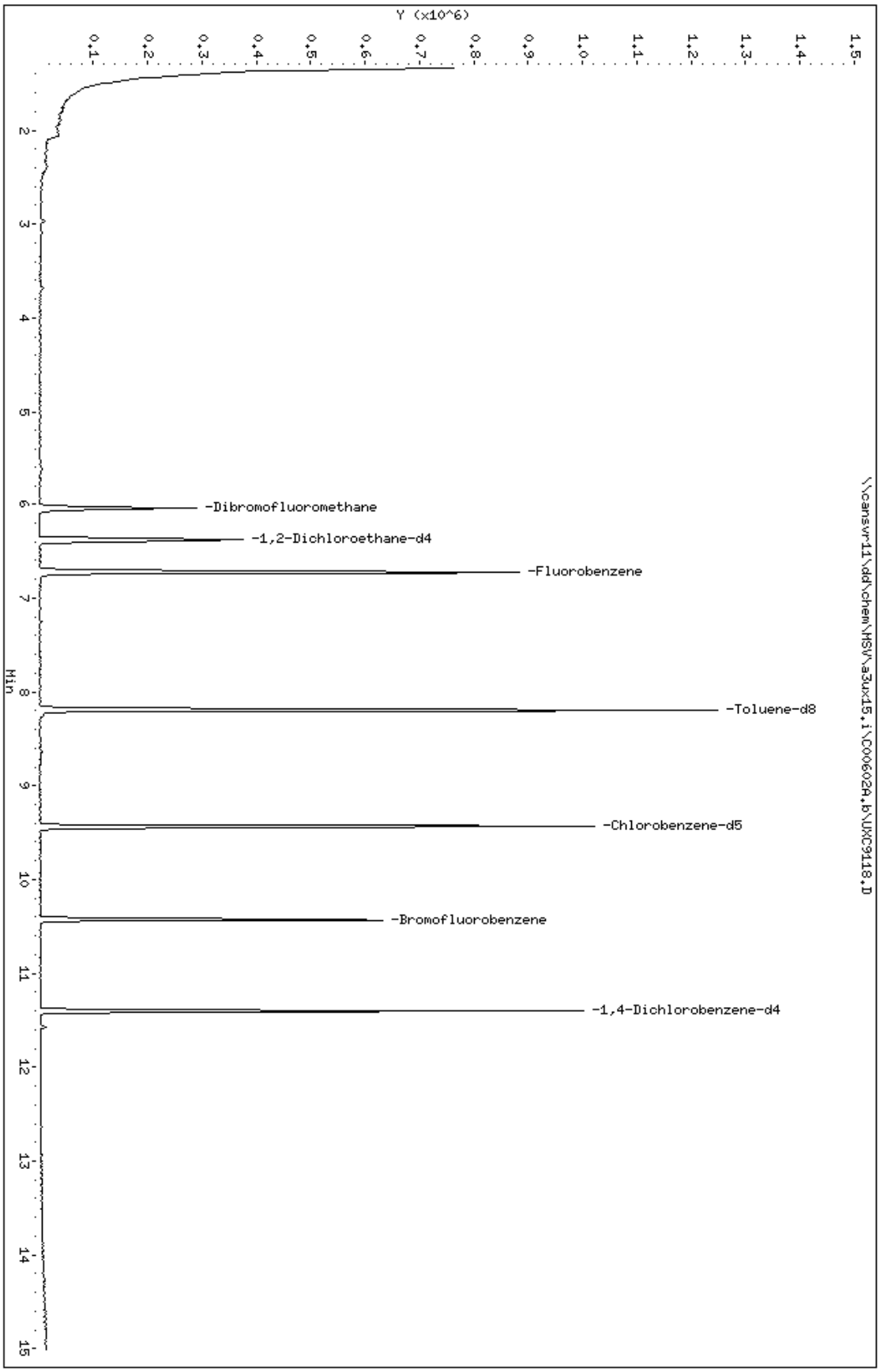
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	695523	-8.34
2 Chlorobenzene-d5	528668	264334	1057336	460544	-12.89
3 1,4-Dichlorobenze	304645	152323	609290	251262	-17.52

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9118.D
Date : 02-JUN-2010 20:59
Client ID: SW-FC3-20100526
Sample Info: L18401AA,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18



TRW Automotive

Client Sample ID: TB01-20100525

GC/MS Volatiles

Lot-Sample #...: A0E280605-009 **Work Order #...:** L18411AJ **Matrix.....:** WQ
Date Sampled...: 05/25/10 09:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: TB01-20100525

GC/MS Volatiles

Lot-Sample #...: A0E280605-009 **Work Order #...:** L18411AJ **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9119.D
Report Date: 03-Jun-2010 10:12

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9119.D
Lab Smp Id: L18411AJ Client Smp ID: TB01-20100525
Inj Date : 02-JUN-2010 21:23
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L18411AJ,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 19
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	690287	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	449567	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	242099	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	185336	49.1162	9.823
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	241039	47.9651	9.593
$ 6 Toluene-d8	98	8.191	8.190	(0.868)	635121	46.1862	9.237
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	204600	42.4393	8.488
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	3.091	3.079	(0.460)	21060	5.04564	1.009
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	Compound Not Detected.					

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9119.D
Report Date: 03-Jun-2010 10:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9119.D
Report Date: 03-Jun-2010 10:12

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9119.D
Report Date: 03-Jun-2010 10:12

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC9119.D
Lab Smp Id: L18411AJ
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Client Smp ID: TB01-20100525
Level: LOW
Sample Type: WATER

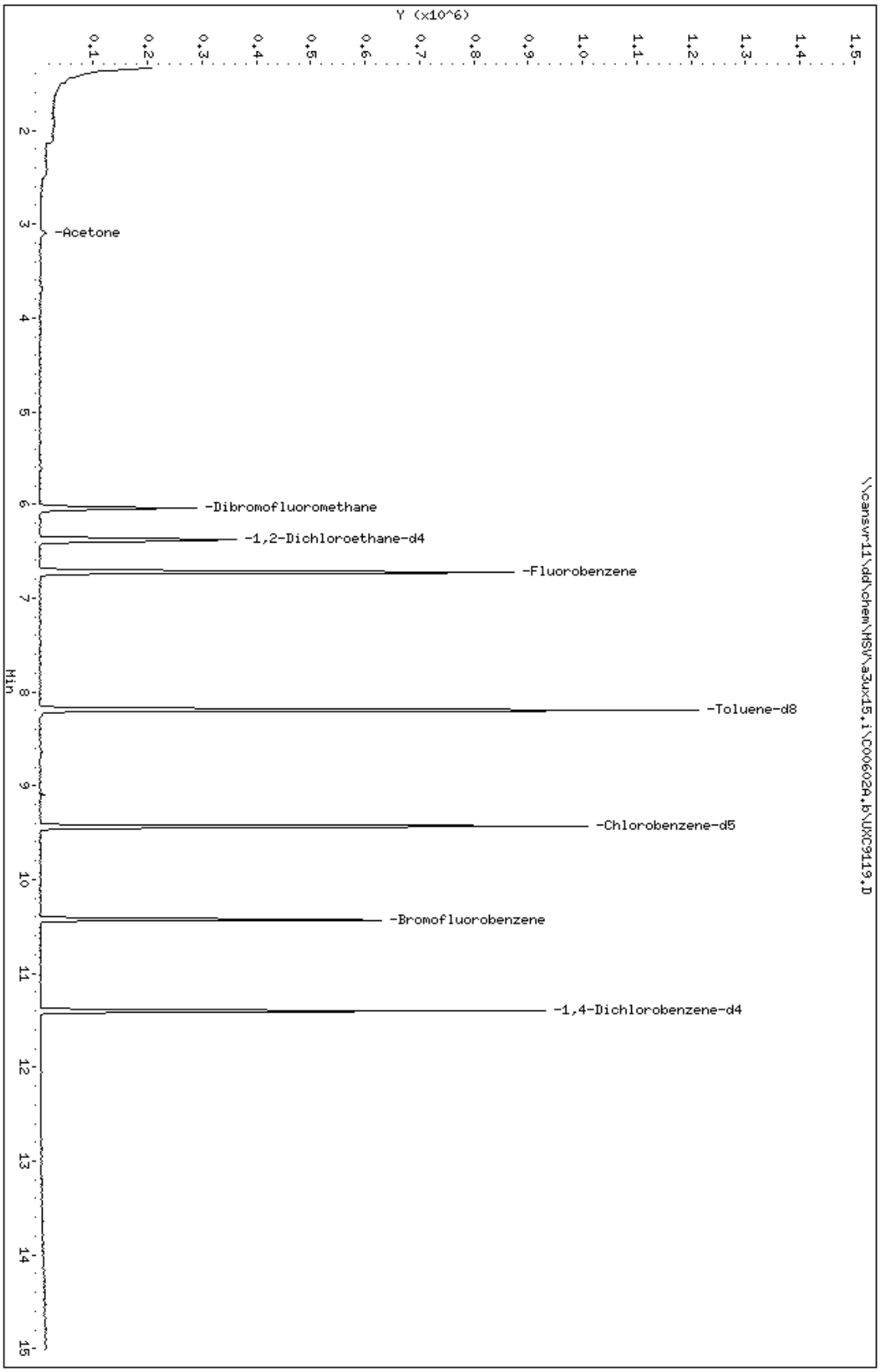
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	690287	-9.03
2 Chlorobenzene-d5	528668	264334	1057336	449567	-14.96
3 1,4-Dichlorobenze	304645	152323	609290	242099	-20.53

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9119.D
Date : 02-JUN-2010 21:23
Client ID: TB01-20100525
Sample Info: L18411AJ,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9119.D

Date : 02-JUN-2010 21:23

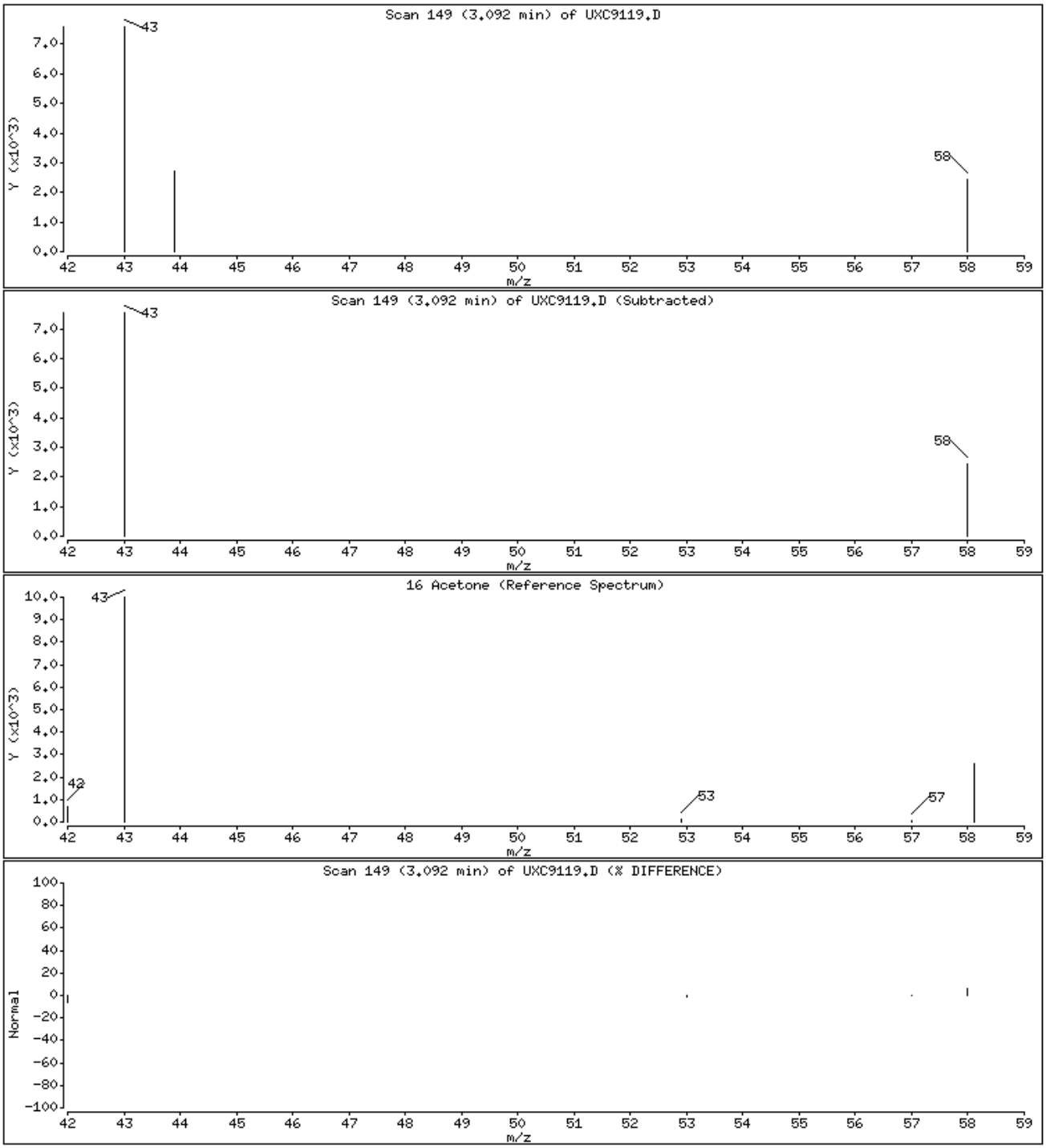
Client ID: TB01-20100525 Instrument: a3ux15.i

Sample Info: L18411AJ,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

16 Acetone Concentration: 1.009 ug/L



STANDARD DATA

Report Date: 20-May-2010 21:18

Calibration History

Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Start Cal Date: 17-MAY-2010 08:17
End Cal Date : 17-MAY-2010 13:10
Last Cal Level: 4
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.00000		
17-MAY-2010 13:10	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8601.D
17-MAY-2010 10:19	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8594.D
Cal Level: 2 , Cal Amount: 10.00000		
17-MAY-2010 12:46	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8600.D
17-MAY-2010 09:55	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8593.D
Cal Level: 3 , Cal Amount: 25.00000		
17-MAY-2010 12:21	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8599.D
17-MAY-2010 09:31	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8592.D
Cal Level: 4 , Cal Amount: 50.00000		
17-MAY-2010 11:57	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D
17-MAY-2010 09:07	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8591.D
Cal Level: 5 , Cal Amount: 100.00000		
17-MAY-2010 11:32	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8597.D
17-MAY-2010 08:42	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8590.D
Cal Level: 6 , Cal Amount: 200.00000		
17-MAY-2010 11:08	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8596.D
17-MAY-2010 08:17	2-8260	

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Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 4
+-----------------+-----------------+-------------------------------------+
|17-MAY-2010 09:07 |2-8260           |                                     |
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|17-MAY-2010 11:57 |3-IX             |                                     |
|\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D                    |
|17-MAY-2010 11:57 |3-IX             |                                     |
|\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D                    |
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Report Date : 18-May-2010 08:26

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 08:17
End Cal Date : 17-MAY-2010 13:10
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Last Edit : 17-May-2010 13:50 quayler
Curve Type : Average

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8601.D
Level 2: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8600.D
Level 3: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8599.D
Level 4: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D
Level 5: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8597.D
Level 6: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8596.D

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	___ RRF	% RSD
	8 Dichlorodifluoromethane	0.19223	0.18991	0.21094	0.20322	0.23852	0.24379	0.21310	10.831
	9 Chloromethane	0.51734	0.42947	0.47603	0.38902	0.41963	0.45840	0.44831	10.138
	10 Vinyl Chloride	0.33053	0.30841	0.34399	0.31125	0.33879	0.34394	0.32949	4.863
	11 Bromomethane	0.14968	0.12288	0.11483	0.07855	0.07682	0.09565	0.10640	26.522
	12 Chloroethane	0.18150	0.17343	0.19680	0.14063	0.15106	0.17298	0.16940	12.070
	13 Trichlorofluoromethane	0.24718	0.23151	0.27414	0.24175	0.27171	0.29635	0.26044	9.353
	14 Dichlorofluoromethane	0.43720	0.27739	0.39483	0.37026	0.32502	0.28131	0.34767	18.465
	15 Acrolein	0.03869	0.03652	0.04098	0.03804	0.04240	0.04335	0.04000	6.676
	16 Acetone	0.18538	0.15332	0.10355	0.09368	0.09453	0.08649	0.11949	33.722
	17 1,1-Dichloroethene	0.23619	0.22512	0.23763	0.22163	0.23870	0.23719	0.23274	3.173
	18 Freon-113	0.17427	0.15213	0.18309	0.17130	0.18858	0.19265	0.17700	8.282
	19 Iodomethane	0.47155	0.45054	0.49909	0.44634	0.47446	0.48644	0.47140	4.312
	20 Carbon Disulfide	0.63980	0.61646	0.71831	0.67031	0.71973	0.75604	0.68677	7.787
	21 Methylene Chloride	0.31224	0.27866	0.30103	0.27331	0.28195	0.28277	0.28833	5.200
	22 Acetonitrile	0.03156	0.03146	0.03135	0.02825	0.03102	0.02715	0.03013	6.383
	23 Acrylonitrile	0.11125	0.10449	0.11196	0.10586	0.11828	0.11752	0.11156	5.125
	24 Methyl tert-butyl ether	0.53205	0.53493	0.59469	0.51629	0.56289	0.56258	0.55057	5.141
	25 trans-1,2-Dichloroethene	0.29570	0.26774	0.30274	0.27689	0.28969	0.29196	0.28745	4.474
	26 Hexane	0.05616	0.05424	0.05046	0.06180	0.06747	0.06395	0.05902	10.924
	27 Vinyl acetate	0.56651	0.51964	0.50526	0.54636	0.63271	0.61336	0.56397	9.004
	28 1,1-Dichloroethane	0.60232	0.57763	0.63841	0.58769	0.61656	0.62095	0.60726	3.704
	29 tert-Butyl Alcohol	0.02320	0.02573	0.02193	0.01744	0.01817	+++++	0.02129	16.318
	30 2-Butanone	0.11943	0.10213	0.09921	0.11104	0.12790	0.11867	0.11306	9.750
M	31 1,2-Dichloroethene (total)	0.31022	0.28633	0.31778	0.29144	0.30928	0.30838	0.30390	4.018
	32 cis-1,2-dichloroethene	0.32473	0.30492	0.33282	0.30598	0.32887	0.32479	0.32035	3.724
	33 2,2-Dichloropropane	0.34057	0.32982	0.37677	0.33185	0.36091	0.36673	0.35111	5.602
	34 Bromochloromethane	0.14871	0.14780	0.15838	0.15110	0.15846	0.15579	0.15337	3.123
	35 Chloroform	0.47674	0.47280	0.52238	0.48902	0.51581	0.51219	0.49816	4.287

Report Date : 18-May-2010 08:26

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 08:17
End Cal Date : 17-MAY-2010 13:10
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Last Edit : 17-May-2010 13:50 quayler
Curve Type : Average

	Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	___ RRF	% RSD	
	36 Tetrahydrofuran	0.11902	0.09759	0.08327	0.08329	0.09150	0.08560	0.09338	14.709	
	37 1,1,1-Trichloroethane	0.41089	0.39029	0.45748	0.42250	0.44925	0.45167	0.43035	6.229	
	38 1,1-Dichloropropene	0.38964	0.36548	0.38432	0.38315	0.40355	0.39377	0.38665	3.294	
	39 Carbon Tetrachloride	0.35749	0.35739	0.39304	0.37667	0.40498	0.41158	0.38353	6.110	
	40 1,2-Dichloroethane	0.47273	0.45615	0.47936	0.48264	0.51058	0.48643	0.48132	3.711	
	41 Benzene	1.17975	1.05247	1.12475	1.08850	1.15519	1.14210	1.12379	4.133	
	42 Trichloroethene	0.31943	0.31897	0.33143	0.32543	0.34293	0.33211	0.32838	2.765	
	43 1,2-Dichloropropane	0.30348	0.29741	0.31833	0.32350	0.34869	0.33072	0.32035	5.816	
	44 1,4-Dioxane	0.00540	0.00512	0.00348	0.00253	0.00233	+++++	0.00377	37.958	<-
	45 Dibromomethane	0.15346	0.13686	0.14449	0.14364	0.15517	0.14838	0.14700	4.620	
	46 Bromodichloromethane	0.29163	0.28370	0.31793	0.33143	0.36229	0.35682	0.32396	10.057	
	47 2-Chloroethyl vinyl ether	0.14107	0.13702	0.13259	0.15115	0.17334	0.15787	0.14884	10.194	
	48 cis-1,3-Dichloropropene	0.34504	0.34976	0.35700	0.40023	0.44826	0.42582	0.38768	11.232	
	49 4-Methyl-2-pentanone	0.25150	0.21005	0.23872	0.25349	0.29732	0.27731	0.25473	11.892	
	50 Toluene	1.68888	1.67504	1.67233	1.74533	1.76721	1.79441	1.72387	3.023	
	51 trans-1,3-Dichloropropene	0.42570	0.42962	0.45730	0.50962	0.55859	0.54452	0.48756	11.916	
	52 Ethyl Methacrylate	0.34864	0.34456	0.34542	0.38568	0.42684	0.40586	0.37617	9.393	
	53 1,1,2-Trichloroethane	0.28145	0.30634	0.29656	0.30243	0.31569	0.30705	0.30159	3.875	
	54 1,3-Dichloropropane	0.52835	0.51859	0.53287	0.53486	0.55797	0.53441	0.53451	2.432	
	55 Tetrachloroethene	0.37944	0.36910	0.34927	0.37083	0.36311	0.36262	0.36573	2.769	
	56 2-Hexanone	0.21537	0.20451	0.20873	0.23082	0.25740	0.24119	0.22634	9.082	
	57 Dibromochloromethane	0.25985	0.28753	0.32369	0.35074	0.38045	0.38985	0.33202	15.533	
	58 1,2-Dibromoethane	0.27522	0.27465	0.28722	0.30511	0.32213	0.31497	0.29655	6.892	
	59 Chlorobenzene	1.13336	1.11567	1.14088	1.15484	1.18297	1.17912	1.15114	2.295	
	60 1,1,1,2-Tetrachloroethane	0.35181	0.37567	0.41970	0.41473	0.43237	0.45002	0.40738	9.014	
	61 Ethylbenzene	0.60060	0.61430	0.62264	0.61312	0.63117	0.63529	0.61952	2.068	
	62 m + p-Xylene	0.74955	0.73200	0.76172	0.76383	0.78132	0.79947	0.76465	3.091	
M	63 Xylenes (total)	0.74209	0.72707	0.76367	0.75734	0.77367	0.79040	0.75904	2.964	
	64 Xylene-o	0.72717	0.71723	0.76756	0.74437	0.75838	0.77227	0.74783	2.974	
	65 Styrene	1.04508	1.05431	1.13418	1.17090	1.21686	1.22411	1.14090	6.825	
	66 Bromoform	0.12033	0.13099	0.14783	0.17075	0.19888	0.21136	0.16336	22.510	
	67 Isopropylbenzene	1.79354	1.82462	1.95249	1.92137	1.95033	2.04645	1.91480	4.837	
	68 1,1,2,2-Tetrachloroethane	0.60993	0.59011	0.62900	0.63716	0.70289	0.68989	0.64316	6.920	
	69 1,4-Dichloro-2-butene	0.16183	0.17676	0.18732	0.22683	0.29185	0.28483	0.22157	25.306	
	70 1,2,3-Trichloropropane	0.19464	0.20264	0.20380	0.21123	0.22595	0.21395	0.20870	5.205	
	71 Bromobenzene	0.91984	0.90145	0.91095	0.93845	0.96306	0.93881	0.92876	2.414	

Report Date : 18-May-2010 08:26

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 08:17
End Cal Date : 17-MAY-2010 13:10
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Last Edit : 17-May-2010 13:50 quayler
Curve Type : Average

Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
72 n-Propylbenzene	1.00484	0.99621	1.01837	1.08340	1.10286	1.10895	1.05244	4.897	
73 2-Chlorotoluene	0.89254	0.85734	0.89429	0.92382	0.93697	0.94333	0.90805	3.596	
74 1,3,5-Trimethylbenzene	2.93438	2.88549	3.04180	3.10908	3.17120	3.32502	3.07783	5.232	
75 4-Chlorotoluene	0.90585	0.86143	0.90276	0.95162	0.94584	0.93429	0.91697	3.697	
76 tert-Butylbenzene	2.66040	2.65427	2.71646	2.92830	2.98342	3.10392	2.84113	6.679	
77 1,2,4-Trimethylbenzene	2.85409	2.88349	3.04099	3.11997	3.24151	3.36355	3.08393	6.472	
78 sec-Butylbenzene	3.41266	3.43444	3.60112	3.72783	3.87163	4.06680	3.68575	6.932	
79 4-Isopropyltoluene	3.06710	3.10937	3.28268	3.43318	3.54652	3.72984	3.36145	7.660	
80 1,3-Dichlorobenzene	1.78194	1.73524	1.74849	1.77129	1.81805	1.79277	1.77463	1.693	
81 1,4-Dichlorobenzene	1.87847	1.74086	1.71862	1.79475	1.84299	1.82553	1.80020	3.407	
82 n-Butylbenzene	2.47059	2.38496	2.59123	2.57977	2.70080	2.82477	2.59202	6.070	
83 1,2-Dichlorobenzene	1.61907	1.67437	1.67391	1.66327	1.74140	1.74405	1.68601	2.871	
84 1,2-Dibromo-3-chloropropane	0.09882	0.10181	0.11389	0.11731	0.13909	0.14734	0.11971	16.436	
85 1,2,4-Trichlorobenzene	1.28504	1.24743	1.29469	1.21095	1.28859	1.29365	1.27006	2.667	
86 Hexachlorobutadiene	0.50270	0.46884	0.47121	0.47707	0.48406	0.49867	0.48376	2.932	
87 Naphthalene	2.65494	2.77373	2.91550	2.75386	3.09984	3.11082	2.88478	6.588	
88 1,2,3-Trichlorobenzene	1.15057	1.19731	1.26981	1.15595	1.23121	1.19471	1.19993	3.776	
89 Ethyl Ether	0.28074	0.28305	0.29239	0.30392	0.30072	0.29523	0.29268	3.178	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
91 3-Chloropropene	0.13487	0.10594	0.14026	0.14124	0.14449	0.14385	0.13511	10.874	
92 Isopropyl Ether	0.25336	0.23345	0.25659	0.25620	0.26167	0.25721	0.25308	3.945	
93 2-Chloro-1,3-butadiene	0.60127	0.58408	0.64270	0.64789	0.65880	0.66320	0.63299	5.140	
94 Propionitrile	0.02868	0.03293	0.02924	0.02980	0.03139	0.02595	0.02967	8.062	
95 Ethyl Acetate	0.29173	0.25024	0.21227	0.22992	0.24855	0.26796	0.25011	11.156	
96 Methacrylonitrile	0.16941	0.18081	0.15719	0.17198	0.18334	0.19569	0.17640	7.510	
97 Isobutanol	0.01693	0.01875	0.01531	0.01382	0.01232	0.00502	0.01369	35.163	<-
98 Cyclohexane	0.75703	0.65210	0.72289	0.71325	0.76374	0.78859	0.73293	6.586	
99 n-Butanol	0.01398	0.01721	0.01355	0.01170	0.00809	0.00103	0.01093	52.148	<-
100 Methyl Methacrylate	0.23365	0.23330	0.21493	0.23726	0.25513	0.28158	0.24264	9.465	
101 2-Nitropropane	0.06148	0.06004	0.04769	0.05488	0.05926	0.06834	0.05861	11.785	
102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
103 Cyclohexanone	0.03914	0.04238	0.03501	0.03064	0.02557	0.01445	0.03120	32.529	
104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-

Report Date : 18-May-2010 08:26

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 08:17
End Cal Date : 17-MAY-2010 13:10
Quant Method : ISTD
Origin : Disabled
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Last Edit : 17-May-2010 13:50 quayler
Curve Type : Average

Compound	5.000 Level 1	10.000 Level 2	25.000 Level 3	50.000 Level 4	100.000 Level 5	200.000 Level 6	RRF	% RSD	
136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
M 137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
141 1,3,5-Trichlorobenzene	1.24479	1.26927	1.31444	1.24337	1.31919	1.33652	1.28793	3.151	
143 Methyl Acetate	0.23786	0.23542	0.23515	0.24172	0.27003	0.25670	0.24615	5.763	
144 Methylcyclohexane	0.47658	0.42310	0.46803	0.47864	0.51932	0.52933	0.48250	7.939	
145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
146 2-Methylnaphthalene	1.64465	1.54540	1.89842	1.90939	1.90980	1.89513	1.80047	9.014	
147 Tetrahydrothiophene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
148 1,4-Dichlorobutane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
151 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
152 Vinyl Acetate-86	0.03084	0.03206	0.03115	0.03732	0.04223	0.04112	0.03579	14.373	
153 1,3-Butadiene	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
154 n-Heptane	+++++	+++++	+++++	+++++	+++++	+++++	+++++	+++++	<-
155 tert-Butyl Ethyl Ether	0.89516	0.77829	0.95900	0.94124	0.92361	0.80885	0.88436	8.373	
156 tert-Amyl Methyl Ether	0.59112	0.50268	0.59355	0.59170	0.58820	0.50169	0.56149	8.187	
157 1,2,3-Trimethylbezene	2.63617	2.52483	2.87859	2.89531	3.08682	3.14265	2.86073	8.496	
$ 4 Dibromofluoromethane	0.28423	0.25525	0.27556	0.26529	0.28266	0.27694	0.27332	4.060	
$ 5 1,2-Dichloroethane-d4	0.38418	0.35256	0.36551	0.35071	0.37419	0.35684	0.36400	3.628	
$ 6 Toluene-d8	1.57507	1.47894	1.51828	1.49467	1.53629	1.57314	1.52940	2.603	
$ 7 Bromofluorobenzene	0.57387	0.52379	0.53369	0.52371	0.53875	0.52329	0.53618	3.644	

Report Date : 18-May-2010 08:37

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 08:17
End Cal Date : 17-MAY-2010 13:10
Quant Method : ISTD
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Last Edit : 17-May-2010 13:50 quayler

Calibration File Names:
Level 1: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8601.D
Level 2: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8600.D
Level 3: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8599.D
Level 4: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D
Level 5: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8597.D
Level 6: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8596.D

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
8 Dichlorodifluoromethane	0.19223	0.18991	0.21094	0.20322	0.23852	0.24379	AVRG		0.21310		10.83142
9 Chloromethane	0.51734	0.42947	0.47603	0.38902	0.41963	0.45840	AVRG		0.44831		10.13766
10 Vinyl Chloride	0.33053	0.30841	0.34399	0.31125	0.33879	0.34394	AVRG		0.32949		4.86285
11 Bromomethane	14892	25232	53516	84850	154279	378762	QUAD	-0.20831	16.04378	-13.14186	0.99659
12 Chloroethane	0.18150	0.17343	0.19680	0.14063	0.15106	0.17298	AVRG		0.16940		12.06999
13 Trichlorofluoromethane	0.24718	0.23151	0.27414	0.24175	0.27171	0.29635	AVRG		0.26044		9.35253
14 Dichlorofluoromethane	41558	55259	181069	351795	652249	1184301	QUAD	0.02526	2.26926	1.12662	0.99964
15 Acrolein	0.03869	0.03652	0.04098	0.03804	0.04240	0.04335	AVRG		0.04000		6.67574
16 Acetone	36888	62963	96518	202381	379693	684963	WLINR	-0.25691	0.08526		0.99778
17 1,1-Dichloroethene	0.23619	0.22512	0.23763	0.22163	0.23870	0.23719	AVRG		0.23274		3.17313
18 Freon-113	0.17427	0.15213	0.18309	0.17130	0.18858	0.19265	AVRG		0.17700		8.28156
19 Iodomethane	0.47155	0.45054	0.49909	0.44634	0.47446	0.48644	AVRG		0.47140		4.31174
20 Carbon Disulfide	0.63980	0.61646	0.71831	0.67031	0.71973	0.75604	AVRG		0.68677		7.78704
21 Methylene Chloride	0.31224	0.27866	0.30103	0.27331	0.28195	0.28277	AVRG		0.28833		5.19975

Report Date : 18-May-2010 08:37

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 17-MAY-2010 08:17
End Cal Date : 17-MAY-2010 13:10
Quant Method : ISTD
Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Last Edit : 17-May-2010 13:50 quayler

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	22 Acetonitrile	0.03156	0.03146	0.03135	0.02825	0.03102	0.02715	AVRG		0.03013		6.38346
	23 Acrylonitrile	0.11125	0.10449	0.11196	0.10586	0.11828	0.11752	AVRG		0.11156		5.12461
	24 Methyl tert-butyl ether	0.53205	0.53493	0.59469	0.51629	0.56289	0.56258	AVRG		0.55057		5.14088
	25 trans-1,2-Dichloroethene	0.29570	0.26774	0.30274	0.27689	0.28969	0.29196	AVRG		0.28745		4.47405
	26 Hexane	0.05616	0.05424	0.05046	0.06180	0.06747	0.06395	AVRG		0.05902		10.92385
	27 Vinyl acetate	0.56651	0.51964	0.50526	0.54636	0.63271	0.61336	AVRG		0.56397		9.00355
	28 1,1-Dichloroethane	0.60232	0.57763	0.63841	0.58769	0.61656	0.62095	AVRG		0.60726		3.70399
	29 tert-Butyl Alcohol	46158	105669	204381	376780	729948	+++++	LINR	-1.32041	0.01749		0.99565
	30 2-Butanone	0.11943	0.10213	0.09921	0.11104	0.12790	0.11867	AVRG		0.11306		9.75046
M	31 1,2-Dichloroethene (total)	0.31022	0.28633	0.31778	0.29144	0.30928	0.30838	AVRG		0.30390		4.01813
	32 cis-1,2-dichloroethene	0.32473	0.30492	0.33282	0.30598	0.32887	0.32479	AVRG		0.32035		3.72409
	33 2,2-Dichloropropane	0.34057	0.32982	0.37677	0.33185	0.36091	0.36673	AVRG		0.35111		5.60179
	34 Bromochloromethane	0.14871	0.14780	0.15838	0.15110	0.15846	0.15579	AVRG		0.15337		3.12275
	35 Chloroform	0.47674	0.47280	0.52238	0.48902	0.51581	0.51219	AVRG		0.49816		4.28686
	36 Tetrahydrofuran	0.11902	0.09759	0.08327	0.08329	0.09150	0.08560	AVRG		0.09338		14.70855
	37 1,1,1-Trichloroethane	0.41089	0.39029	0.45748	0.42250	0.44925	0.45167	AVRG		0.43035		6.22910
	38 1,1-Dichloropropene	0.38964	0.36548	0.38432	0.38315	0.40355	0.39377	AVRG		0.38665		3.29401
	39 Carbon Tetrachloride	0.35749	0.35739	0.39304	0.37667	0.40498	0.41158	AVRG		0.38353		6.11042
	40 1,2-Dichloroethane	0.47273	0.45615	0.47936	0.48264	0.51058	0.48643	AVRG		0.48132		3.71128
	41 Benzene	1.17975	1.05247	1.12475	1.08850	1.15519	1.14210	AVRG		1.12379		4.13280
	42 Trichloroethene	0.31943	0.31897	0.33143	0.32543	0.34293	0.33211	AVRG		0.32838		2.76518
	43 1,2-Dichloropropane	0.30348	0.29741	0.31833	0.32350	0.34869	0.33072	AVRG		0.32035		5.81572

Report Date : 18-May-2010 08:37

TestAmerica North Canton

INITIAL CALIBRATION DATA

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Target Version : 4.14
Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Last Edit : 17-May-2010 13:50 quayler

	Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
	44 1,4-Dioxane	26867	52564	80977	136671	233474	+++++	LINR	-12.26058	0.00209		0.99232	<-
	45 Dibromomethane	0.15346	0.13686	0.14449	0.14364	0.15517	0.14838	AVRG		0.14700		4.62029	
	46 Bromodichloromethane	0.29163	0.28370	0.31793	0.33143	0.36229	0.35682	AVRG		0.32396		10.05654	
	47 2-Chloroethyl vinyl ether	0.14107	0.13702	0.13259	0.15115	0.17334	0.15787	AVRG		0.14884		10.19384	
	48 cis-1,3-Dichloropropene	0.34504	0.34976	0.35700	0.40023	0.44826	0.42582	AVRG		0.38768		11.23177	
	49 4-Methyl-2-pentanone	0.25150	0.21005	0.23872	0.25349	0.29732	0.27731	AVRG		0.25473		11.89189	
	50 Toluene	1.68888	1.67504	1.67233	1.74533	1.76721	1.79441	AVRG		1.72387		3.02307	
	51 trans-1,3-Dichloropropene	0.42570	0.42962	0.45730	0.50962	0.55859	0.54452	AVRG		0.48756		11.91603	
	52 Ethyl Methacrylate	0.34864	0.34456	0.34542	0.38568	0.42684	0.40586	AVRG		0.37617		9.39279	
	53 1,1,2-Trichloroethane	0.28145	0.30634	0.29656	0.30243	0.31569	0.30705	AVRG		0.30159		3.87465	
	54 1,3-Dichloropropane	0.52835	0.51859	0.53287	0.53486	0.55797	0.53441	AVRG		0.53451		2.43191	
	55 Tetrachloroethene	0.37944	0.36910	0.34927	0.37083	0.36311	0.36262	AVRG		0.36573		2.76889	
	56 2-Hexanone	0.21537	0.20451	0.20873	0.23082	0.25740	0.24119	AVRG		0.22634		9.08153	
	57 Dibromochloromethane	17598	38257	98355	254785	541317	1027288	WLINR	0.04625	0.38811		0.99861	
	58 1,2-Dibromoethane	0.27522	0.27465	0.28722	0.30511	0.32213	0.31497	AVRG		0.29655		6.89196	
	59 Chlorobenzene	1.13336	1.11567	1.14088	1.15484	1.18297	1.17912	AVRG		1.15114		2.29480	
	60 1,1,1,2-Tetrachloroethane	0.35181	0.37567	0.41970	0.41473	0.43237	0.45002	AVRG		0.40738		9.01377	
	61 Ethylbenzene	0.60060	0.61430	0.62264	0.61312	0.63117	0.63529	AVRG		0.61952		2.06776	
	62 m + p-Xylene	0.74955	0.73200	0.76172	0.76383	0.78132	0.79947	AVRG		0.76465		3.09144	
M	63 Xylenes (total)	0.74209	0.72707	0.76367	0.75734	0.77367	0.79040	AVRG		0.75904		2.96419	
	64 Xylene-o	0.72717	0.71723	0.76756	0.74437	0.75838	0.77227	AVRG		0.74783		2.97378	
	65 Styrene	1.04508	1.05431	1.13418	1.17090	1.21686	1.22411	AVRG		1.14090		6.82522	

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TestAmerica North Canton

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Integrator : HP RTE
Method file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Last Edit : 17-May-2010 13:50 quayler

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
66 Bromoform	8149	17429	44921	124040	282975	556949	WLINR	0.06802	0.20745		0.99397
67 Isopropylbenzene	1.79354	1.82462	1.95249	1.92137	1.95033	2.04645	AVRG		1.91480		4.83712
68 1,1,2,2-Tetrachloroethane	0.60993	0.59011	0.62900	0.63716	0.70289	0.68989	AVRG		0.64316		6.92037
69 1,4-Dichloro-2-butene	5460	11759	29262	81004	202609	369067	WLINR	0.07259	0.28658		0.99085
70 1,2,3-Trichloropropane	0.19464	0.20264	0.20380	0.21123	0.22595	0.21395	AVRG		0.20870		5.20476
71 Bromobenzene	0.91984	0.90145	0.91095	0.93845	0.96306	0.93881	AVRG		0.92876		2.41444
72 n-Propylbenzene	1.00484	0.99621	1.01837	1.08340	1.10286	1.10895	AVRG		1.05244		4.89734
73 2-Chlorotoluene	0.89254	0.85734	0.89429	0.92382	0.93697	0.94333	AVRG		0.90805		3.59600
74 1,3,5-Trimethylbenzene	2.93438	2.88549	3.04180	3.10908	3.17120	3.32502	AVRG		3.07783		5.23226
75 4-Chlorotoluene	0.90585	0.86143	0.90276	0.95162	0.94584	0.93429	AVRG		0.91697		3.69655
76 tert-Butylbenzene	2.66040	2.65427	2.71646	2.92830	2.98342	3.10392	AVRG		2.84113		6.67870
77 1,2,4-Trimethylbenzene	2.85409	2.88349	3.04099	3.11997	3.24151	3.36355	AVRG		3.08393		6.47176
78 sec-Butylbenzene	3.41266	3.43444	3.60112	3.72783	3.87163	4.06680	AVRG		3.68575		6.93233
79 4-Isopropyltoluene	3.06710	3.10937	3.28268	3.43318	3.54652	3.72984	AVRG		3.36145		7.66001
80 1,3-Dichlorobenzene	1.78194	1.73524	1.74849	1.77129	1.81805	1.79277	AVRG		1.77463		1.69318
81 1,4-Dichlorobenzene	1.87847	1.74086	1.71862	1.79475	1.84299	1.82553	AVRG		1.80020		3.40664
82 n-Butylbenzene	2.47059	2.38496	2.59123	2.57977	2.70080	2.82477	AVRG		2.59202		6.07003
83 1,2-Dichlorobenzene	1.61907	1.67437	1.67391	1.66327	1.74140	1.74405	AVRG		1.68601		2.87100
84 1,2-Dibromo-3-chloropropane	3334	6773	17791	41893	96559	190909	WLINR	0.05405	0.14404		0.99438
85 1,2,4-Trichlorobenzene	1.28504	1.24743	1.29469	1.21095	1.28859	1.29365	AVRG		1.27006		2.66699
86 Hexachlorobutadiene	0.50270	0.46884	0.47121	0.47707	0.48406	0.49867	AVRG		0.48376		2.93232
87 Naphthalene	2.65494	2.77373	2.91550	2.75386	3.09984	3.11082	AVRG		2.88478		6.58793

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TestAmerica North Canton

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Last Edit : 17-May-2010 13:50 quayler

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
88 1,2,3-Trichlorobenzene	1.15057	1.19731	1.26981	1.15595	1.23121	1.19471	AVRG		1.19993		3.77610	
89 Ethyl Ether	0.28074	0.28305	0.29239	0.30392	0.30072	0.29523	AVRG		0.29268		3.17833	
90 Ethanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
91 3-Chloropropene	0.13487	0.10594	0.14026	0.14124	0.14449	0.14385	AVRG		0.13511		10.87373	
92 Isopropyl Ether	0.25336	0.23345	0.25659	0.25620	0.26167	0.25721	AVRG		0.25308		3.94472	
93 2-Chloro-1,3-butadiene	0.60127	0.58408	0.64270	0.64789	0.65880	0.66320	AVRG		0.63299		5.14022	
94 Propionitrile	0.02868	0.03293	0.02924	0.02980	0.03139	0.02595	AVRG		0.02967		8.06198	
95 Ethyl Acetate	0.29173	0.25024	0.21227	0.22992	0.24855	0.26796	AVRG		0.25011		11.15599	
96 Methacrylonitrile	0.16941	0.18081	0.15719	0.17198	0.18334	0.19569	AVRG		0.17640		7.51021	
97 Isobutanol	20701	51264	90258	173618	337048	+++++	LINR	-2.08432	0.01193		0.99592	
98 Cyclohexane	0.75703	0.65210	0.72289	0.71325	0.76374	0.78859	AVRG		0.73293		6.58568	
99 n-Butanol	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	
100 Methyl Methacrylate	0.23365	0.23330	0.21493	0.23726	0.25513	0.28158	AVRG		0.24264		9.46507	
101 2-Nitropropane	0.06148	0.06004	0.04769	0.05488	0.05926	0.06834	AVRG		0.05861		11.78550	
102 Chloropicrin	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
103 Cyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.03455		19.33571	
104 Pentachloroethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
105 Benzyl Chloride	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
134 Thiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
135 Crotononitrile(1st Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
136 Crotononitrile(2nd Isomer)	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
M 137 Total Crotononitrile	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-

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Last Edit : 17-May-2010 13:50 quayler

Compound	5.0000 Level 1	10.0000 Level 2	25.0000 Level 3	50.0000 Level 4	100.0000 Level 5	200.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2	
138 Paraldehyde	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
139 3,3,5-Trimethylcyclohexanone	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
140 1-Chlorohexane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
141 1,3,5-Trichlorobenzene	1.24479	1.26927	1.31444	1.24337	1.31919	1.33652	AVRG		1.28793		3.15108	
143 Methyl Acetate	0.23786	0.23542	0.23515	0.24172	0.27003	0.25670	AVRG		0.24615		5.76341	
144 Methylcyclohexane	0.47658	0.42310	0.46803	0.47864	0.51932	0.52933	AVRG		0.48250		7.93918	
145 Dimethoxymethane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
146 2-Methylnaphthalene	1.64465	1.54540	1.89842	1.90939	1.90980	1.89513	AVRG		1.80047		9.01446	
147 Tetrahydrothiophene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
148 1,4-Dichlorobutane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
151 Ethyl Acrylate	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
152 Vinyl Acetate-86	0.03084	0.03206	0.03115	0.03732	0.04223	0.04112	AVRG		0.03579		14.37280	
153 1,3-Butadiene	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
154 n-Heptane	+++++	+++++	+++++	+++++	+++++	+++++	AVRG		0.000e+000		0.000e+000	<-
155 tert-Butyl Ethyl Ether	0.89516	0.77829	0.95900	0.94124	0.92361	0.80885	AVRG		0.88436		8.37326	
156 tert-Amyl Methyl Ether	0.59112	0.50268	0.59355	0.59170	0.58820	0.50169	AVRG		0.56149		8.18731	
157 1,2,3-Trimethylbezene	2.63617	2.52483	2.87859	2.89531	3.08682	3.14265	AVRG		2.86073		8.49615	
$ 4 Dibromofluoromethane	0.28423	0.25525	0.27556	0.26529	0.28266	0.27694	AVRG		0.27332		4.05974	
$ 5 1,2-Dichloroethane-d4	0.38418	0.35256	0.36551	0.35071	0.37419	0.35684	AVRG		0.36400		3.62826	
$ 6 Toluene-d8	1.57507	1.47894	1.51828	1.49467	1.53629	1.57314	AVRG		1.52940		2.60256	
$ 7 Bromofluorobenzene	0.57387	0.52379	0.53369	0.52371	0.53875	0.52329	AVRG		0.53618		3.64400	

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Last Edit : 17-May-2010 13:50 quayler

Curve	Formula	Units
Averaged	Amt = Rsp/m1	Response
Linear	Amt = b + Rsp/m1	Response
Wt Linear	Amt = b + Rsp/m1	Response
Quad	Amt = b + m1*Rsp + m2*Rsp^2	Response

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

North Canton

Work Instruction WI-NC-041A_110308

Effective _____

Data review checklist: 8260 A/8260B/624 Initial Calibration

Method (check the applicable box): ☐ 8260A ☑ 8260B ☐ 624

Analysis Date: 5/19/10 **Run batch ID:** 0138028

Curve ID: C00517A-IC.b **(curve ID must include instrument designation and date reference)**

Acceptance criteria is found in the applicable laboratory SOP. If item is N/A, mark as such in Notes column

Item for review	**Level I** Yes No	**Level II** Yes No
Tune:		
BFB passes, all points within 12 hr clock (24 hr for 624)	Yes	Yes
All calibration points ID'd on Calibration Summary Form	Yes	Yes
Documentation: Raw data and run logs present for all points	Yes	Yes
Run log and Raw data clearly indicate method by version	Yes	Yes
RLs: Minimum of 5 points, lowest standards at or below RL	Yes	Yes
Linearity: 8260 CCCs ≤ 30% RSD	Yes	Yes
Linear Regression curve fit for all >15% RSD (35% 624) r2>0.980 (r>0.990)	Yes	Yes
Plots for all Linear Regressions printed	Yes	Yes
Response: SPCCs all pass minimum response factors	Yes	Yes
ICV- Second source standard Analytes 60-140% recovery, problem compounds may be allowed outside these limits, but must be evaluated (acrolein, acrylonitrile, 2-ceve, propionitrile, trans 1,4-dichloro-2-butene) Internal Standards 50-200% of recent curve	Yes	Yes
Manual integrations: necessary, correct & documented	NA	NA
Other: Verify Avg RF on Cal Summary matches Avg RF on Con Cal form	NA	NA

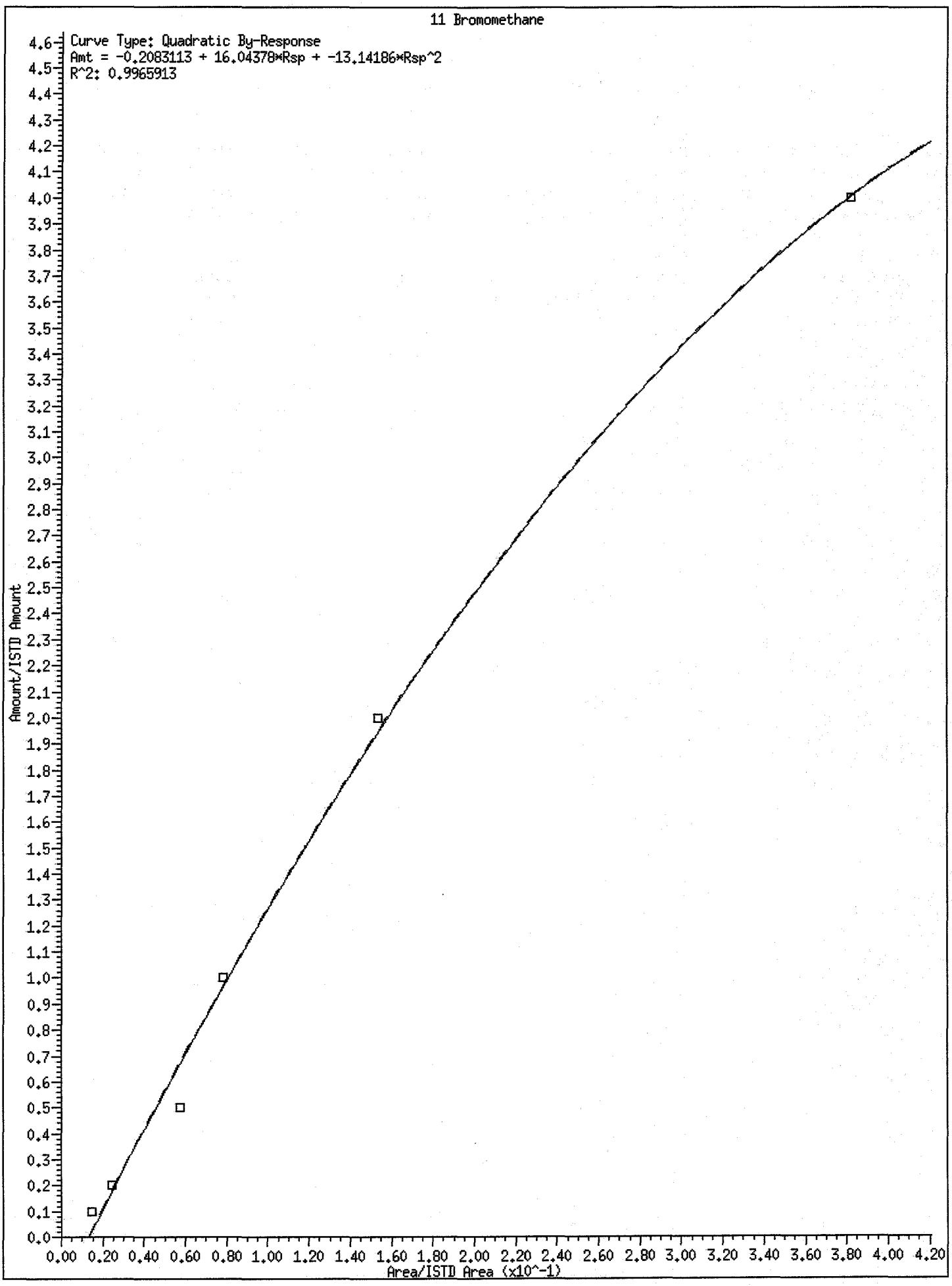
Reviewed by Analyst/ Level I: [signature] Date: 5/18/10

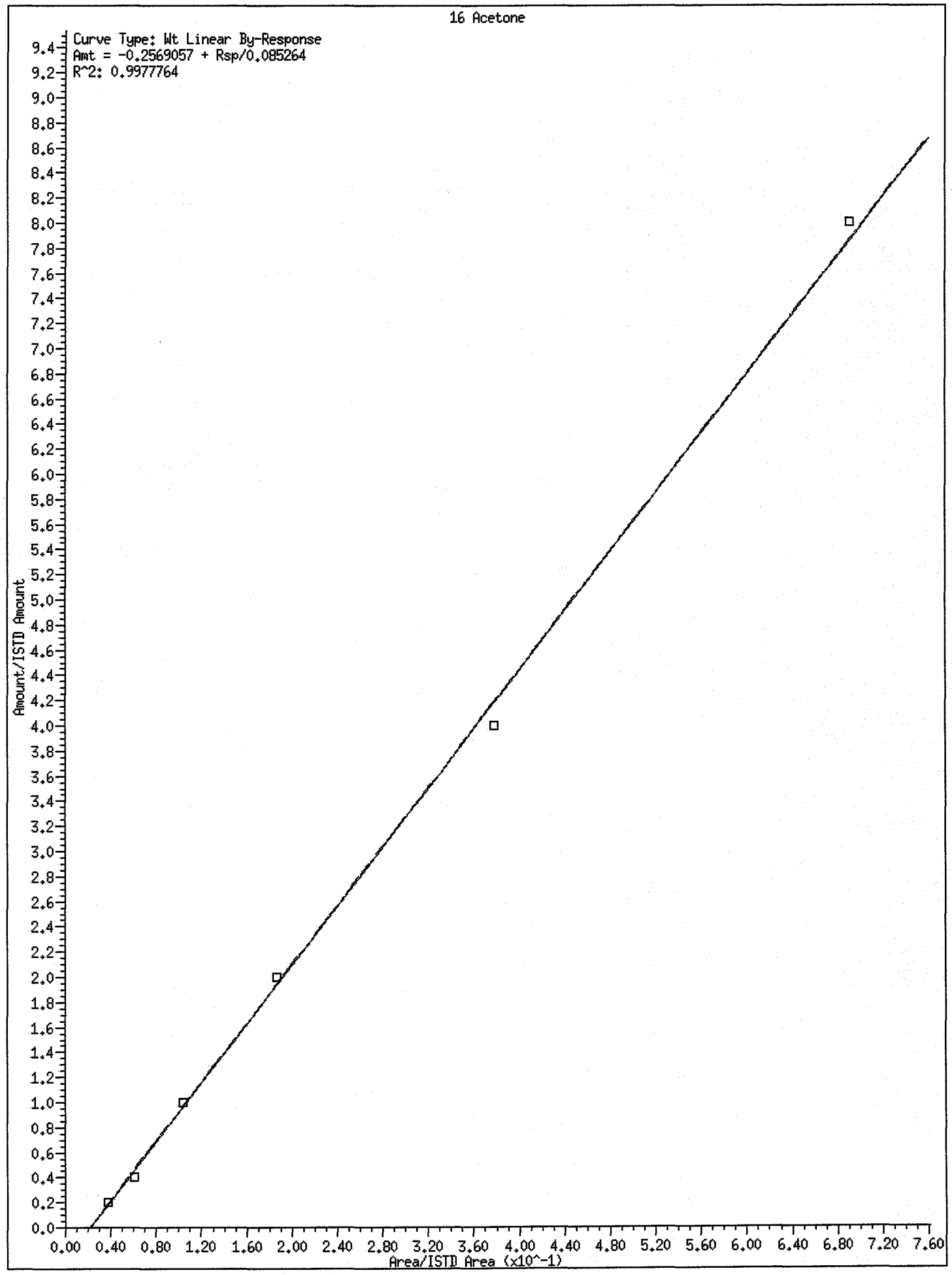
Reviewed by Peer/Sup/ Level II: [signature] Date: 5-20-10

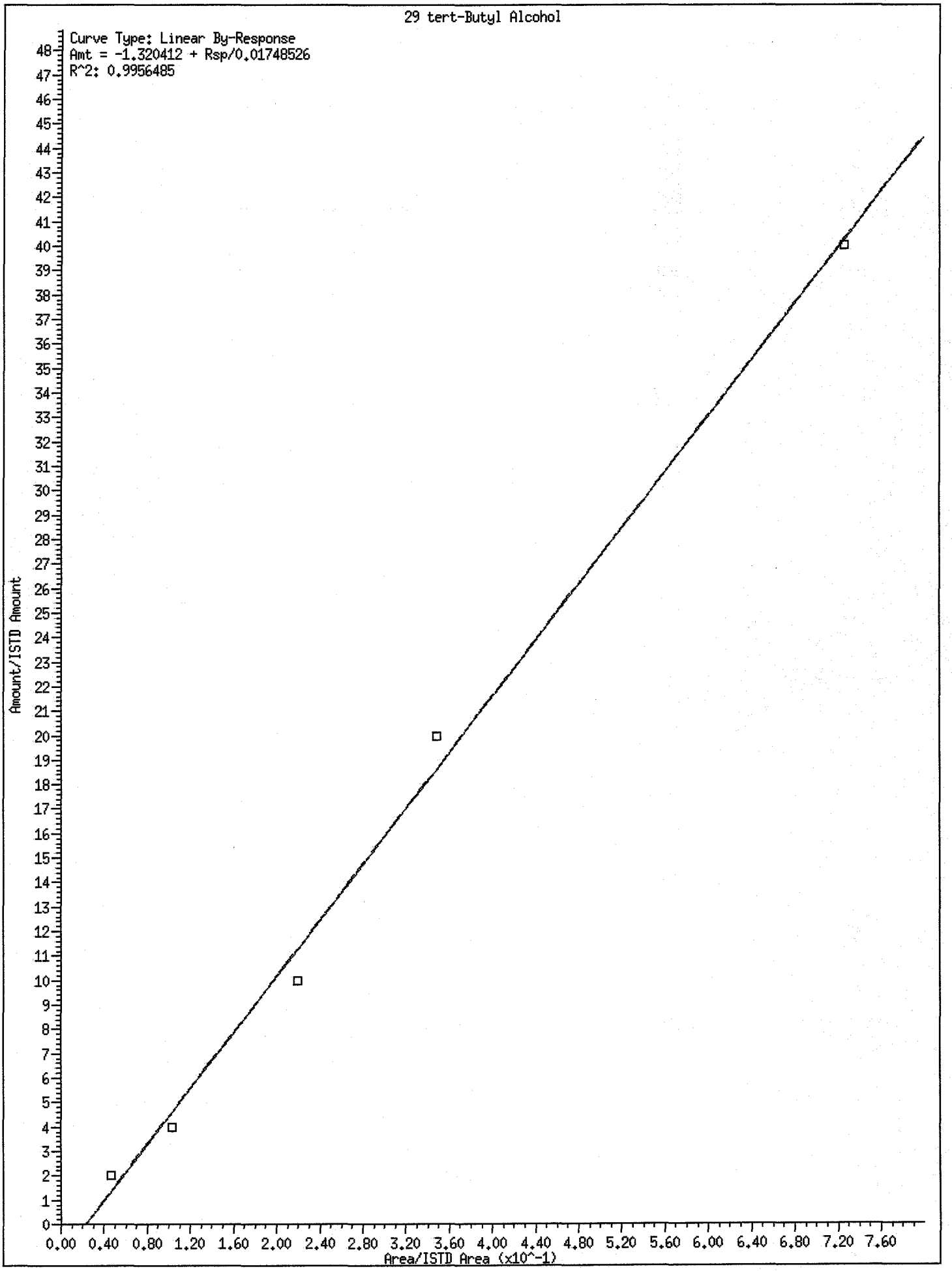
By signing in "Reviewed by" above I agree that I have reviewed the data as indicated on this checklist.

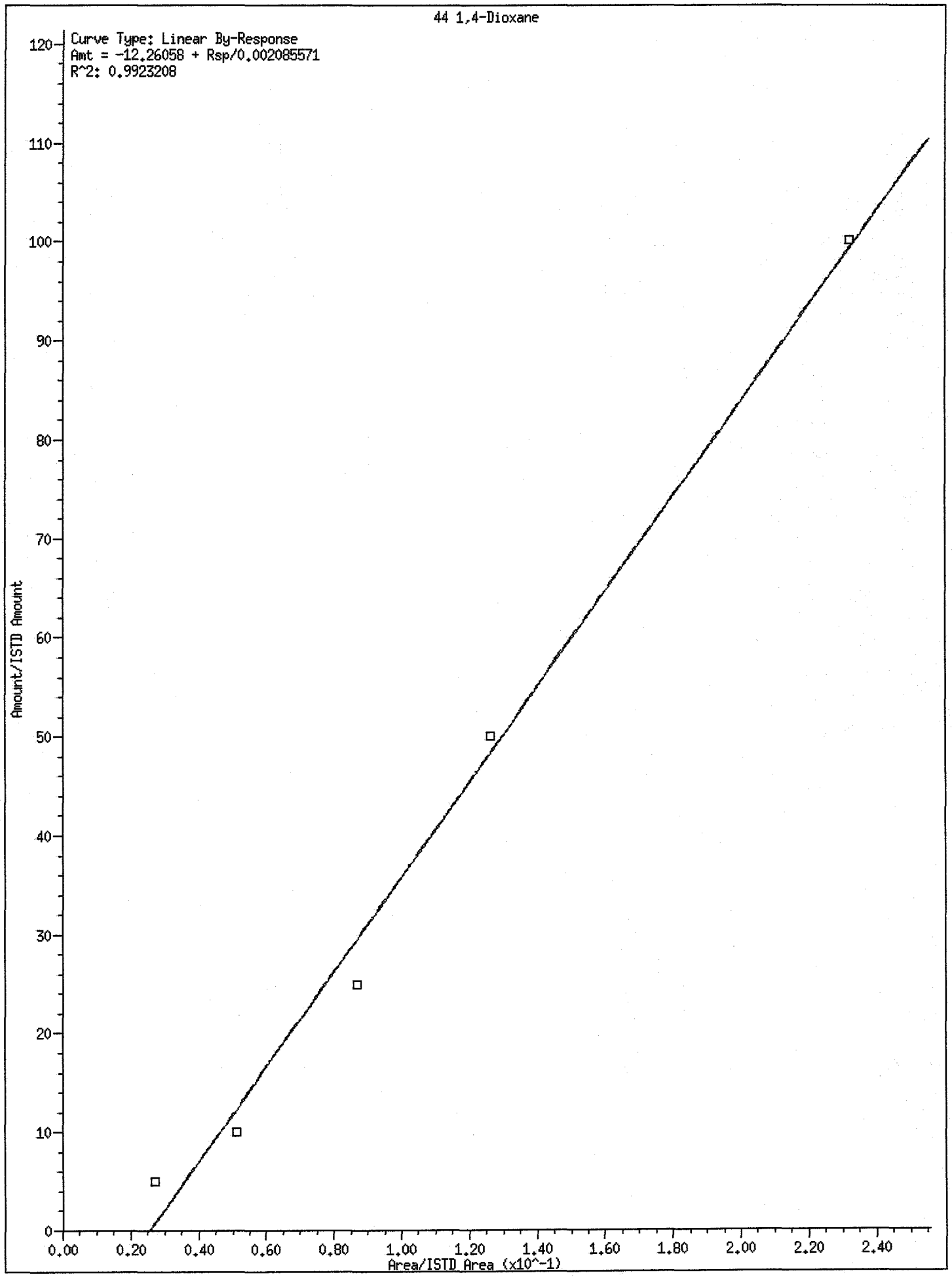
*Peer/Sup only: In addition to the items above, all manual integrations in this package have been reviewed and found acceptable.

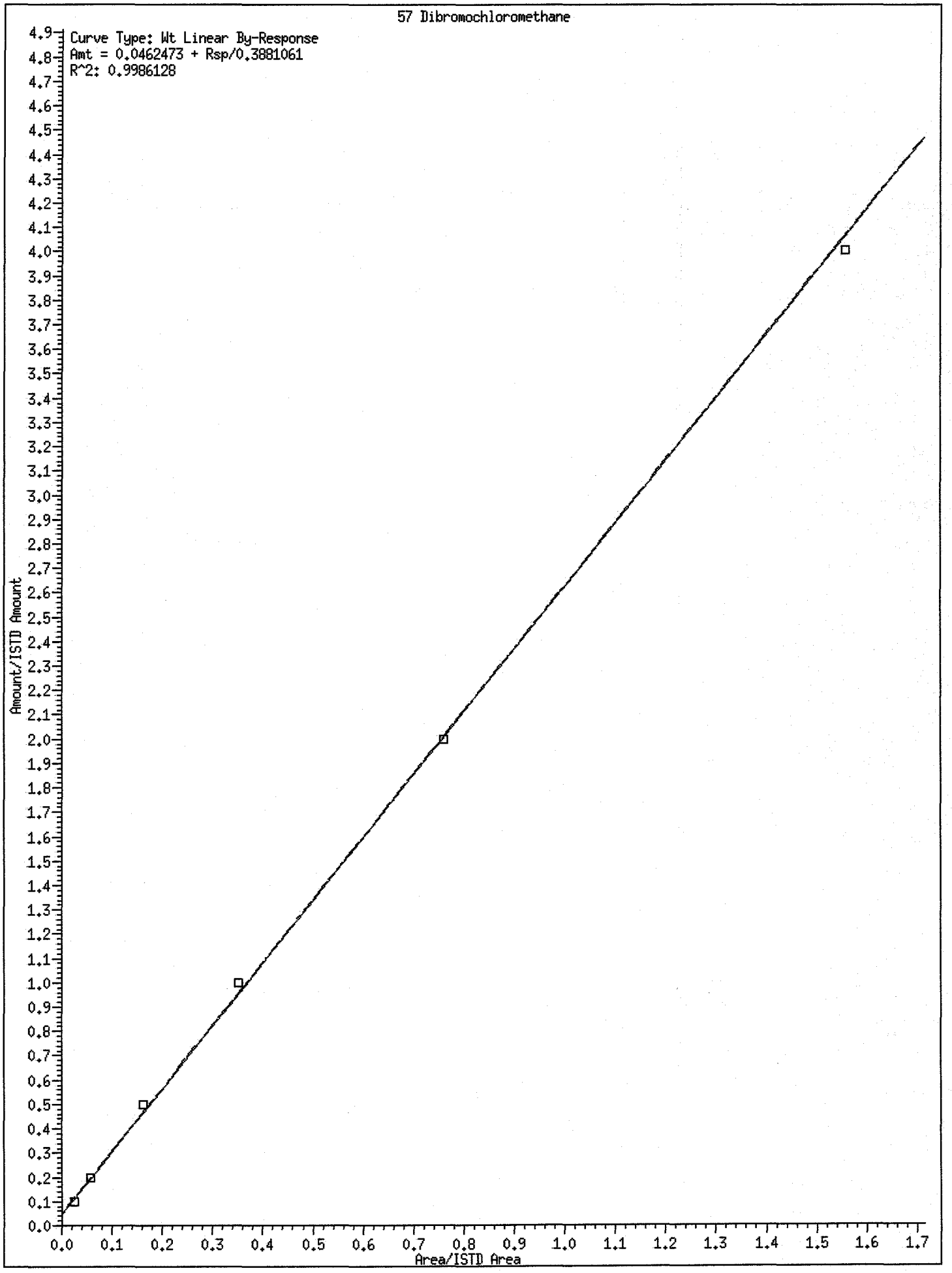
Reviewed by Peer/Sup:_____ Date:_____

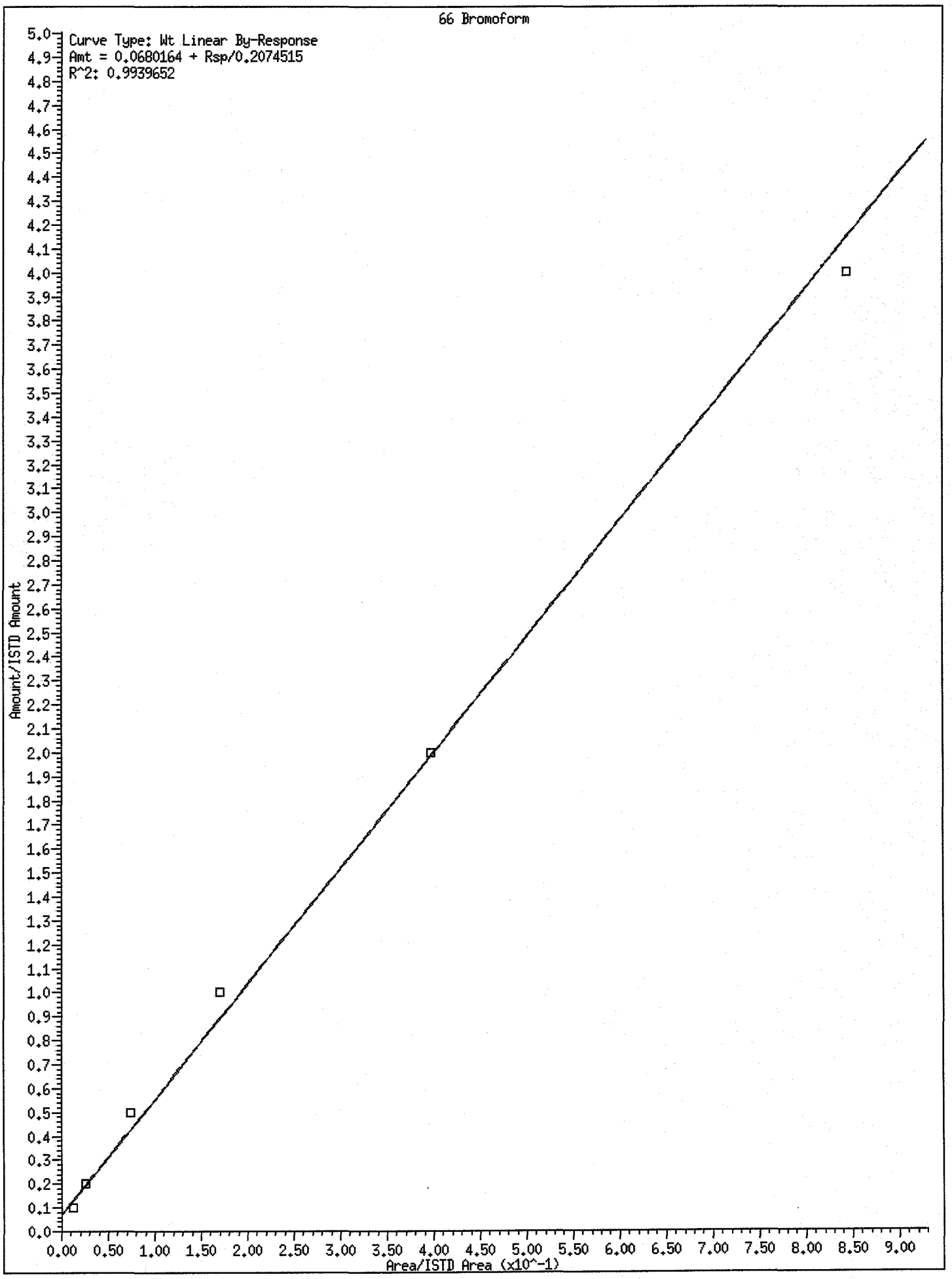

11 Bromomethane
Curve Type: Quadratic By-Response
Amt = -0.2083113 + 16.04378*Rsp + -13.14186*Rsp^2
R^2: 0.9965913
Amount/ISTD Amount
Area/ISTD Area (x10^-1)

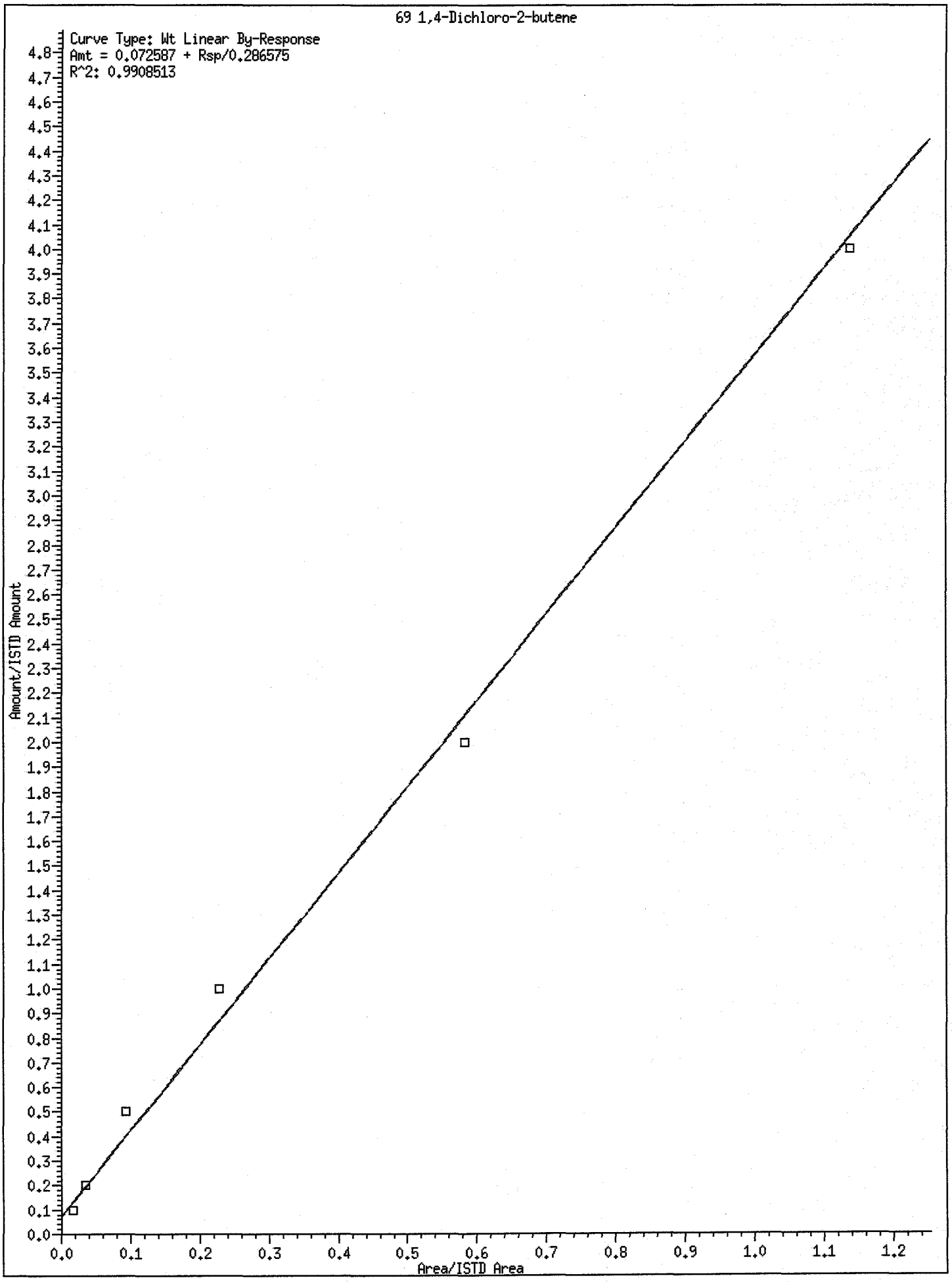

16 Acetone
Curve Type: Wt Linear By-Response
Amt = -0.2569057 + Rsp/0.085264
R^2: 0.9977764
Amount/ISTD Amount
Area/ISTD Area (x10^-1)

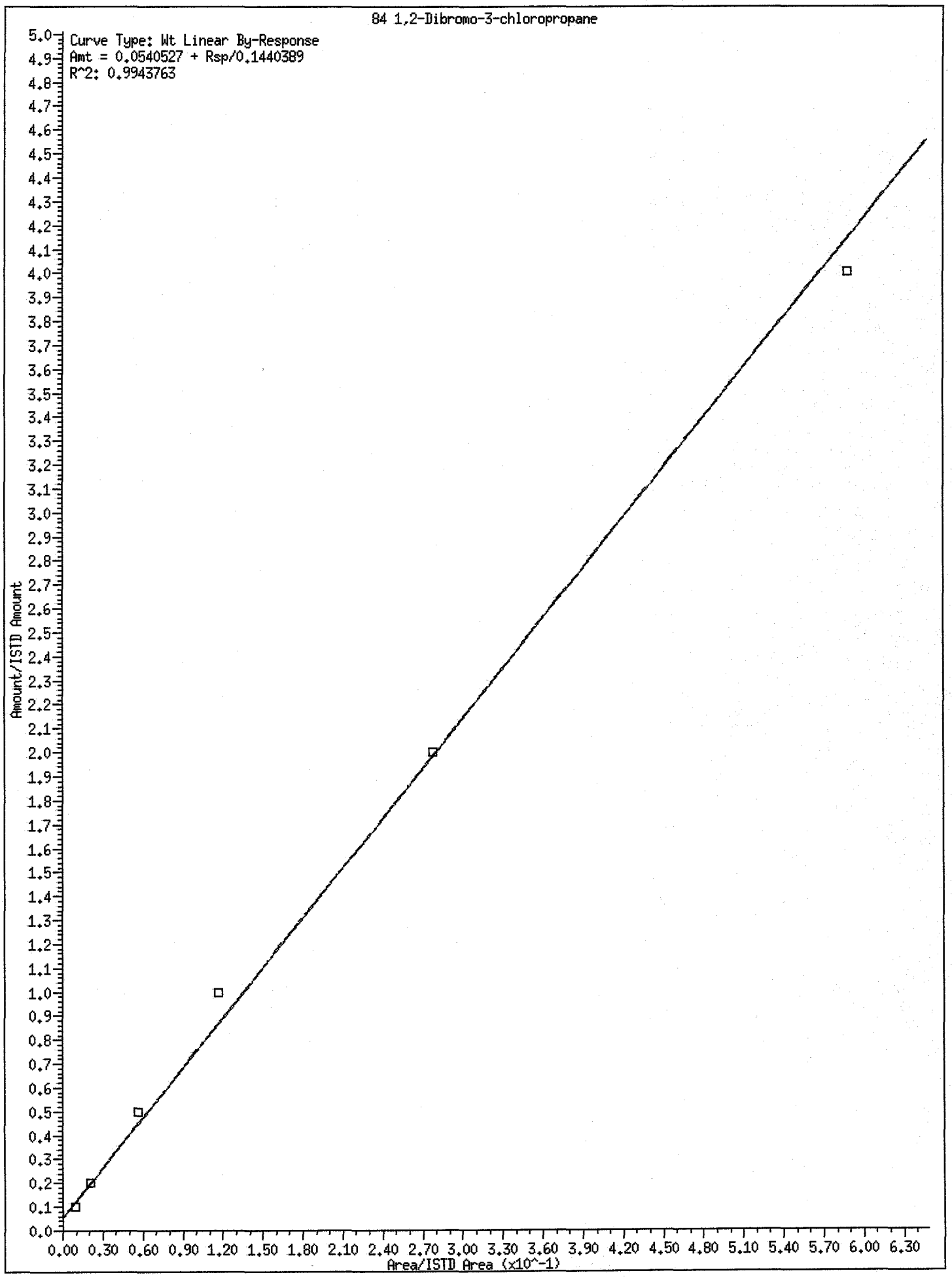

29 tert-Butyl Alcohol
Curve Type: Linear By-Response
Amt = -1.320412 + Rsp/0.01748526
R^2: 0.9956485
Amount/ISTD Amount
Area/ISTD Area (x10^-1)

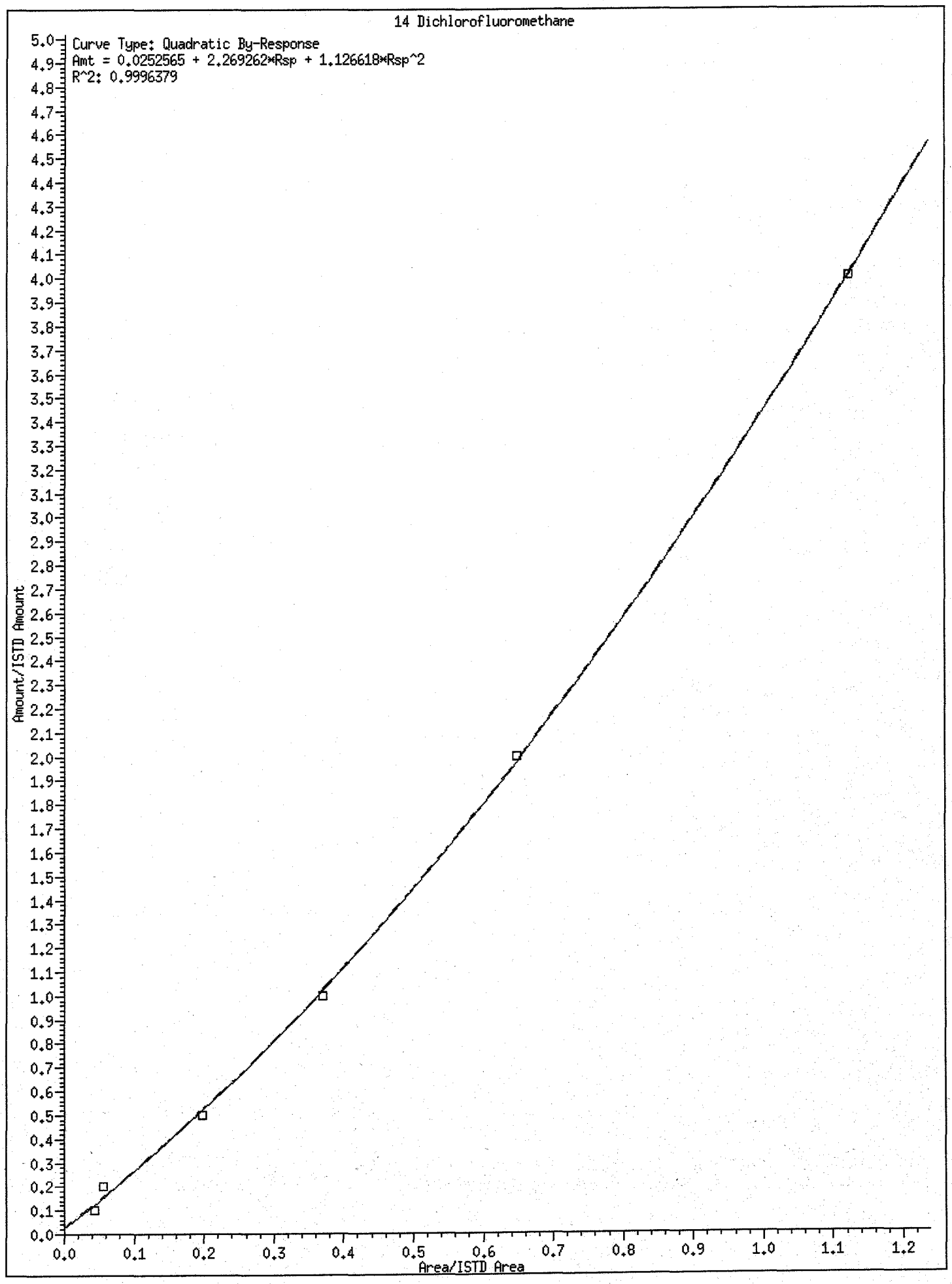

44 1,4-Dioxane
Curve Type: Linear By-Response
Amt = -12.26058 + Rsp/0.002085571
R^2: 0.9923208
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0
10
20
30
40
50
60
70
80
90
100
110
120
0.00
0.20
0.40
0.60
0.80
1.00
1.20
1.40
1.60
1.80
2.00
2.20
2.40

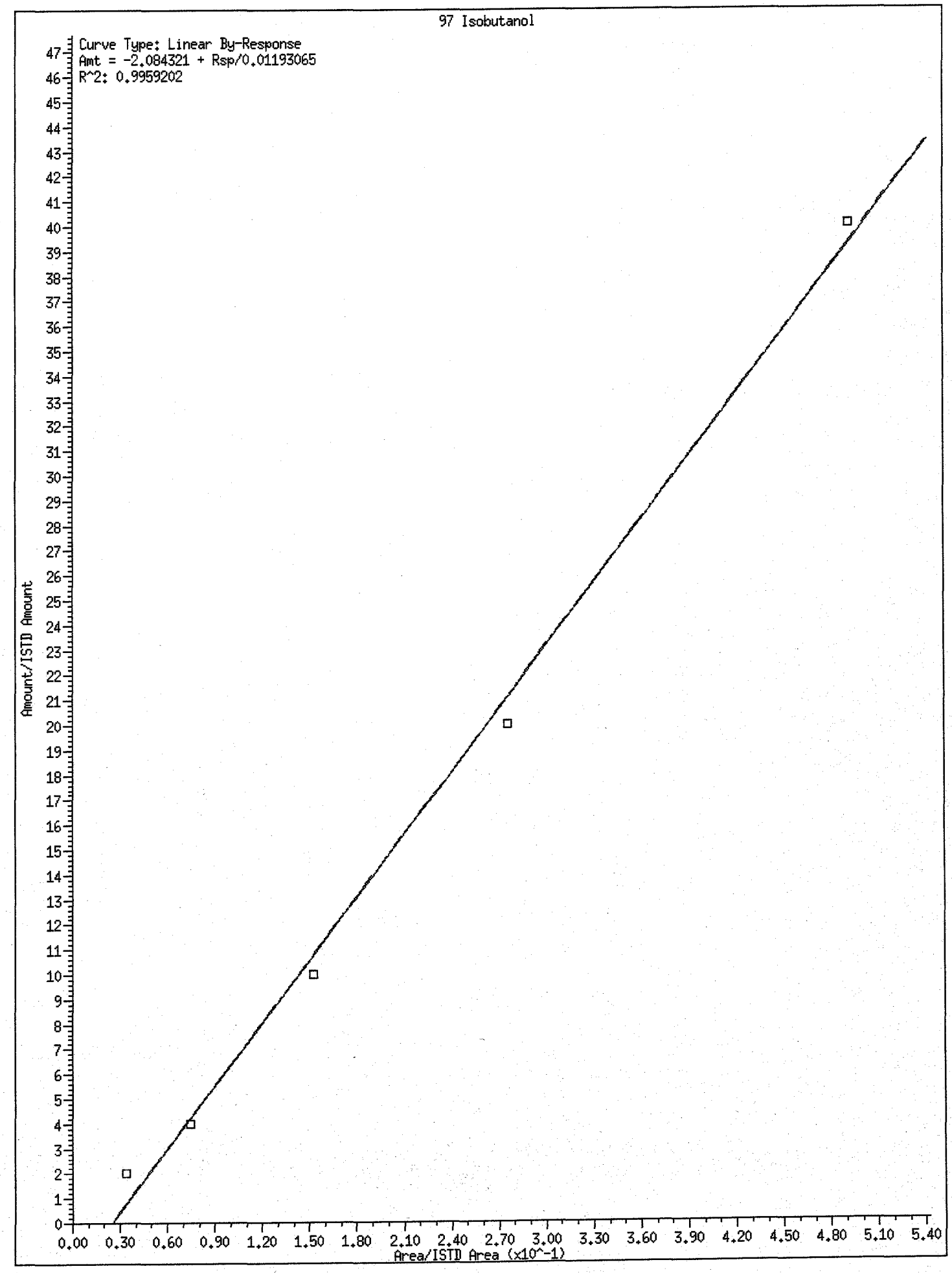

57 Dibromochloromethane
Curve Type: Wt Linear By-Response
Amt = 0.0462473 + Rsp/0.3881061
R^2: 0.9986128
Amount/ISTD Amount
Area/ISTD Area


66 Bromoform
Curve Type: Wt Linear By-Response
Amt = 0.0680164 + Rsp/0.2074515
R^2: 0.9939652
Amount/ISTD Amount
Area/ISTD Area (x10^-1)


69 1,4-Dichloro-2-butene
Curve Type: Wt Linear By-Response
Amt = 0.072587 + Rsp/0.286575
R^2: 0.9908513
Amount/ISTD Amount
Area/ISTD Area


84 1,2-Dibromo-3-chloropropane
Curve Type: Wt Linear By-Response
Amt = 0.0540527 + Rsp/0.1440389
R^2: 0.9943763
Amount/ISTD Amount
Area/ISTD Area (x10^-1)


14 Dichlorofluoromethane
Curve Type: Quadratic By-Response
Amt = 0.0252565 + 2.269262*Rsp + 1.126618*Rsp^2
R^2: 0.9996379
Amount/ISTD Amount
Area/ISTD Area


97 Isobutanol
Curve Type: Linear By-Response
Amt = -2.084321 + Rsp/0.01193065
R^2: 0.9959202
Amount/ISTD Amount
Area/ISTD Area (x10^-1)
0.00 0.30 0.60 0.90 1.20 1.50 1.80 2.10 2.40 2.70 3.00 3.30 3.60 3.90 4.20 4.50 4.80 5.10 5.40
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8589.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8589.D
Lab Smp Id: 200NG-IC
Inj Date : 17-MAY-2010 08:17
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 200NG-IC
Misc Info : C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,6
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 13:10 Cal File: UXC8601.D
Als bottle: 2 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	989989	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	658771	50.0000	(H)
* 3 1,4-Dichlorobenzene-d4	152	11.408	11.408	(1.000)	323932	50.0000	
$ 4 Dibromofluoromethane	113	6.036	6.036	(0.898)	1096679	200.000	202.65
$ 5 1,2-Dichloroethane-d4	65	6.380	6.380	(0.949)	1413063	200.000	196.06
$ 6 Toluene-d8	98	8.195	8.195	(0.868)	4145345	200.000	205.72
$ 7 Bromofluorobenzene	95	10.424	10.424	(1.104)	1378905	200.000	195.19
8 Dichlorodifluoromethane	85	1.388	1.388	(0.206)	965404	200.000	228.80
9 Chloromethane	50	1.554	1.554	(0.231)	1815225	200.000	204.50
10 Vinyl Chloride	62	1.661	1.661	(0.247)	1361972	200.000	208.77
11 Bromomethane	94	2.005	2.005	(0.298)	378762	200.000	200.31
12 Chloroethane	64	2.111	2.111	(0.314)	684997	200.000	204.23
13 Trichlorofluoromethane	101	2.384	2.384	(0.355)	1173534	200.000	227.58
15 Acrolein	56	2.882	2.882	(0.429)	1716612	2000.00	2167.7
16 Acetone	43	3.084	3.084	(0.459)	684963	400.000	392.89
17 1,1-Dichloroethene	96	2.989	2.989	(0.445)	939253	200.000	203.82
18 Freon-113	151	3.024	3.024	(0.450)	762883	200.000	217.68
19 Iodomethane	142	3.167	3.167	(0.471)	1926285	200.000	206.38
20 Carbon Disulfide	76	3.238	3.238	(0.482)	2993874	200.000	220.17
21 Methylene Chloride	84	3.677	3.677	(0.547)	1119765	200.000	196.15
22 Acetonitrile	41	3.463	3.463	(0.515)	1075130	2000.00	1802.1
23 Acrylonitrile	53	4.092	4.092	(0.609)	930738	400.000	421.36

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8589.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	4.139	4.139	(0.616)	2227776	200.000	204.36
25 trans-1,2-Dichloroethene	96	4.115	4.115	(0.612)	1156164	200.000	203.14
26 Hexane	86	4.554	4.554	(0.677)	253245	200.000	216.73
27 Vinyl acetate	43	4.851	4.851	(0.721)	2428865	200.000	217.51
28 1,1-Dichloroethane	63	4.732	4.732	(0.704)	2458939	200.000	204.51
29 tert-Butyl Alcohol	59	3.949	3.949	(0.587)	963774	4000.00	2717.8
30 2-Butanone	43	5.526	5.526	(0.822)	939865	400.000	419.84
32 cis-1,2-dichloroethene	96	5.479	5.479	(0.815)	1286160	200.000	202.77
33 2,2-Dichloropropane	77	5.467	5.467	(0.813)	1452250	200.000	208.90
34 Bromochloromethane	128	5.752	5.752	(0.855)	616902	200.000	203.14
35 Chloroform	83	5.870	5.870	(0.873)	2028244	200.000	205.63
36 Tetrahydrofuran	42	5.799	5.799	(0.862)	338966	200.000	183.34
37 1,1,1-Trichloroethane	97	6.036	6.036	(0.898)	1788605	200.000	209.91
38 1,1-Dichloropropene	75	6.214	6.214	(0.924)	1559328	200.000	203.68
39 Carbon Tetrachloride	117	6.214	6.214	(0.924)	1629839	200.000	214.63
40 1,2-Dichloroethane	62	6.463	6.463	(0.961)	1926258	200.000	202.13
41 Benzene	78	6.428	6.428	(0.956)	4522677	200.000	203.26
42 Trichloroethene	130	7.080	7.080	(1.053)	1315144	200.000	202.27
43 1,2-Dichloropropane	63	7.293	7.293	(1.085)	1309638	200.000	206.47
44 1,4-Dioxane	88	7.424	7.424	(1.104)	99842	10000.0	1804.8
45 Dibromomethane	93	7.400	7.400	(1.101)	587582	200.000	201.88
46 Bromodichloromethane	83	7.554	7.554	(1.123)	1412996	200.000	220.28
47 2-Chloroethyl vinyl ether	63	7.839	7.839	(1.166)	1250299	400.000	424.26
48 cis-1,3-Dichloropropene	75	7.957	7.957	(1.183)	1686234	200.000	219.67
49 4-Methyl-2-pentanone	43	8.100	8.100	(1.205)	2196236	400.000	435.45
50 Toluene	91	8.254	8.254	(0.874)	4728426	200.000	208.18
51 trans-1,3-Dichloropropene	75	8.444	8.444	(0.894)	1434863	200.000	223.37
52 Ethyl Methacrylate	69	8.539	8.539	(0.905)	1069469	200.000	215.79
53 1,1,2-Trichloroethane	97	8.610	8.610	(0.912)	809094	200.000	203.62
54 1,3-Dichloropropane	76	8.752	8.752	(0.927)	1408219	200.000	199.96
55 Tetrachloroethene	164	8.728	8.728	(0.925)	955526	200.000	198.30
56 2-Hexanone	43	8.823	8.823	(0.935)	1271097	400.000	426.24
57 Dibromochloromethane	129	8.942	8.942	(0.947)	1027288	200.000	203.21
58 1,2-Dibromoethane	107	9.037	9.037	(0.957)	829981	200.000	212.42
59 Chlorobenzene	112	9.464	9.464	(1.002)	3107072	200.000	204.86
60 1,1,1,2-Tetrachloroethane	131	9.535	9.535	(1.010)	1185841	200.000	220.93
61 Ethylbenzene	106	9.558	9.558	(1.013)	1674048	200.000	205.09
62 m + p-Xylene	106	9.653	9.653	(1.023)	4213337	400.000	418.22
64 Xylene-o	106	9.985	9.985	(1.058)	2034993	200.000	206.54
65 Styrene	104	9.997	9.997	(1.059)	3225620	200.000	214.58
66 Bromoform	173	10.163	10.163	(1.077)	556949	200.000	207.17
67 Isopropylbenzene	105	10.294	10.294	(1.090)	5392561	200.000	213.75
68 1,1,2,2-Tetrachloroethane	83	10.543	10.543	(0.924)	893906	200.000	214.53
69 1,4-Dichloro-2-butene	53	10.590	10.590	(0.928)	369067	200.000	202.41
70 1,2,3-Trichloropropane	110	10.590	10.590	(0.928)	277219	200.000	205.03
71 Bromobenzene	156	10.555	10.555	(0.925)	1216442	200.000	202.16
72 n-Propylbenzene	120	10.649	10.649	(0.933)	1436894	200.000	210.74
73 2-Chlorotoluene	126	10.721	10.721	(0.940)	1222305	200.000	207.77
74 1,3,5-Trimethylbenzene	105	10.792	10.792	(0.946)	4308318	200.000	216.06
75 4-Chlorotoluene	126	10.815	10.815	(0.948)	1210587	200.000	203.78
76 tert-Butylbenzene	119	11.064	11.064	(0.970)	4021830	200.000	218.50
77 1,2,4-Trimethylbenzene	105	11.112	11.112	(0.974)	4358250	200.000	218.13
78 sec-Butylbenzene	105	11.254	11.254	(0.986)	5269469	200.000	220.68
79 4-Isopropyltoluene	119	11.373	11.373	(0.997)	4832855	200.000	221.92

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8589.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	11.349	11.349	(0.995)	2322942	200.000	202.04
81 1,4-Dichlorobenzene	146	11.420	11.420	(1.001)	2365390	200.000	202.81
82 n-Butylbenzene	91	11.717	11.717	(1.027)	3660133	200.000	217.96
83 1,2-Dichlorobenzene	146	11.740	11.740	(1.029)	2259809	200.000	206.88
84 1,2-Dibromo-3-chloropropane	157	12.393	12.393	(1.086)	190909	200.000	207.28
85 1,2,4-Trichlorobenzene	180	13.080	13.080	(1.147)	1676218	200.000	203.71
86 Hexachlorobutadiene	225	13.211	13.211	(1.158)	646140	200.000	206.16
87 Naphthalene	128	13.282	13.282	(1.164)	4030783	200.000	215.67
88 1,2,3-Trichlorobenzene	180	13.472	13.472	(1.181)	1548023	200.000	199.13
98 Cyclohexane	56	6.084	6.084	(0.905)	3122768	200.000	215.19
143 Methyl Acetate	43	3.558	3.558	(0.529)	2033072	400.000	417.16
144 Methylcyclohexane	83	7.258	7.258	(1.079)	2096138	200.000	219.41
141 1,3,5-Trichlorobenzene	180	12.570	12.570	(1.102)	1731762	200.000	207.54
152 Vinyl Acetate-86	86	4.851	4.851	(0.721)	162850	200.000	229.82

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8589.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

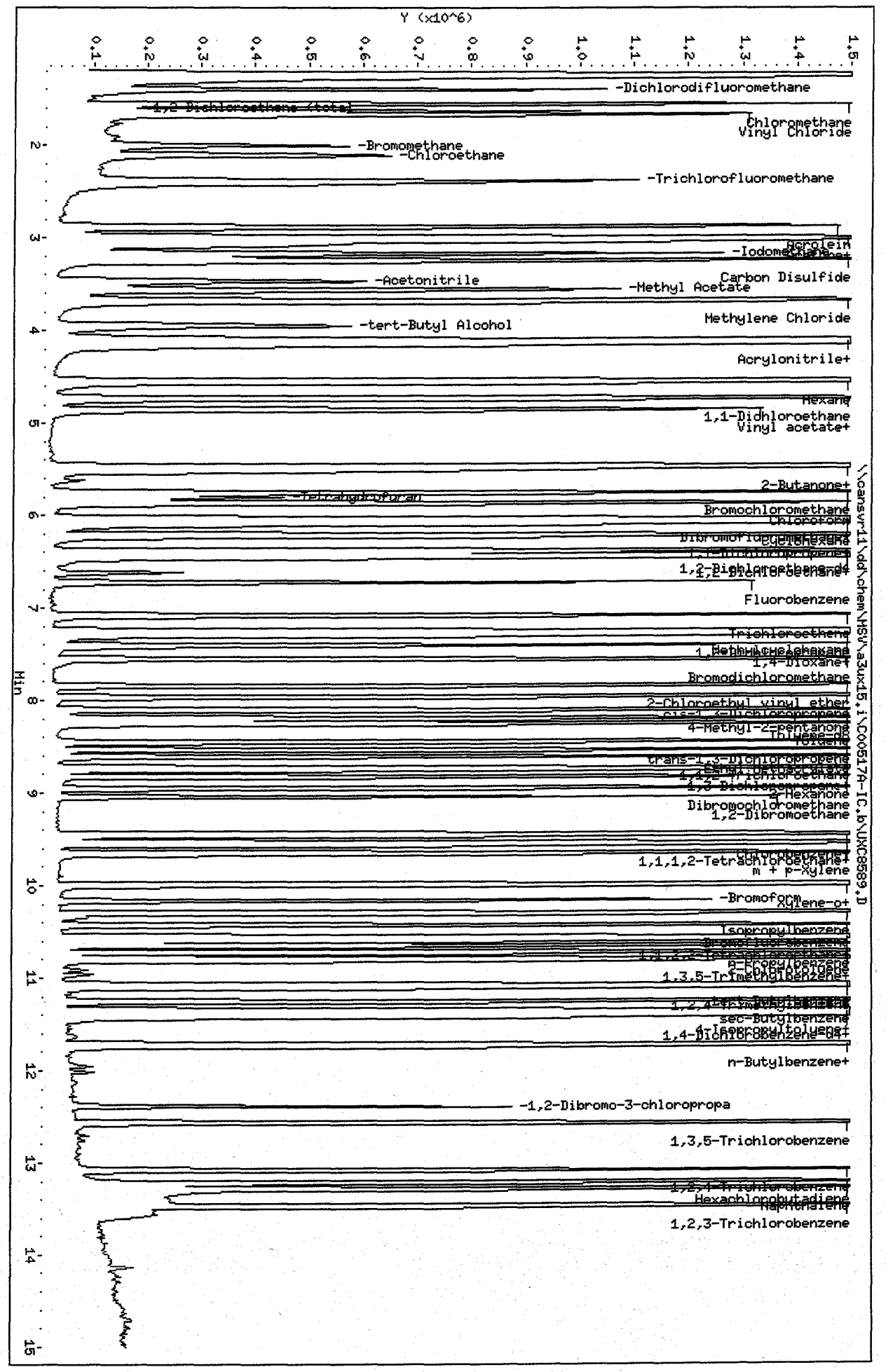
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8589.D
Lab Smp Id: 200NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Calibration Date: 17-MAY-2010
Calibration Time: 11:57
Level: LOW
Sample Type: WATER
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,6

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	950137	475069	1900274	989989	4.19
2 Chlorobenzene-d5	628152	314076	1256304	658771	4.87
3 1,4-Dichlorobenze	313167	156584	626334	323932	3.44

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.41	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8589.D
Date : 17-MAY-2010 08:17
Client ID:
Sample Info: 200NG-IC
Purge Volume: 5.0
Column phase: DB624
Operator: 2807
Column diameter: 0.18
Instrument: a3ux15.i
Y (x10^6)
Min
-Dichlorodifluoromethane
1,2-Dichloroethane (total)
Chloromethane
Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
Acrolein
-Iodomethane
Carbon Disulfide
-Acetonitrile
-Methyl Acetate
Methylene Chloride
-tert-Butyl Alcohol
Acrylonitrile+
Hexane
1,1-Dichloroethane
Vinyl acetate+
2-Butanone+
-Tetrahydrofuran
Bromochloromethane
Chloroform
Cyclohexane
1,1-Dichloroethane+
Fluorobenzene
Trichloroethene
1,4-Dioxane+
Bromodichloromethane
2-Chloroethyl vinyl ether
4-Methyl-2-pentanone
Toluene-d8
trans-1,3-Dichloropropene
Ethyl Methacrylate
1,1,2-Trichloroethane
1,3-Dichloropropane+
2-Hexanone
Dibromochloromethane
1,2-Dibromoethane
Chlorobenzene+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
Bromobenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene-d4
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
1,2,4-Trichlorobenzene
Hexachlorobutadiene
Naphthalene
1,2,3-Trichlorobenzene
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Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8590.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8590.D
Lab Smp Id: 100NG-IC
Inj Date : 17-MAY-2010 08:42
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 100NG-IC
Misc Info : C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,5
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:08 Cal File: UXC8596.D
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	1004177	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	711419	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.408	11.408	(1.000)	347111	50.0000	
$ 4 Dibromofluoromethane	113	6.037	6.037	(0.898)	567690	100.000	103.42
$ 5 1,2-Dichloroethane-d4	65	6.380	6.380	(0.949)	751509	100.000	102.80
$ 6 Toluene-d8	98	8.195	8.195	(0.868)	2185886	100.000	100.45
$ 7 Bromofluorobenzene	95	10.424	10.424	(1.104)	766552	100.000	100.48
8 Dichlorodifluoromethane	85	1.388	1.388	(0.206)	479037	100.000	111.93
9 Chloromethane	50	1.554	1.554	(0.231)	842763	100.000	93.602
10 Vinyl Chloride	62	1.673	1.673	(0.249)	680412	100.000	102.82
11 Bromomethane	94	2.005	2.005	(0.298)	154279	100.000	97.320
12 Chloroethane	64	2.111	2.111	(0.314)	303377	100.000	89.173
13 Trichlorofluoromethane	101	2.384	2.384	(0.355)	545692	100.000	104.33
15 Acrolein	56	2.882	2.882	(0.429)	851578	1000.00	1060.2
16 Acetone	43	3.084	3.084	(0.459)	379693	200.000	208.88
17 1,1-Dichloroethene	96	2.989	2.989	(0.445)	479401	100.000	102.56
18 Freon-113	151	3.024	3.024	(0.450)	378735	100.000	106.54
19 Iodomethane	142	3.167	3.167	(0.471)	952884	100.000	100.65
20 Carbon Disulfide	76	3.238	3.238	(0.482)	1445475	100.000	104.80
21 Methylene Chloride	84	3.677	3.677	(0.547)	566248	100.000	97.787
22 Acetonitrile	41	3.475	3.475	(0.517)	622911	1000.00	1029.3
23 Acrylonitrile	53	4.092	4.092	(0.609)	475099	200.000	212.05

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8590.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	4.139	4.139	(0.616)	1130482	100.000	102.24
25 trans-1,2-Dichloroethene	96	4.115	4.115	(0.612)	581795	100.000	100.78
26 Hexane	86	4.542	4.542	(0.676)	135513	100.000	114.33
27 Vinyl acetate	43	4.851	4.851	(0.721)	1270701	100.000	112.19
28 1,1-Dichloroethane	63	4.732	4.732	(0.704)	1238265	100.000	101.53
29 tert-Butyl Alcohol	59	3.961	3.961	(0.589)	729948	2000.00	2012.6
30 2-Butanone	43	5.527	5.527	(0.822)	513724	200.000	226.24
32 cis-1,2-dichloroethene	96	5.479	5.479	(0.815)	660481	100.000	102.66
33 2,2-Dichloropropane	77	5.467	5.467	(0.813)	724835	100.000	102.79
34 Bromochloromethane	128	5.752	5.752	(0.855)	318240	100.000	103.31
35 Chloroform	83	5.871	5.871	(0.873)	1035921	100.000	103.54
36 Tetrahydrofuran	42	5.811	5.811	(0.864)	183759	100.000	97.985
37 1,1,1-Trichloroethane	97	6.037	6.037	(0.898)	902249	100.000	104.39
38 1,1-Dichloropropene	75	6.214	6.214	(0.924)	810477	100.000	104.37
39 Carbon Tetrachloride	117	6.214	6.214	(0.924)	813349	100.000	105.59
40 1,2-Dichloroethane	62	6.463	6.463	(0.961)	1025427	100.000	106.08
41 Benzene	78	6.428	6.428	(0.956)	2320039	100.000	102.79
42 Trichloroethene	130	7.080	7.080	(1.053)	688720	100.000	104.43
43 1,2-Dichloropropane	63	7.294	7.294	(1.085)	700290	100.000	108.84
44 1,4-Dioxane	88	7.424	7.424	(1.104)	233474	5000.00	4961.0
45 Dibromomethane	93	7.400	7.400	(1.101)	311632	100.000	105.56
46 Bromodichloromethane	83	7.554	7.554	(1.123)	727598	100.000	111.83
47 2-Chloroethyl vinyl ether	63	7.839	7.839	(1.166)	696251	200.000	232.92
48 cis-1,3-Dichloropropene	75	7.958	7.958	(1.183)	900266	100.000	115.62
49 4-Methyl-2-pentanone	43	8.100	8.100	(1.205)	1194257	200.000	233.44
50 Toluene	91	8.254	8.254	(0.874)	2514455	100.000	102.51
51 trans-1,3-Dichloropropene	75	8.444	8.444	(0.894)	794778	100.000	114.57
52 Ethyl Methacrylate	69	8.539	8.539	(0.905)	607324	100.000	113.47
53 1,1,2-Trichloroethane	97	8.610	8.610	(0.912)	449178	100.000	104.68
54 1,3-Dichloropropane	76	8.752	8.752	(0.927)	793904	100.000	104.39
55 Tetrachloroethene	164	8.728	8.728	(0.925)	516644	100.000	99.284
56 2-Hexanone	43	8.823	8.823	(0.935)	732481	200.000	227.45
57 Dibromochloromethane	129	8.942	8.942	(0.947)	541317	100.000	100.34
58 1,2-Dibromoethane	107	9.037	9.037	(0.957)	458340	100.000	108.62
59 Chlorobenzene	112	9.464	9.464	(1.002)	1683180	100.000	102.76
60 1,1,1,2-Tetrachloroethane	131	9.535	9.535	(1.010)	615189	100.000	106.13
61 Ethylbenzene	106	9.559	9.559	(1.013)	898054	100.000	101.88
62 m + p-Xylene	106	9.653	9.653	(1.023)	2223381	200.000	204.36
64 Xylene-o	106	9.985	9.985	(1.058)	1079046	100.000	101.41
65 Styrene	104	9.997	9.997	(1.059)	1731389	100.000	106.66
66 Bromoform	173	10.163	10.163	(1.077)	282975	100.000	99.269
67 Isopropylbenzene	105	10.294	10.294	(1.090)	2775003	100.000	101.86
68 1,1,2,2-Tetrachloroethane	83	10.543	10.543	(0.924)	487959	100.000	109.29
69 1,4-Dichloro-2-butene	53	10.590	10.590	(0.928)	202609	100.000	105.47
70 1,2,3-Trichloropropane	110	10.590	10.590	(0.928)	156858	100.000	108.26
71 Bromobenzene	156	10.555	10.555	(0.925)	668578	100.000	103.69
72 n-Propylbenzene	120	10.650	10.650	(0.933)	765628	100.000	104.79
73 2-Chlorotoluene	126	10.721	10.721	(0.940)	650467	100.000	103.18
74 1,3,5-Trimethylbenzene	105	10.792	10.792	(0.946)	2201517	100.000	103.03
75 4-Chlorotoluene	126	10.816	10.816	(0.948)	656625	100.000	103.15
76 tert-Butylbenzene	119	11.065	11.065	(0.970)	2071154	100.000	105.01
77 1,2,4-Trimethylbenzene	105	11.100	11.100	(0.973)	2250331	100.000	105.11
78 sec-Butylbenzene	105	11.254	11.254	(0.986)	2687773	100.000	105.04
79 4-Isopropyltoluene	119	11.373	11.373	(0.997)	2462071	100.000	105.50

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8590.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	11.349	11.349	(0.995)	1262131	100.000	102.45
81 1,4-Dichlorobenzene	146	11.420	11.420	(1.001)	1279444	100.000	102.38
82 n-Butylbenzene	91	11.717	11.717	(1.027)	1874955	100.000	104.20
83 1,2-Dichlorobenzene	146	11.740	11.740	(1.029)	1208916	100.000	103.28
84 1,2-Dibromo-3-chloropropane	157	12.393	12.393	(1.086)	96559	100.000	99.266
85 1,2,4-Trichlorobenzene	180	13.081	13.081	(1.147)	894568	100.000	101.46
86 Hexachlorobutadiene	225	13.211	13.211	(1.158)	336047	100.000	100.06
87 Naphthalene	128	13.282	13.282	(1.164)	2151980	100.000	107.46
88 1,2,3-Trichlorobenzene	180	13.472	13.472	(1.181)	854732	100.000	102.61
98 Cyclohexane	56	6.084	6.084	(0.905)	1533854	100.000	104.20
143 Methyl Acetate	43	3.558	3.558	(0.529)	1084634	200.000	219.41
144 Methylcyclohexane	83	7.258	7.258	(1.079)	1042974	100.000	107.63
141 1,3,5-Trichlorobenzene	180	12.571	12.571	(1.102)	915814	100.000	102.43
152 Vinyl Acetate-86	86	4.851	4.851	(0.721)	84820	100.000	118.01

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8590.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8590.D
Lab Smp Id: 100NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,5

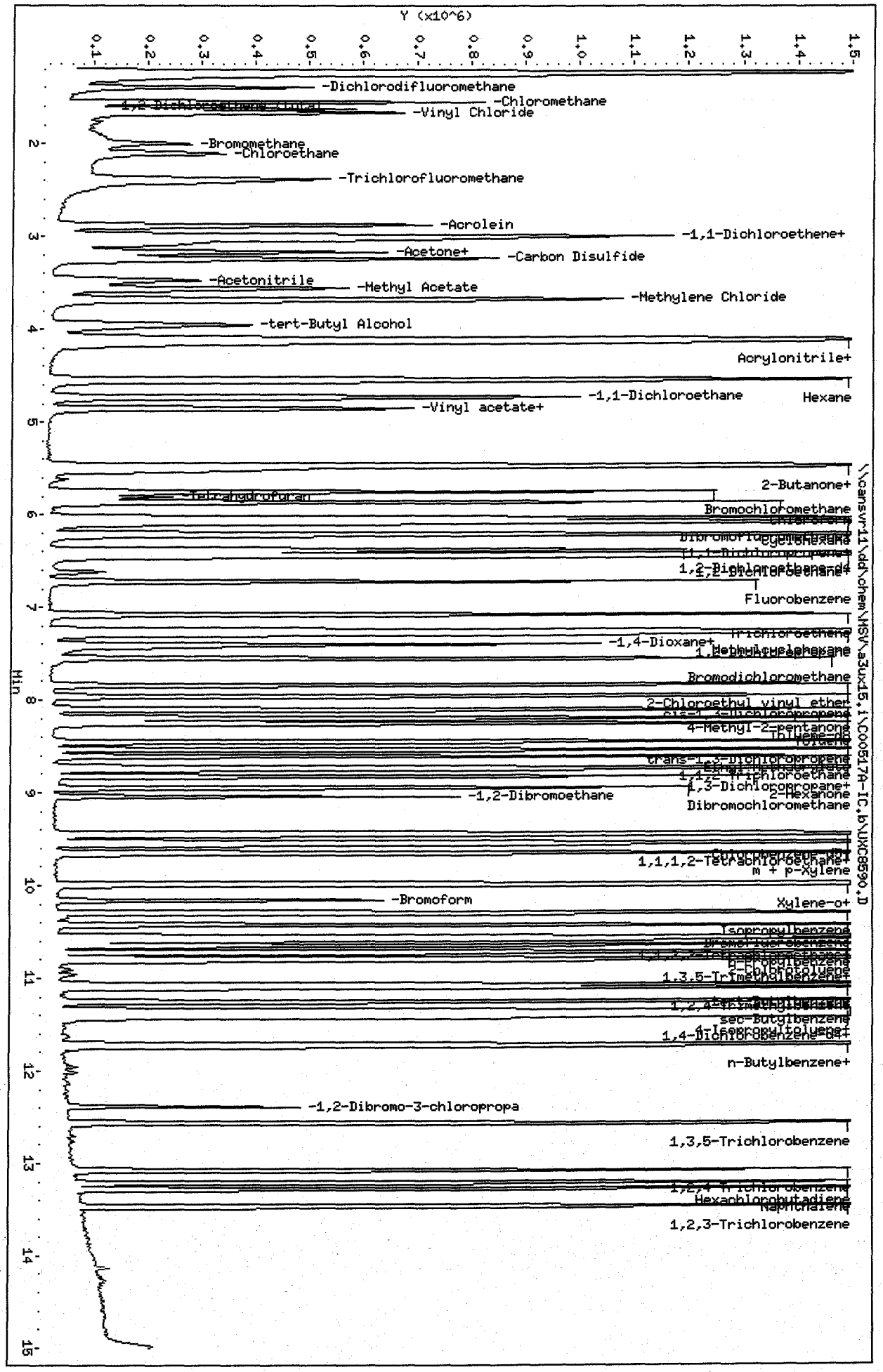
Calibration Date: 17-MAY-2010
Calibration Time: 11:57

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	950137	475069	1900274	1004177	5.69
2 Chlorobenzene-d5	628152	314076	1256304	711419	13.26
3 1,4-Dichlorobenze	313167	156584	626334	347111	10.84

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.41	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8590.D
Date : 17-MAY-2010 08:42
Client ID:
Sample Info: 100NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorodifluoromethane
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-1,1-Dichloroethene+
-Acetone+
-Carbon Disulfide
-Acetonitrile
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
Acrylonitrile+
Hexane
-1,1-Dichloroethane
-Vinyl acetate+
2-Butanone+
Tetrahydrofuran
Bromochloromethane
Fluorobenzene
-1,4-Dioxane+
Bromodichloromethane
2-Chloroethyl vinyl ether
4-Methyl-2-pentanone
trans-1,3-Dichloropropene
1,1,2-Trichloroethane
1,3-Dichloropropane+
2-Hexanone
-1,2-Dibromoethane
Dibromochloromethane
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
Isopropylbenzene
n-Propylbenzene
1,3,5-Trimethylbenzene+
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene-d4
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
Hexachlorobutadiene
1,2,3-Trichlorobenzene

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8591.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8591.D
Lab Smp Id: 50NG-IC
Inj Date : 17-MAY-2010 09:07
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 50NG-IC
Misc Info : C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,4
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:32 Cal File: UXC8597.D
Als bottle: 4 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	1080170	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	726425	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.408	11.408	(1.000)	357117	50.0000	
$ 4 Dibromofluoromethane	113	6.036	6.036	(0.898)	286558	50.0000	48.530
$ 5 1,2-Dichloroethane-d4	65	6.380	6.380	(0.949)	378831	50.0000	48.175
$ 6 Toluene-d8	98	8.195	8.195	(0.868)	1085769	50.0000	48.865
$ 7 Bromofluorobenzene	95	10.424	10.424	(1.104)	380433	50.0000	48.836
8 Dichlorodifluoromethane	85	1.388	1.388	(0.206)	219510	50.0000	47.681
9 Chloromethane	50	1.554	1.554	(0.231)	420208	50.0000	43.387
10 Vinyl Chloride	62	1.673	1.673	(0.249)	336208	50.0000	47.233
11 Bromomethane	94	2.005	2.005	(0.298)	84850	50.0000	48.544
12 Chloroethane	64	2.111	2.111	(0.314)	151901	50.0000	41.508
13 Trichlorofluoromethane	101	2.384	2.384	(0.355)	261127	50.0000	46.411
15 Acrolein	56	2.882	2.882	(0.429)	410846	500.000	475.50
16 Acetone	43	3.084	3.084	(0.459)	202381	100.000	97.025
17 1,1-Dichloroethene	96	2.989	2.989	(0.445)	239399	50.0000	47.612
18 Freon-113	151	3.036	3.036	(0.452)	185038	50.0000	48.390
19 Iodomethane	142	3.167	3.167	(0.471)	482120	50.0000	47.341
20 Carbon Disulfide	76	3.238	3.238	(0.482)	724044	50.0000	48.801
21 Methylene Chloride	84	3.688	3.688	(0.549)	295221	50.0000	47.396
22 Acetonitrile	41	3.475	3.475	(0.517)	305170	500.000	468.81
23 Acrylonitrile	53	4.092	4.092	(0.609)	228698	100.000	94.893

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8591.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	4.139	4.139	(0.616)	557680	50.0000	46.887
25 trans-1,2-Dichloroethene	96	4.115	4.115	(0.612)	299085	50.0000	48.162
26 Hexane	86	4.554	4.554	(0.677)	66755	50.0000	52.360
27 Vinyl acetate	43	4.851	4.851	(0.721)	590162	50.0000	48.438
28 1,1-Dichloroethane	63	4.732	4.732	(0.704)	634803	50.0000	48.388
29 tert-Butyl Alcohol	59	3.961	3.961	(0.589)	376780	1000.00	931.44
30 2-Butanone	43	5.527	5.527	(0.822)	239889	100.000	98.213
32 cis-1,2-dichloroethene	96	5.479	5.479	(0.815)	330515	50.0000	47.757
33 2,2-Dichloropropane	77	5.467	5.467	(0.813)	358451	50.0000	47.257
34 Bromochloromethane	128	5.752	5.752	(0.855)	163218	50.0000	49.260
35 Chloroform	83	5.870	5.870	(0.873)	528228	50.0000	49.083
36 Tetrahydrofuran	42	5.811	5.811	(0.864)	89972	50.0000	44.600
37 1,1,1-Trichloroethane	97	6.036	6.036	(0.898)	456373	50.0000	49.088
38 1,1-Dichloropropene	75	6.214	6.214	(0.924)	413862	50.0000	49.546
39 Carbon Tetrachloride	117	6.214	6.214	(0.924)	406869	50.0000	49.106
40 1,2-Dichloroethane	62	6.463	6.463	(0.961)	521332	50.0000	50.137
41 Benzene	78	6.428	6.428	(0.956)	1175767	50.0000	48.430
42 Trichloroethene	130	7.080	7.080	(1.053)	351523	50.0000	49.551
43 1,2-Dichloropropane	63	7.293	7.293	(1.085)	349430	50.0000	50.490
44 1,4-Dioxane	88	7.424	7.424	(1.104)	136671	2500.00	2420.4
45 Dibromomethane	93	7.400	7.400	(1.101)	155158	50.0000	48.858
46 Bromodichloromethane	83	7.554	7.554	(1.123)	357999	50.0000	51.152
47 2-Chloroethyl vinyl ether	63	7.839	7.839	(1.166)	326529	100.000	101.55
48 cis-1,3-Dichloropropene	75	7.958	7.958	(1.183)	432318	50.0000	51.618
49 4-Methyl-2-pentanone	43	8.100	8.100	(1.205)	547625	100.000	99.513
50 Toluene	91	8.254	8.254	(0.874)	1267848	50.0000	50.622
51 trans-1,3-Dichloropropene	75	8.444	8.444	(0.894)	370200	50.0000	52.262
52 Ethyl Methacrylate	69	8.539	8.539	(0.905)	280166	50.0000	51.264
53 1,1,2-Trichloroethane	97	8.610	8.610	(0.912)	219690	50.0000	50.139
54 1,3-Dichloropropane	76	8.752	8.752	(0.927)	388535	50.0000	50.033
55 Tetrachloroethene	164	8.728	8.728	(0.925)	269379	50.0000	50.697
56 2-Hexanone	43	8.823	8.823	(0.935)	335350	100.000	101.98
57 Dibromochloromethane	129	8.942	8.942	(0.947)	254785	50.0000	47.498
58 1,2-Dibromoethane	107	9.037	9.037	(0.957)	221640	50.0000	51.443
59 Chlorobenzene	112	9.464	9.464	(1.002)	838902	50.0000	50.160
60 1,1,1,2-Tetrachloroethane	131	9.535	9.535	(1.010)	301270	50.0000	50.902
61 Ethylbenzene	106	9.558	9.558	(1.013)	445385	50.0000	49.483
62 m + p-Xylene	106	9.653	9.653	(1.023)	1109727	100.000	99.893
64 Xylene-o	106	9.985	9.985	(1.058)	540731	50.0000	49.769
65 Styrene	104	9.997	9.997	(1.059)	850574	50.0000	51.315
66 Bromoform	173	10.163	10.163	(1.077)	124040	50.0000	44.556
67 Isopropylbenzene	105	10.294	10.294	(1.090)	1395733	50.0000	50.172
68 1,1,2,2-Tetrachloroethane	83	10.543	10.543	(0.924)	227539	50.0000	49.533
69 1,4-Dichloro-2-butene	53	10.590	10.590	(0.928)	81004	50.0000	43.205
70 1,2,3-Trichloropropane	110	10.590	10.590	(0.928)	75433	50.0000	50.606
71 Bromobenzene	156	10.555	10.555	(0.925)	335136	50.0000	50.522
72 n-Propylbenzene	120	10.649	10.649	(0.933)	386902	50.0000	51.471
73 2-Chlorotoluene	126	10.721	10.721	(0.940)	329913	50.0000	50.868
74 1,3,5-Trimethylbenzene	105	10.792	10.792	(0.946)	1110306	50.0000	50.508
75 4-Chlorotoluene	126	10.815	10.815	(0.948)	339841	50.0000	51.890
76 tert-Butylbenzene	119	11.064	11.064	(0.970)	1045747	50.0000	51.534
77 1,2,4-Trimethylbenzene	105	11.112	11.112	(0.974)	1114196	50.0000	50.584
78 sec-Butylbenzene	105	11.254	11.254	(0.986)	1331271	50.0000	50.571
79 4-Isopropyltoluene	119	11.373	11.373	(0.997)	1226047	50.0000	51.067

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8591.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	11.349	11.349	(0.995)	632559	50.0000	49.906
81 1,4-Dichlorobenzene	146	11.420	11.420	(1.001)	640934	50.0000	49.848
82 n-Butylbenzene	91	11.717	11.717	(1.027)	921279	50.0000	49.764
83 1,2-Dichlorobenzene	146	11.740	11.740	(1.029)	593982	50.0000	49.326
84 1,2-Dibromo-3-chloropropane	157	12.393	12.393	(1.086)	41893	50.0000	43.424
85 1,2,4-Trichlorobenzene	180	13.080	13.080	(1.147)	432452	50.0000	47.673
86 Hexachlorobutadiene	225	13.211	13.211	(1.158)	170370	50.0000	49.309
87 Naphthalene	128	13.282	13.282	(1.164)	983450	50.0000	47.731
88 1,2,3-Trichlorobenzene	180	13.472	13.472	(1.181)	412810	50.0000	48.168
98 Cyclohexane	56	6.084	6.084	(0.905)	770431	50.0000	48.657
143 Methyl Acetate	43	3.558	3.558	(0.529)	522194	100.000	98.201
144 Methylcyclohexane	83	7.258	7.258	(1.079)	517011	50.0000	49.600
141 1,3,5-Trichlorobenzene	180	12.570	12.570	(1.102)	444030	50.0000	48.270
152 Vinyl Acetate-86	86	4.862	4.862	(0.723)	40313	50.0000	52.142

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8591.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8591.D
Lab Smp Id: 50NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,4

Calibration Date: 17-MAY-2010
Calibration Time: 09:07

Level: LOW
Sample Type: WATER

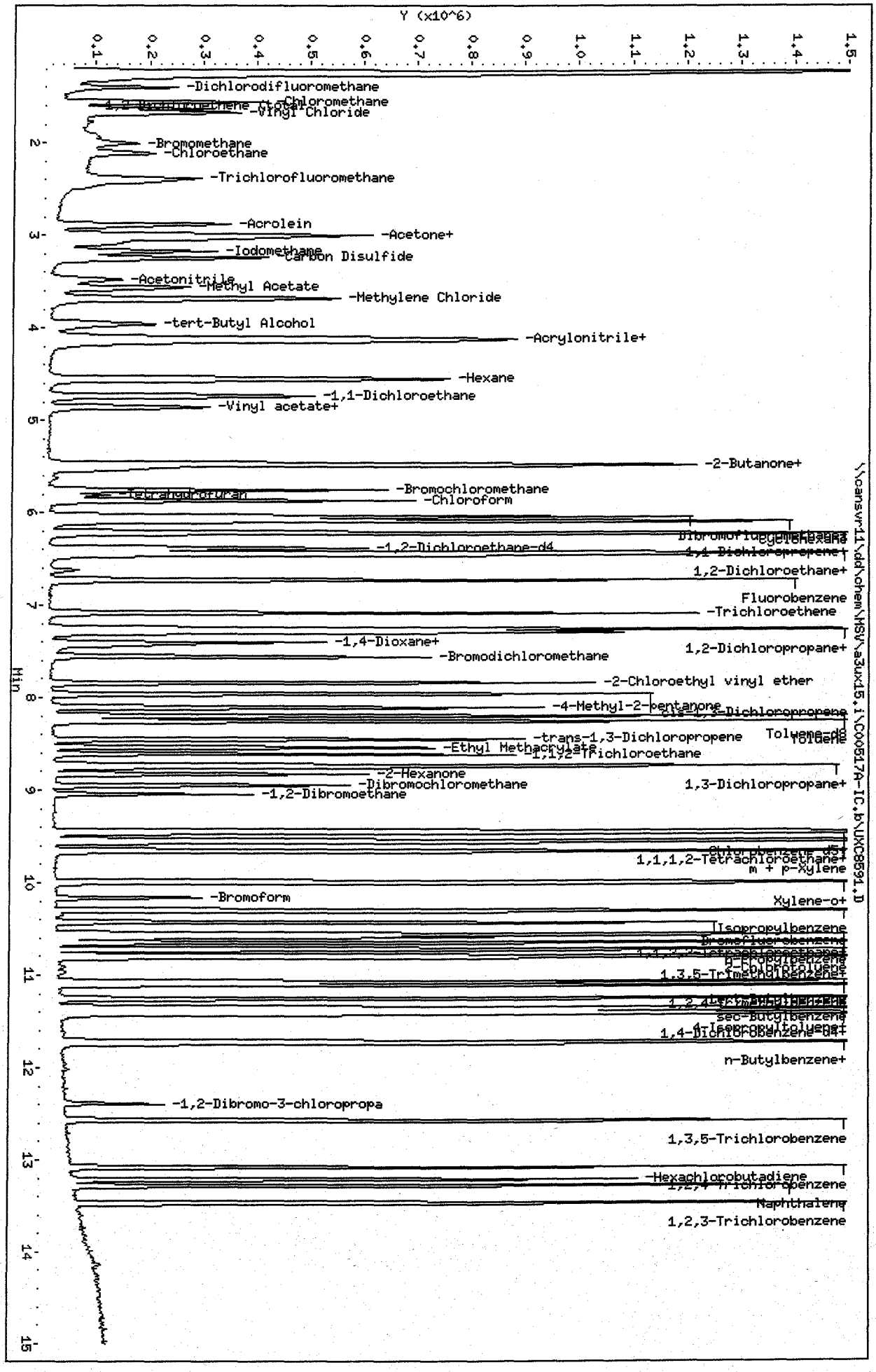
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1080170	540085	2160340	1080170	0.00
2 Chlorobenzene-d5	726425	363213	1452850	726425	0.00
3 1,4-Dichlorobenze	357117	178559	714234	357117	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.41	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8591.D
Date : 17-MAY-2010 09:07
Client ID:
Sample Info: 50NC-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8592.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8592.D
Lab Smp Id: 25NG-IC
Inj Date : 17-MAY-2010 09:31
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 25NG-IC
Misc Info : C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 5 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	932075	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	607720	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.408	11.408	(1.000)	312421	50.0000	
$ 4 Dibromofluoromethane	113	6.037	6.037	(0.898)	128423	25.0000	25.205
$ 5 1,2-Dichloroethane-d4	65	6.380	6.380	(0.949)	170342	25.0000	25.104
$ 6 Toluene-d8	98	8.195	8.195	(0.868)	461344	25.0000	24.818
$ 7 Bromofluorobenzene	95	10.424	10.424	(1.104)	162168	25.0000	24.884
8 Dichlorodifluoromethane	85	1.388	1.388	(0.206)	98305	25.0000	24.746
9 Chloromethane	50	1.554	1.554	(0.231)	221848	25.0000	26.546
10 Vinyl Chloride	62	1.673	1.673	(0.249)	160313	25.0000	26.101
11 Bromomethane	94	2.005	2.005	(0.298)	53516	25.0000	33.477
12 Chloroethane	64	2.111	2.111	(0.314)	91714	25.0000	29.043
13 Trichlorofluoromethane	101	2.384	2.384	(0.355)	127758	25.0000	26.315
15 Acrolein	56	2.882	2.882	(0.429)	190973	250.000	256.14
16 Acetone	43	3.096	3.096	(0.460)	96518	50.0000	47.879
17 1,1-Dichloroethene	96	2.989	2.989	(0.445)	110746	25.0000	25.525
18 Freon-113	151	3.036	3.036	(0.452)	85326	25.0000	25.859
19 Iodomethane	142	3.179	3.179	(0.473)	232595	25.0000	26.468
20 Carbon Disulfide	76	3.250	3.250	(0.483)	334758	25.0000	26.148
21 Methylene Chloride	84	3.689	3.689	(0.549)	140292	25.0000	26.102
22 Acetonitrile	41	3.475	3.475	(0.517)	146120	250.000	260.14
23 Acrylonitrile	53	4.092	4.092	(0.609)	104357	50.0000	50.180

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8592.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	4.139	4.139	(0.616)	277150	25.0000	27.004
25 trans-1,2-Dichloroethene	96	4.115	4.115	(0.612)	141086	25.0000	26.329
26 Hexane	86	4.554	4.554	(0.677)	23517	25.0000	21.376
27 Vinyl acetate	43	4.851	4.851	(0.721)	235472	25.0000	22.398
28 1,1-Dichloroethane	63	4.732	4.732	(0.704)	297523	25.0000	26.282
29 tert-Butyl Alcohol	59	3.961	3.961	(0.589)	204381	500.000	561.01
30 2-Butanone	43	5.527	5.527	(0.822)	92467	50.0000	43.872
32 cis-1,2-dichloroethene	96	5.479	5.479	(0.815)	155108	25.0000	25.973
33 2,2-Dichloropropane	77	5.467	5.467	(0.813)	175590	25.0000	26.827
34 Bromochloromethane	128	5.752	5.752	(0.855)	73813	25.0000	25.817
35 Chloroform	83	5.871	5.871	(0.873)	243448	25.0000	26.216
36 Tetrahydrofuran	42	5.811	5.811	(0.864)	38808	25.0000	22.294
37 1,1,1-Trichloroethane	97	6.037	6.037	(0.898)	213205	25.0000	26.576
38 1,1-Dichloropropene	75	6.214	6.214	(0.924)	179109	25.0000	24.849
39 Carbon Tetrachloride	117	6.214	6.214	(0.924)	183173	25.0000	25.620
40 1,2-Dichloroethane	62	6.463	6.463	(0.961)	223400	25.0000	24.898
41 Benzene	78	6.428	6.428	(0.956)	524175	25.0000	25.021
42 Trichloroethene	130	7.080	7.080	(1.053)	154460	25.0000	25.232
43 1,2-Dichloropropane	63	7.294	7.294	(1.085)	148355	25.0000	24.842
44 1,4-Dioxane	88	7.424	7.424	(1.104)	80977	1250.00	1469.8
45 Dibromomethane	93	7.400	7.400	(1.101)	67336	25.0000	24.572
46 Bromodichloromethane	83	7.554	7.554	(1.123)	148166	25.0000	24.534
47 2-Chloroethyl vinyl ether	63	7.839	7.839	(1.166)	123588	50.0000	44.543
48 cis-1,3-Dichloropropene	75	7.958	7.958	(1.183)	166374	25.0000	23.021
49 4-Methyl-2-pentanone	43	8.100	8.100	(1.205)	222501	50.0000	46.856
50 Toluene	91	8.254	8.254	(0.874)	508155	25.0000	24.253
51 trans-1,3-Dichloropropene	75	8.444	8.444	(0.894)	138954	25.0000	23.448
52 Ethyl Methacrylate	69	8.539	8.539	(0.905)	104960	25.0000	22.957
53 1,1,2-Trichloroethane	97	8.610	8.610	(0.912)	90113	25.0000	24.583
54 1,3-Dichloropropane	76	8.752	8.752	(0.927)	161918	25.0000	24.923
55 Tetrachloroethene	164	8.728	8.728	(0.925)	106129	25.0000	23.875
56 2-Hexanone	43	8.823	8.823	(0.935)	126847	50.0000	46.110
57 Dibromochloromethane	129	8.942	8.942	(0.947)	98355	25.0000	23.163
58 1,2-Dibromoethane	107	9.037	9.037	(0.957)	87276	25.0000	24.214
59 Chlorobenzene	112	9.464	9.464	(1.002)	346667	25.0000	24.777
60 1,1,1,2-Tetrachloroethane	131	9.535	9.535	(1.010)	127529	25.0000	25.756
61 Ethylbenzene	106	9.559	9.559	(1.013)	189195	25.0000	25.126
62 m + p-Xylene	106	9.653	9.653	(1.023)	462910	50.0000	49.808
64 Xylene-o	106	9.985	9.985	(1.058)	233231	25.0000	25.660
65 Styrene	104	9.997	9.997	(1.059)	344631	25.0000	24.852
66 Bromoform	173	10.163	10.163	(1.077)	44921	25.0000	21.216
67 Isopropylbenzene	105	10.294	10.294	(1.090)	593285	25.0000	25.492
68 1,1,2,2-Tetrachloroethane	83	10.543	10.543	(0.924)	98256	25.0000	24.449
69 1,4-Dichloro-2-butene	53	10.590	10.590	(0.928)	29262	25.0000	19.971
70 1,2,3-Trichloropropane	110	10.590	10.590	(0.928)	31835	25.0000	24.412
71 Bromobenzene	156	10.555	10.555	(0.925)	142300	25.0000	24.521
72 n-Propylbenzene	120	10.650	10.650	(0.933)	159080	25.0000	24.191
73 2-Chlorotoluene	126	10.721	10.721	(0.940)	139698	25.0000	24.621
74 1,3,5-Trimethylbenzene	105	10.792	10.792	(0.946)	475161	25.0000	24.707
75 4-Chlorotoluene	126	10.816	10.816	(0.948)	141020	25.0000	24.612
76 tert-Butylbenzene	119	11.065	11.065	(0.970)	424339	25.0000	23.903
77 1,2,4-Trimethylbenzene	105	11.112	11.112	(0.974)	475035	25.0000	24.652
78 sec-Butylbenzene	105	11.254	11.254	(0.986)	562533	25.0000	24.426
79 4-Isopropyltoluene	119	11.373	11.373	(0.997)	512789	25.0000	24.414

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8592.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	11.349	11.349	(0.995)	273132	25.0000	24.632
81 1,4-Dichlorobenzene	146	11.420	11.420	(1.001)	268467	25.0000	23.867
82 n-Butylbenzene	91	11.717	11.717	(1.027)	404777	25.0000	24.992
83 1,2-Dichlorobenzene	146	11.741	11.741	(1.029)	261483	25.0000	24.821
84 1,2-Dibromo-3-chloropropane	157	12.393	12.393	(1.086)	17791	25.0000	22.470
85 1,2,4-Trichlorobenzene	180	13.081	13.081	(1.147)	202244	25.0000	25.485
86 Hexachlorobutadiene	225	13.211	13.211	(1.158)	73608	25.0000	24.352
87 Naphthalene	128	13.282	13.282	(1.164)	455431	25.0000	25.266
88 1,2,3-Trichlorobenzene	180	13.472	13.472	(1.181)	198357	25.0000	26.456
98 Cyclohexane	56	6.084	6.084	(0.905)	336896	25.0000	24.658
143 Methyl Acetate	43	3.570	3.570	(0.531)	219173	50.0000	47.765
144 Methylcyclohexane	83	7.258	7.258	(1.079)	218119	25.0000	24.250
141 1,3,5-Trichlorobenzene	180	12.571	12.571	(1.102)	205330	25.0000	25.515
152 Vinyl Acetate-86	86	4.863	4.863	(0.723)	14516	25.0000	21.758

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8592.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8592.D
Lab Smp Id: 25NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Calibration Date: 17-MAY-2010
Calibration Time: 09:07
Level: LOW
Sample Type: WATER
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,3

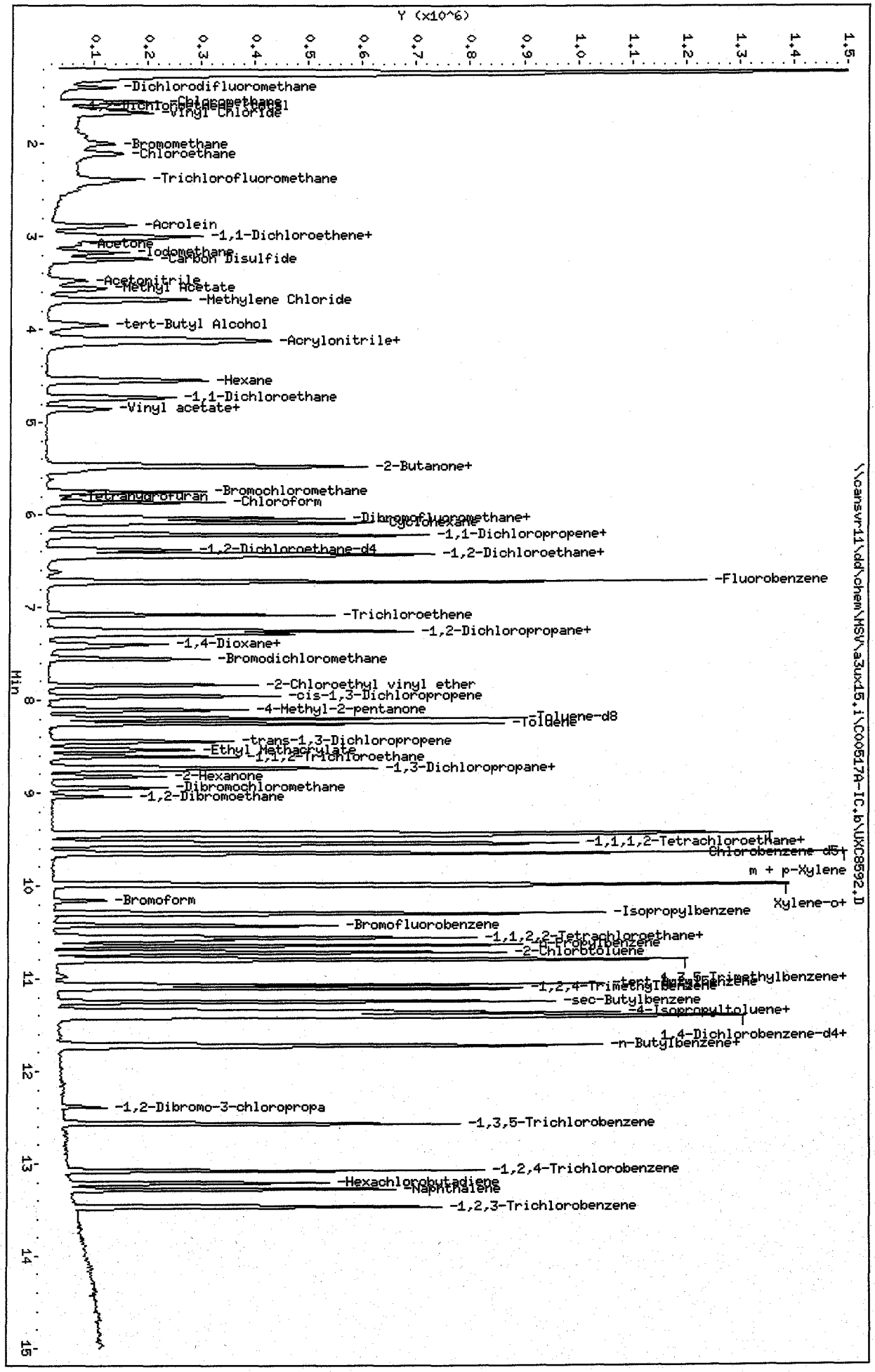
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1080170	540085	2160340	932075	-13.71
2 Chlorobenzene-d5	726425	363213	1452850	607720	-16.34
3 1,4-Dichlorobenze	357117	178559	714234	312421	-12.52

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.41	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8592.D
Date : 17-MAY-2010 09:31
Client ID:
Sample Info: 25NG-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8593.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8593.D
Lab Smp Id: 10NG-IC
Inj Date : 17-MAY-2010 09:55
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 10NG-IC
Misc Info : C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 12:21 Cal File: UXC8599.D
Als bottle: 6 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	1026678	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	665281	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.408	11.408	(1.000)	332632	50.0000	
$ 4 Dibromofluoromethane	113	6.036	6.036	(0.898)	52411	10.0000	9.339
$ 5 1,2-Dichloroethane-d4	65	6.380	6.380	(0.949)	72394	10.0000	9.686
$ 6 Toluene-d8	98	8.195	8.195	(0.868)	196782	10.0000	9.670
$ 7 Bromofluorobenzene	95	10.424	10.424	(1.104)	69694	10.0000	9.769
8 Dichlorodifluoromethane	85	1.388	1.388	(0.206)	38995	10.0000	8.912
9 Chloromethane	50	1.554	1.554	(0.231)	88185	10.0000	9.580
10 Vinyl Chloride	62	1.661	1.661	(0.247)	63327	10.0000	9.360
11 Bromomethane	94	1.993	1.993	(0.296)	25232	10.0000	8.902
12 Chloroethane	64	2.111	2.111	(0.314)	35611	10.0000	10.238
13 Trichlorofluoromethane	101	2.384	2.384	(0.355)	47537	10.0000	8.889
15 Acrolein	56	2.882	2.882	(0.429)	74986	100.000	91.308
16 Acetone	43	3.096	3.096	(0.460)	62963	20.0000	23.118
17 1,1-Dichloroethene	96	3.001	3.001	(0.446)	46225	10.0000	9.672
18 Freon-113	151	3.036	3.036	(0.452)	31238	10.0000	8.595
19 Iodomethane	142	3.179	3.179	(0.473)	92512	10.0000	9.557
20 Carbon Disulfide	76	3.250	3.250	(0.483)	126581	10.0000	8.976
21 Methylene Chloride	84	3.688	3.688	(0.549)	57218	10.0000	9.665
22 Acetonitrile	41	3.475	3.475	(0.517)	64600	100.000	104.41
23 Acrylonitrile	53	4.092	4.092	(0.609)	42910	20.0000	18.732

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8593.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	4.139	4.139	(0.616)	109840	10.0000	9.716
25 trans-1,2-Dichloroethene	96	4.115	4.115	(0.612)	54977	10.0000	9.314
26 Hexane	86	4.554	4.554	(0.677)	11137	10.0000	9.190
27 Vinyl acetate	43	4.851	4.851	(0.721)	106701	10.0000	9.214
28 1,1-Dichloroethane	63	4.732	4.732	(0.704)	118608	10.0000	9.512
29 tert-Butyl Alcohol	59	3.949	3.949	(0.587)	105669	200.000	228.29
30 2-Butanone	43	5.526	5.526	(0.822)	41942	20.0000	18.066
32 cis-1,2-dichloroethene	96	5.479	5.479	(0.815)	62610	10.0000	9.518
33 2,2-Dichloropropane	77	5.467	5.467	(0.813)	67723	10.0000	9.394
34 Bromochloromethane	128	5.752	5.752	(0.855)	30349	10.0000	9.637
35 Chloroform	83	5.870	5.870	(0.873)	97082	10.0000	9.491
36 Tetrahydrofuran	42	5.811	5.811	(0.864)	20038	10.0000	10.451
37 1,1,1-Trichloroethane	97	6.036	6.036	(0.898)	80141	10.0000	9.069
38 1,1-Dichloropropene	75	6.214	6.214	(0.924)	75047	10.0000	9.452
39 Carbon Tetrachloride	117	6.214	6.214	(0.924)	73385	10.0000	9.318
40 1,2-Dichloroethane	62	6.463	6.463	(0.961)	93663	10.0000	9.477
41 Benzene	78	6.428	6.428	(0.956)	216110	10.0000	9.365
42 Trichloroethene	130	7.080	7.080	(1.053)	65496	10.0000	9.713
43 1,2-Dichloropropane	63	7.293	7.293	(1.085)	61069	10.0000	9.284
44 1,4-Dioxane	88	7.424	7.424	(1.104)	52564	500.000	614.41
45 Dibromomethane	93	7.400	7.400	(1.101)	28103	10.0000	9.310
46 Bromodichloromethane	83	7.554	7.554	(1.123)	58254	10.0000	8.757
47 2-Chloroethyl vinyl ether	63	7.839	7.839	(1.166)	56269	20.0000	18.411
48 cis-1,3-Dichloropropene	75	7.957	7.957	(1.183)	71818	10.0000	9.022
49 4-Methyl-2-pentanone	43	8.100	8.100	(1.205)	86263	20.0000	16.492
50 Toluene	91	8.254	8.254	(0.874)	222875	10.0000	9.717
51 trans-1,3-Dichloropropene	75	8.444	8.444	(0.894)	57163	10.0000	8.812
52 Ethyl Methacrylate	69	8.539	8.539	(0.905)	45846	10.0000	9.160
53 1,1,2-Trichloroethane	97	8.610	8.610	(0.912)	40760	10.0000	10.158
54 1,3-Dichloropropane	76	8.752	8.752	(0.927)	69001	10.0000	9.702
55 Tetrachloroethene	164	8.728	8.728	(0.925)	49111	10.0000	10.092
56 2-Hexanone	43	8.823	8.823	(0.935)	54422	20.0000	18.071
57 Dibromochloromethane	129	8.942	8.942	(0.947)	38257	10.0000	9.721
58 1,2-Dibromoethane	107	9.037	9.037	(0.957)	36544	10.0000	9.261
59 Chlorobenzene	112	9.464	9.464	(1.002)	148447	10.0000	9.692
60 1,1,1,2-Tetrachloroethane	131	9.535	9.535	(1.010)	49985	10.0000	9.222
61 Ethylbenzene	106	9.558	9.558	(1.013)	81736	10.0000	9.916
62 m + p-Xylene	106	9.653	9.653	(1.023)	194793	20.0000	19.146
64 Xylene-o	106	9.985	9.985	(1.058)	95432	10.0000	9.591
65 Styrene	104	9.997	9.997	(1.059)	140282	10.0000	9.241
66 Bromoform	173	10.163	10.163	(1.077)	17429	10.0000	9.715
67 Isopropylbenzene	105	10.294	10.294	(1.090)	242777	10.0000	9.529
68 1,1,2,2-Tetrachloroethane	83	10.543	10.543	(0.924)	39258	10.0000	9.175
69 1,4-Dichloro-2-butene	53	10.590	10.590	(0.928)	11759	10.0000	9.797
70 1,2,3-Trichloropropane	110	10.590	10.590	(0.928)	13481	10.0000	9.710
71 Bromobenzene	156	10.555	10.555	(0.925)	59970	10.0000	9.706
72 n-Propylbenzene	120	10.649	10.649	(0.933)	66274	10.0000	9.466
73 2-Chlorotoluene	126	10.721	10.721	(0.940)	57036	10.0000	9.442
74 1,3,5-Trimethylbenzene	105	10.792	10.792	(0.946)	191961	10.0000	9.375
75 4-Chlorotoluene	126	10.815	10.815	(0.948)	57308	10.0000	9.394
76 tert-Butylbenzene	119	11.064	11.064	(0.970)	176579	10.0000	9.342
77 1,2,4-Trimethylbenzene	105	11.112	11.112	(0.974)	191828	10.0000	9.350
78 sec-Butylbenzene	105	11.254	11.254	(0.986)	228481	10.0000	9.318
79 4-Isopropyltoluene	119	11.373	11.373	(0.997)	206855	10.0000	9.250

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8593.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	11.349	11.349	(0.995)	115439	10.0000	9.778
81 1,4-Dichlorobenzene	146	11.420	11.420	(1.001)	115813	10.0000	9.670
82 n-Butylbenzene	91	11.717	11.717	(1.027)	158663	10.0000	9.201
83 1,2-Dichlorobenzene	146	11.740	11.740	(1.029)	111390	10.0000	9.931
84 1,2-Dibromo-3-chloropropane	157	12.393	12.393	(1.086)	6773	10.0000	9.771
85 1,2,4-Trichlorobenzene	180	13.080	13.080	(1.147)	82987	10.0000	9.822
86 Hexachlorobutadiene	225	13.211	13.211	(1.158)	31190	10.0000	9.692
87 Naphthalene	128	13.282	13.282	(1.164)	184526	10.0000	9.615
88 1,2,3-Trichlorobenzene	180	13.472	13.472	(1.181)	79653	10.0000	9.978
98 Cyclohexane	56	6.084	6.084	(0.905)	133899	10.0000	8.897
143 Methyl Acetate	43	3.570	3.570	(0.531)	96679	20.0000	19.128
144 Methylcyclohexane	83	7.258	7.258	(1.079)	86877	10.0000	8.769
141 1,3,5-Trichlorobenzene	180	12.570	12.570	(1.102)	84440	10.0000	9.855
152 Vinyl Acetate-86	86	4.851	4.851	(0.721)	6584	10.0000	8.960

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8593.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8593.D
Lab Smp Id: 10NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,2

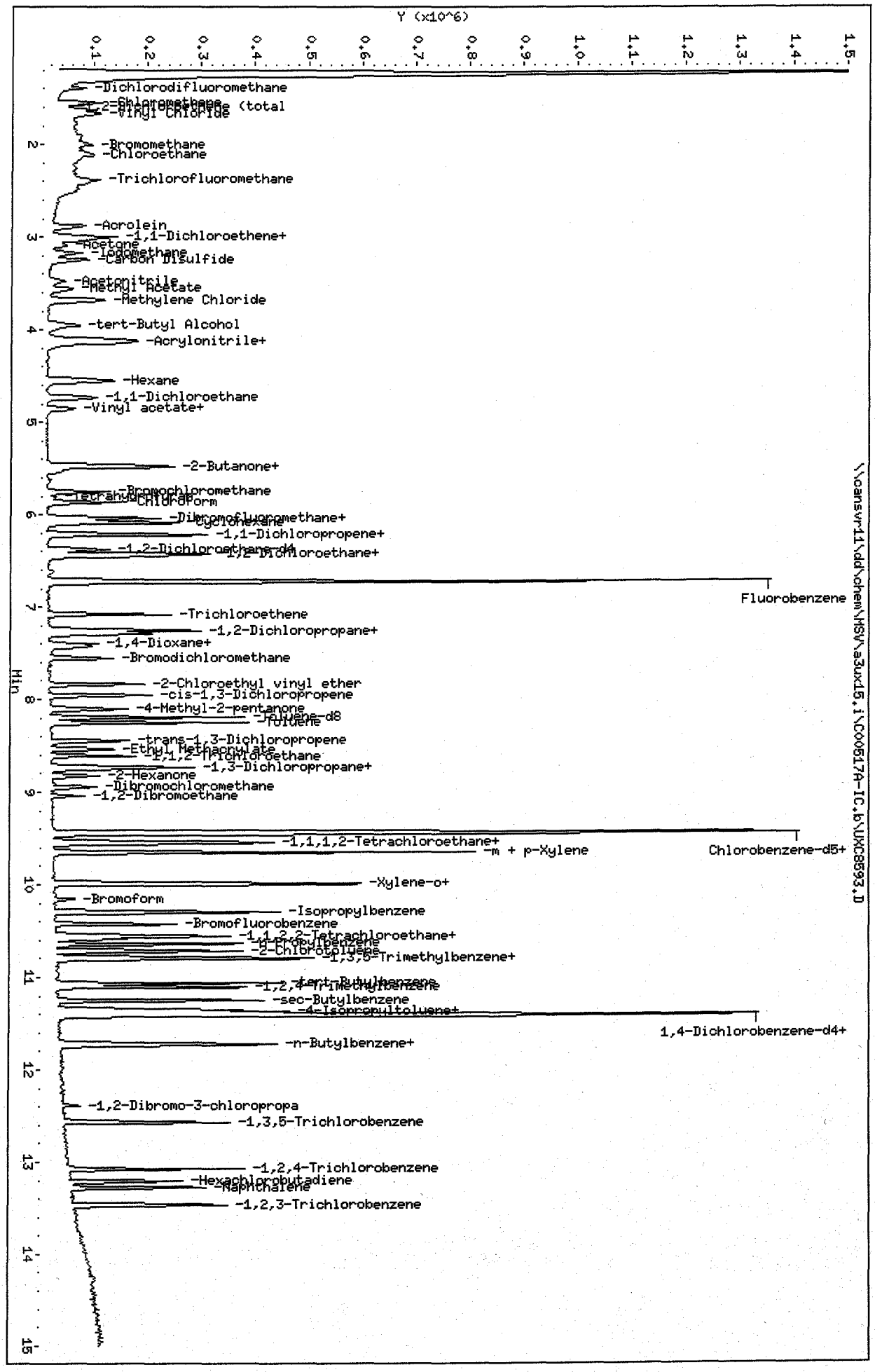
Calibration Date: 17-MAY-2010
Calibration Time: 09:07

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1080170	540085	2160340	1026678	-4.95
2 Chlorobenzene-d5	726425	363213	1452850	665281	-8.42
3 1,4-Dichlorobenze	357117	178559	714234	332632	-6.86

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	-0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	-0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.41	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8593.D
Date : 17-MAY-2010 09:55
Client ID:
Sample Info: 10NG-IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorodifluoromethane
-Chloromethane
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-1,1-Dichloroethene+
-Acetone
-Iodomethane
-Carbon Disulfide
-Acetonitrile
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-1,1-Dichloroethane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane
-Chloroform
-Cyclohexane
-Dibromofluoromethane+
-1,1-Dichloropropene+
-1,2-Dichloroethane+
Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-1,4-Dioxane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
-Toluene-d8
-Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
-1,1,1,2-Tetrachloroethane+
-m + p-Xylene
Chlorobenzene-d5+
-Xylene-o+
-Bromoform
-Isopropylbenzene
-Bromofluorobenzene
-1,1,2,2-Tetrachloroethane+
-n-Propylbenzene
-2-Chlorotoluene
-1,3,5-Trimethylbenzene+
-tert-Butylbenzene
-1,2,4-Trimethylbenzene
-sec-Butylbenzene
-4-Isopropyltoluene+
1,4-Dichlorobenzene-d4+
-n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-1,3,5-Trichlorobenzene
-1,2,4-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
-1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8593.D

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8594.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8594.D
Lab Smp Id: 5NG-IC
Inj Date : 17-MAY-2010 10:19
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 5NG-IC
Misc Info : C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,1
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 12:46 Cal File: UXC8600.D
Als bottle: 7 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	994941	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	677241	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.408	11.408	(1.000)	337397	50.0000	
$ 4 Dibromofluoromethane	113	6.036	6.036	(0.898)	28279	5.00000	5.200
$ 5 1,2-Dichloroethane-d4	65	6.380	6.380	(0.949)	38224	5.00000	5.277
$ 6 Toluene-d8	98	8.195	8.195	(0.868)	106670	5.00000	5.149
$ 7 Bromofluorobenzene	95	10.424	10.424	(1.104)	38865	5.00000	5.351
8 Dichlorodifluoromethane	85	1.388	1.388	(0.206)	19126	5.00000	4.510
9 Chloromethane	50	1.554	1.554	(0.231)	51472	5.00000	5.770
10 Vinyl Chloride	62	1.661	1.661	(0.247)	32886	5.00000	5.016
12 Chloroethane	64	2.111	2.111	(0.314)	18058	5.00000	5.357
13 Trichlorofluoromethane	101	2.384	2.384	(0.355)	24593	5.00000	4.745
15 Acrolein	56	2.882	2.882	(0.429)	38492	50.0000	48.366
16 Acetone	43	3.096	3.096	(0.460)	36888	10.0000	8.896
17 1,1-Dichloroethene	96	3.001	3.001	(0.446)	23500	5.00000	5.074
18 Freon-113	151	3.036	3.036	(0.452)	17339	5.00000	4.923
19 Iodomethane	142	3.179	3.179	(0.473)	46916	5.00000	5.002
20 Carbon Disulfide	76	3.250	3.250	(0.483)	63656	5.00000	4.658
21 Methylene Chloride	84	3.688	3.688	(0.549)	31066	5.00000	5.415
22 Acetonitrile	41	3.475	3.475	(0.517)	31398	50.0000	52.366
23 Acrylonitrile	53	4.092	4.092	(0.609)	22137	10.0000	9.972
24 Methyl tert-butyl ether	73	4.139	4.139	(0.616)	52936	5.00000	4.832

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8594.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
25 trans-1,2-Dichloroethene	96	4.115	4.115	(0.612)	29420	5.00000	5.143
26 Hexane	86	4.554	4.554	(0.677)	5588	5.00000	4.758
27 Vinyl acetate	43	4.851	4.851	(0.721)	56364	5.00000	5.022
28 1,1-Dichloroethane	63	4.732	4.732	(0.704)	59927	5.00000	4.959
29 tert-Butyl Alcohol	59	3.961	3.961	(0.589)	46158	100.000	66.642
30 2-Butanone	43	5.527	5.527	(0.822)	23765	10.0000	10.563
32 cis-1,2-dichloroethene	96	5.479	5.479	(0.815)	32309	5.00000	5.068
33 2,2-Dichloropropane	77	5.467	5.467	(0.813)	33885	5.00000	4.850
34 Bromochloromethane	128	5.752	5.752	(0.855)	14796	5.00000	4.848
35 Chloroform	83	5.870	5.870	(0.873)	47433	5.00000	4.785
36 Tetrahydrofuran	42	5.811	5.811	(0.864)	11842	5.00000	6.373
37 1,1,1-Trichloroethane	97	6.036	6.036	(0.898)	40881	5.00000	4.774
38 1,1-Dichloropropene	75	6.214	6.214	(0.924)	38767	5.00000	5.039
39 Carbon Tetrachloride	117	6.214	6.214	(0.924)	35568	5.00000	4.660
40 1,2-Dichloroethane	62	6.463	6.463	(0.961)	47034	5.00000	4.911
41 Benzene	78	6.428	6.428	(0.956)	117378	5.00000	5.249
42 Trichloroethene	130	7.080	7.080	(1.053)	31781	5.00000	4.864
43 1,2-Dichloropropane	63	7.293	7.293	(1.085)	30194	5.00000	4.736
44 1,4-Dioxane	88	7.424	7.424	(1.104)	26867	250.000	34.362
45 Dibromomethane	93	7.400	7.400	(1.101)	15268	5.00000	5.220
46 Bromodichloromethane	83	7.554	7.554	(1.123)	29015	5.00000	4.501
47 2-Chloroethyl vinyl ether	63	7.839	7.839	(1.166)	28072	10.0000	9.478
48 cis-1,3-Dichloropropene	75	7.957	7.957	(1.183)	34329	5.00000	4.450
49 4-Methyl-2-pentanone	43	8.100	8.100	(1.205)	50046	10.0000	9.873
50 Toluene	91	8.254	8.254	(0.874)	114378	5.00000	4.898
51 trans-1,3-Dichloropropene	75	8.444	8.444	(0.894)	28830	5.00000	4.366
52 Ethyl Methacrylate	69	8.539	8.539	(0.905)	23611	5.00000	4.634
53 1,1,2-Trichloroethane	97	8.610	8.610	(0.912)	19061	5.00000	4.666
54 1,3-Dichloropropane	76	8.752	8.752	(0.927)	35782	5.00000	4.942
55 Tetrachloroethene	164	8.728	8.728	(0.925)	25697	5.00000	5.187
56 2-Hexanone	43	8.823	8.823	(0.935)	29172	10.0000	9.516
57 Dibromochloromethane	129	8.942	8.942	(0.947)	17598	5.00000	5.660
58 1,2-Dibromoethane	107	9.037	9.037	(0.957)	18639	5.00000	4.640
59 Chlorobenzene	112	9.464	9.464	(1.002)	76756	5.00000	4.923
60 1,1,1,2-Tetrachloroethane	131	9.535	9.535	(1.010)	23826	5.00000	4.318
61 Ethylbenzene	106	9.558	9.558	(1.013)	40675	5.00000	4.847
62 m + p-Xylene	106	9.653	9.653	(1.023)	101525	10.0000	9.802
64 Xylene-o	106	9.985	9.985	(1.058)	49247	5.00000	4.862
65 Styrene	104	9.997	9.997	(1.059)	70777	5.00000	4.580
66 Bromoform	173	10.163	10.163	(1.077)	8149	5.00000	6.301
67 Isopropylbenzene	105	10.294	10.294	(1.090)	121466	5.00000	4.683
68 1,1,2,2-Tetrachloroethane	83	10.543	10.543	(0.924)	20579	5.00000	4.742
69 1,4-Dichloro-2-butene	53	10.590	10.590	(0.928)	5460	5.00000	6.453
70 1,2,3-Trichloropropane	110	10.590	10.590	(0.928)	6567	5.00000	4.663
71 Bromobenzene	156	10.555	10.555	(0.925)	31035	5.00000	4.952
72 n-Propylbenzene	120	10.649	10.649	(0.933)	33903	5.00000	4.774
73 2-Chlorotoluene	126	10.721	10.721	(0.940)	30114	5.00000	4.914
74 1,3,5-Trimethylbenzene	105	10.792	10.792	(0.946)	99005	5.00000	4.767
75 4-Chlorotoluene	126	10.815	10.815	(0.948)	30563	5.00000	4.939
76 tert-Butylbenzene	119	11.064	11.064	(0.970)	89761	5.00000	4.682
77 1,2,4-Trimethylbenzene	105	11.112	11.112	(0.974)	96296	5.00000	4.627
78 sec-Butylbenzene	105	11.254	11.254	(0.986)	115142	5.00000	4.630
79 4-Isopropyltoluene	119	11.373	11.373	(0.997)	103483	5.00000	4.562
80 1,3-Dichlorobenzene	146	11.349	11.349	(0.995)	60122	5.00000	5.020

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8594.D
Report Date: 18-May-2010 08:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
81 1,4-Dichlorobenzene	146	11.420	11.420	(1.001)	63379	5.00000	5.217
82 n-Butylbenzene	91	11.717	11.717	(1.027)	83357	5.00000	4.766
83 1,2-Dichlorobenzene	146	11.740	11.740	(1.029)	54627	5.00000	4.801
84 1,2-Dibromo-3-chloropropane	157	12.393	12.393	(1.086)	3334	5.00000	6.133
85 1,2,4-Trichlorobenzene	180	13.080	13.080	(1.147)	43357	5.00000	5.059
86 Hexachlorobutadiene	225	13.211	13.211	(1.158)	16961	5.00000	5.196
87 Naphthalene	128	13.282	13.282	(1.164)	89577	5.00000	4.602
88 1,2,3-Trichlorobenzene	180	13.472	13.472	(1.181)	38820	5.00000	4.794
98 Cyclohexane	56	6.096	6.096	(0.907)	75320	5.00000	5.164
143 Methyl Acetate	43	3.570	3.570	(0.531)	47332	10.0000	9.663
144 Methylcyclohexane	83	7.258	7.258	(1.079)	47417	5.00000	4.939(a)
141 1,3,5-Trichlorobenzene	180	12.570	12.570	(1.102)	41999	5.00000	4.832
152 Vinyl Acetate-86	86	4.862	4.862	(0.723)	3068	5.00000	4.308(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8594.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8594.D
Lab Smp Id: 5NG-IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,2-8260.SUB,2807,1,1

Calibration Date: 17-MAY-2010
Calibration Time: 09:07

Level: LOW
Sample Type: WATER

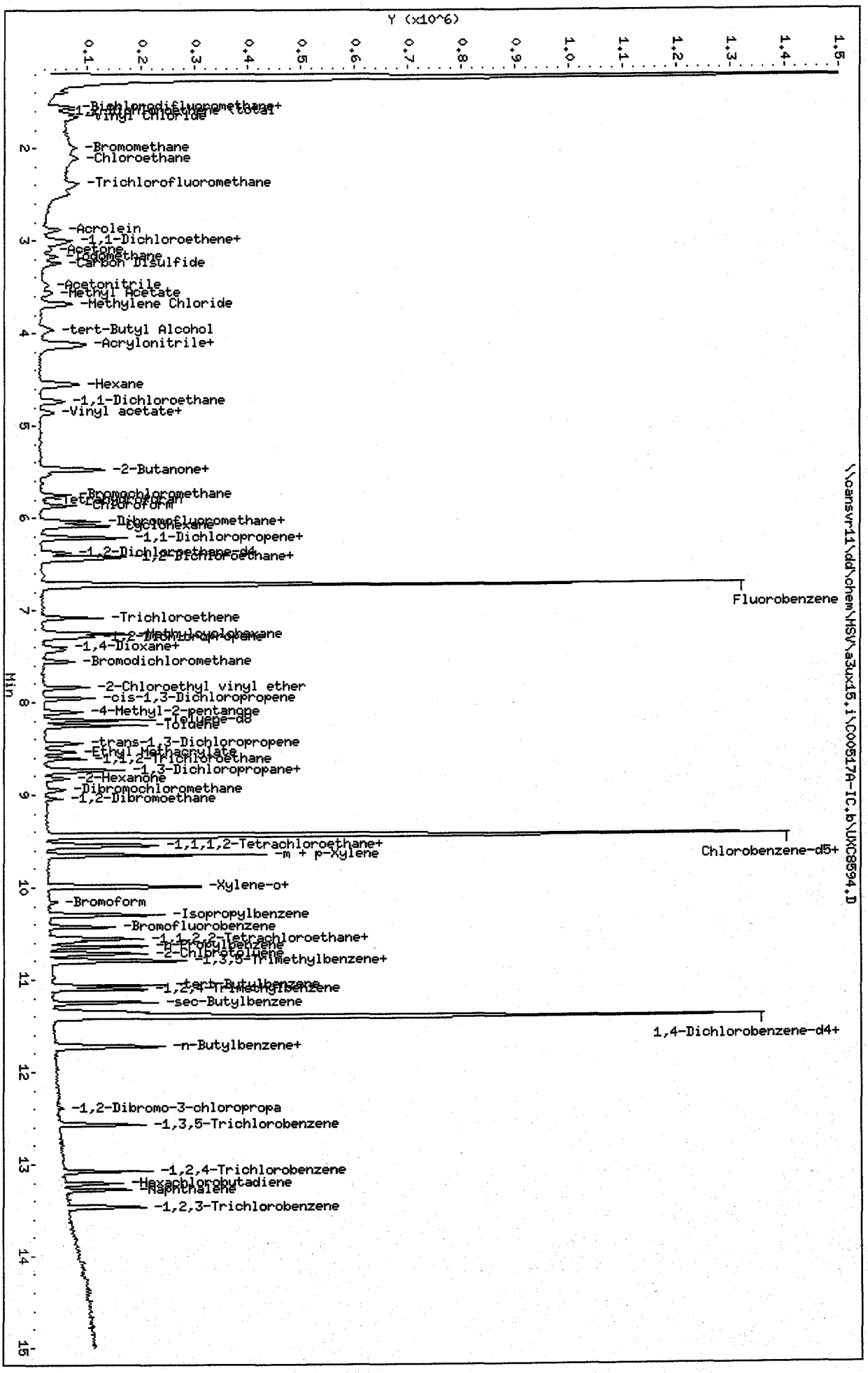
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1080170	540085	2160340	994941	-7.89
2 Chlorobenzene-d5	726425	363213	1452850	677241	-6.77
3 1,4-Dichlorobenze	357117	178559	714234	337397	-5.52

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	-0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	-0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.41	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\HSV\a3ux15.i\C00517A-IC.b\UXC8594.D
Date : 17-MAY-2010 10:19
Client ID:
Sample Info: 5NC-IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Report Date: 18-May-2010 09:08

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Lab Smp Id: ICV
Inj Date : 17-MAY-2010 10:43
Operator : 2807 Inst ID: a3ux15.i
Smp Info : ICV
Misc Info : C00517A-IC,8260LLUX15,,2807,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 09:03 quayler Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 8 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	1032060	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	693978	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.408	11.408	(1.000)	344681	50.0000	
$ 4 Dibromofluoromethane	113	6.036	6.036	(0.898)	258820	45.8763	9.175
$ 5 1,2-Dichloroethane-d4	65	6.380	6.380	(0.949)	346260	46.0856	9.217
$ 6 Toluene-d8	98	8.195	8.195	(0.868)	982516	46.2854	9.257
$ 7 Bromofluorobenzene	95	10.424	10.424	(1.104)	350593	47.1101	9.422
8 Dichlorodifluoromethane	85	1.388	1.388	(0.206)	221408	50.3351	10.067
9 Chloromethane	50	1.554	1.554	(0.231)	435364	47.0474	9.409
10 Vinyl Chloride	62	1.672	1.673	(0.249)	336368	49.4588	9.892
11 Bromomethane	94	2.004	2.005	(0.298)	93052	56.5694	11.314
12 Chloroethane	64	2.111	2.111	(0.314)	168343	48.1451	9.629
13 Trichlorofluoromethane	101	2.384	2.384	(0.355)	314784	58.5561	11.711
15 Acrolein	56	2.882	2.882	(0.429)	156110	189.099	37.820
16 Acetone	43	3.084	3.084	(0.459)	141278	67.4285	13.486
17 1,1-Dichloroethene	96	2.989	2.989	(0.445)	282974	58.9022	11.780
18 Freon-113	151	3.036	3.036	(0.452)	221658	60.6687	12.134
19 Iodomethane	142	3.167	3.167	(0.471)	556384	57.1805	11.436
20 Carbon Disulfide	76	3.238	3.238	(0.482)	828167	58.4211	11.684
21 Methylene Chloride	84	3.677	3.688	(0.547)	294824	49.5387	9.908
22 Acetonitrile	41	3.475	3.475	(0.517)	58139	93.4779	18.696
23 Acrylonitrile	53	4.092	4.092	(0.609)	320781	139.305	27.861

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Report Date: 18-May-2010 09:08

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	4.139	4.139	(0.616)	536335	47.1941	9.439
	25 trans-1,2-Dichloroethene	96	4.115	4.115	(0.612)	307870	51.8880	10.378
	26 Hexane	86	4.554	4.554	(0.677)	70883	58.1895	11.638
	27 Vinyl acetate	43	4.862	4.851	(0.723)	1321109	113.487	22.697
	28 1,1-Dichloroethane	63	4.732	4.732	(0.704)	647908	51.6898	10.338
	29 tert-Butyl Alcohol	59	3.949	3.961	(0.587)	124399	278.654	55.731
	30 2-Butanone	43	5.526	5.527	(0.822)	186823	80.0528	16.010
M	31 1,2-Dichloroethene (total)	96				637756	101.777	20.355
	32 cis-1,2-dichloroethene	96	5.479	5.479	(0.815)	329886	49.8886	9.978
	33 2,2-Dichloropropane	77	5.467	5.467	(0.813)	346545	47.8171	9.563
	34 Bromochloromethane	128	5.752	5.752	(0.855)	157158	49.6420	9.928
	35 Chloroform	83	5.870	5.870	(0.873)	521064	50.6747	10.135
	36 Tetrahydrofuran	42	5.811	5.811	(0.864)	78426	40.6891	8.138
	37 1,1,1-Trichloroethane	97	6.036	6.036	(0.898)	455774	51.3091	10.262
	38 1,1-Dichloropropene	75	6.214	6.214	(0.924)	404809	50.7216	10.144
	39 Carbon Tetrachloride	117	6.214	6.214	(0.924)	401766	50.7508	10.150
	40 1,2-Dichloroethane	62	6.463	6.463	(0.961)	506608	50.9926	10.198
	41 Benzene	78	6.428	6.428	(0.956)	1165149	50.2296	10.046
	42 Trichloroethene	130	7.080	7.080	(1.053)	344230	50.7847	10.157
	43 1,2-Dichloropropane	63	7.293	7.293	(1.085)	331655	50.1559	10.031
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	7.400	7.400	(1.101)	152388	50.2227	10.044
	46 Bromodichloromethane	83	7.554	7.554	(1.123)	331454	49.5667	9.913
	47 2-Chloroethyl vinyl ether	63	7.839	7.839	(1.166)	156681	50.9991	10.200
	48 cis-1,3-Dichloropropene	75	7.957	7.958	(1.183)	398624	49.8139	9.963
	49 4-Methyl-2-pentanone	43	8.100	8.100	(1.205)	499795	95.0548	19.011
	50 Toluene	91	8.254	8.254	(0.874)	1181890	49.3966	9.879
	51 trans-1,3-Dichloropropene	75	8.444	8.444	(0.894)	340384	50.3001	10.060
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	8.610	8.610	(0.912)	206162	49.2518	9.850
	54 1,3-Dichloropropane	76	8.752	8.752	(0.927)	367803	49.5776	9.916
	55 Tetrachloroethene	164	8.728	8.728	(0.925)	252076	49.6592	9.932
	56 2-Hexanone	43	8.823	8.823	(0.935)	291086	92.6598	18.532
	57 Dibromochloromethane	129	8.942	8.942	(0.947)	225329	44.1427	8.828
	58 1,2-Dibromoethane	107	9.037	9.037	(0.957)	205947	50.0356	10.007
	59 Chlorobenzene	112	9.463	9.464	(1.002)	792955	49.6301	9.926
	60 1,1,1,2-Tetrachloroethane	131	9.535	9.535	(1.010)	282318	49.9299	9.986
	61 Ethylbenzene	106	9.558	9.558	(1.013)	430394	50.0536	10.011
	62 m + p-Xylene	106	9.653	9.653	(1.023)	1063702	100.227	20.045
M	63 Xylenes (total)	106				1591532	151.080	30.216
	64 Xylene-o	106	9.985	9.985	(1.058)	527830	50.8529	10.170
	65 Styrene	104	9.997	9.997	(1.059)	782250	49.3993	9.880
	66 Bromoform	173	10.163	10.163	(1.077)	107500	40.7358	8.147
	67 Isopropylbenzene	105	10.294	10.294	(1.090)	1311062	49.3315	9.866
	68 1,1,2,2-Tetrachloroethane	83	10.543	10.543	(0.924)	208405	47.0046	9.401
	69 1,4-Dichloro-2-butene	53	10.590	10.590	(0.928)	144603	76.8261	15.365
	70 1,2,3-Trichloropropane	110	10.590	10.590	(0.928)	75141	52.2285	10.446
	71 Bromobenzene	156	10.554	10.555	(0.925)	319489	49.9006	9.980
	72 n-Propylbenzene	120	10.649	10.649	(0.933)	368650	50.8125	10.162
	73 2-Chlorotoluene	126	10.720	10.721	(0.940)	312304	49.8907	9.978
	74 1,3,5-Trimethylbenzene	105	10.792	10.792	(0.946)	1052560	49.6084	9.922
	75 4-Chlorotoluene	126	10.815	10.815	(0.948)	318778	50.4299	10.086
	76 tert-Butylbenzene	119	11.064	11.064	(0.970)	992157	50.6574	10.131
	77 1,2,4-Trimethylbenzene	105	11.100	11.112	(0.973)	1092194	51.3745	10.275

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Report Date: 18-May-2010 09:08

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	11.254	11.254	(0.986)	1268904	49.9408	9.988
79 4-Isopropyltoluene	119	11.373	11.373	(0.997)	1179014	50.8798	10.176
80 1,3-Dichlorobenzene	146	11.349	11.349	(0.995)	593788	48.5374	9.707
81 1,4-Dichlorobenzene	146	11.420	11.420	(1.001)	610348	49.1823	9.836
82 n-Butylbenzene	91	11.717	11.717	(1.027)	890874	49.8575	9.972
83 1,2-Dichlorobenzene	146	11.740	11.740	(1.029)	563125	48.4503	9.690
84 1,2-Dibromo-3-chloropropane	157	12.393	12.393	(1.086)	34931	37.8817	7.576
85 1,2,4-Trichlorobenzene	180	13.080	13.080	(1.147)	418883	47.8433	9.569
86 Hexachlorobutadiene	225	13.211	13.211	(1.158)	153765	46.1086	9.222
87 Naphthalene	128	13.282	13.282	(1.164)	919916	46.2581	9.252
88 1,2,3-Trichlorobenzene	180	13.472	13.472	(1.181)	379474	45.8754	9.175
14 Dichlorofluoromethane	67	2.360	2.337	(0.351)	3198	1.61495	0.3230
89 Ethyl Ether	59	2.728	2.740	(0.406)	320494	53.0516	10.610
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	4.886	4.886	(0.727)	258315	49.4492	9.890
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	5.621	5.621	(0.836)	26918	5.21403	1.043
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	6.428	6.428	(0.681)	110275	561.727	112.34
100 Methyl Methacrylate	41	7.282	7.424	(1.083)	310400	61.9752	12.395
101 2-Nitropropane	41	7.839	7.768	(1.166)	9298	7.68521	1.537
98 Cyclohexane	56	6.084	6.084	(0.905)	692963	45.8048	9.161
143 Methyl Acetate	43	3.558	3.558	(0.529)	233478	45.9534	9.191
144 Methylcyclohexane	83	7.258	7.258	(1.079)	491491	49.3496	9.870
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	4.851	4.862	(0.721)	44811	60.6616	12.132
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	11.468	11.468	(1.005)	1078828	54.7052	10.941

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Report Date: 18-May-2010 09:08

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Lab Smp Id: ICV
Inj Date : 17-MAY-2010 10:43
Operator : 2807 Inst ID: a3ux15.i
Smp Info : ICV
Misc Info : C00517A-IC,8260LLUX15,,2807,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 09:03 quayler Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 8 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 1 Fluorobenzene	6.725	2346115	50.000
* 3 1,4-Dichlorobenzene-d4	11.409	5121827	50.000

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
1.222	6108316	130.179349	26.036	0		0	1
1-Propene, 2-methyl-				CAS #: 115-11-7			
1.626	371832	7.92441878	1.585	86	NBS75K.l	62306	1
Unknown				CAS #:			
14.895	629589	6.14613179	1.229	0		0	3

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Report Date: 18-May-2010 09:08

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8595.D
Lab Smp Id: ICV
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Calibration Date: 17-MAY-2010
Calibration Time: 09:07
Level: LOW
Sample Type: WATER
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,,2807,3

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1080170	540085	2160340	1032060	-4.45
2 Chlorobenzene-d5	726425	363213	1452850	693978	-4.47
3 1,4-Dichlorobenze	357117	178559	714234	344681	-3.48

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	-0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	-0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.41	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Report Date: 18-May-2010 09:08

TestAmerica North Canton

RECOVERY REPORT

Client Name:
Client SDG: SDGa00932
Sample Matrix: LIQUID
Fraction: VOA
Lab Smp Id: ICV
Level: LOW
Operator: 2807
Data Type: MS DATA
SampleType: METHSPIKE
SpikeList File: DOD-ck.spk
Quant Type: ISTD
Sublist File: 4-8260+IX.sub
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,,2807,3

	SPIKE	COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
	17	1,1-Dichloroethene	10.000	11.780	117.80	45-155
	42	Trichloroethene	10.000	10.157	101.57	45-155
	59	Chlorobenzene	10.000	9.926	99.26	45-155
	50	Toluene	10.000	9.879	98.79	45-155
	41	Benzene	10.000	10.046	100.46	45-155
	16	Acetone	20.000	13.486	67.43	45-155
	20	Carbon Disulfide	10.000	11.684	116.84	45-155
	9	Chloromethane	10.000	9.409	94.09	45-155
	11	Bromomethane	10.000	11.314	113.14	45-155
	10	Vinyl Chloride	10.000	9.892	98.92	45-155
	12	Chloroethane	10.000	9.629	96.29	45-155
	21	Methylene Chloride	10.000	9.908	99.08	45-155
	28	1,1-Dichloroethane	10.000	10.338	103.38	45-155
M	31	1,2-Dichloroethene	20.000	20.355	101.78	45-155
	35	Chloroform	10.000	10.135	101.35	45-155
	40	1,2-Dichloroethane	10.000	10.198	101.99	45-155
	30	2-Butanone	20.000	16.010	80.05	45-155
	37	1,1,1-Trichloroeth	10.000	10.262	102.62	45-155
	39	Carbon Tetrachlori	10.000	10.150	101.50	45-155
	46	Bromodichlorometha	10.000	9.913	99.13	45-155
	43	1,2-Dichloropropan	10.000	10.031	100.31	45-155
	48	cis-1,3-Dichloropr	10.000	9.963	99.63	45-155
	54	1,3-Dichloropropan	10.000	9.916	99.16	45-155
	57	Dibromochlorometha	10.000	8.828	88.29	45-155
	53	1,1,2-Trichloroeth	10.000	9.850	98.50	45-155
	51	trans-1,3-Dichloro	10.000	10.060	100.60	45-155
	66	Bromoform	10.000	8.147	81.47	45-155
	49	4-Methyl-2-pentano	20.000	19.011	95.05	45-155
	56	2-Hexanone	20.000	18.532	92.66	45-155
	55	Tetrachloroethene	10.000	9.932	99.32	45-155
	68	1,1,2,2-Tetrachlor	10.000	9.401	94.01	45-155
	61	Ethylbenzene	10.000	10.011	100.11	45-155
	65	Styrene	10.000	9.880	98.80	45-155
M	63	Xylenes (total)	30.000	30.216	100.72	45-155
	32	cis-1,2-dichloroet	10.000	9.978	99.78	45-155
	25	trans-1,2-Dichloro	10.000	10.378	103.78	45-155
	8	Dichlorodifluorome	10.000	10.067	100.67	45-155
	13	Trichlorofluoromet	10.000	11.711	117.11	45-155
	70	1,2,3-Trichloropro	10.000	10.446	104.46	45-155
	18	Freon-113	10.000	12.134	121.34	45-155

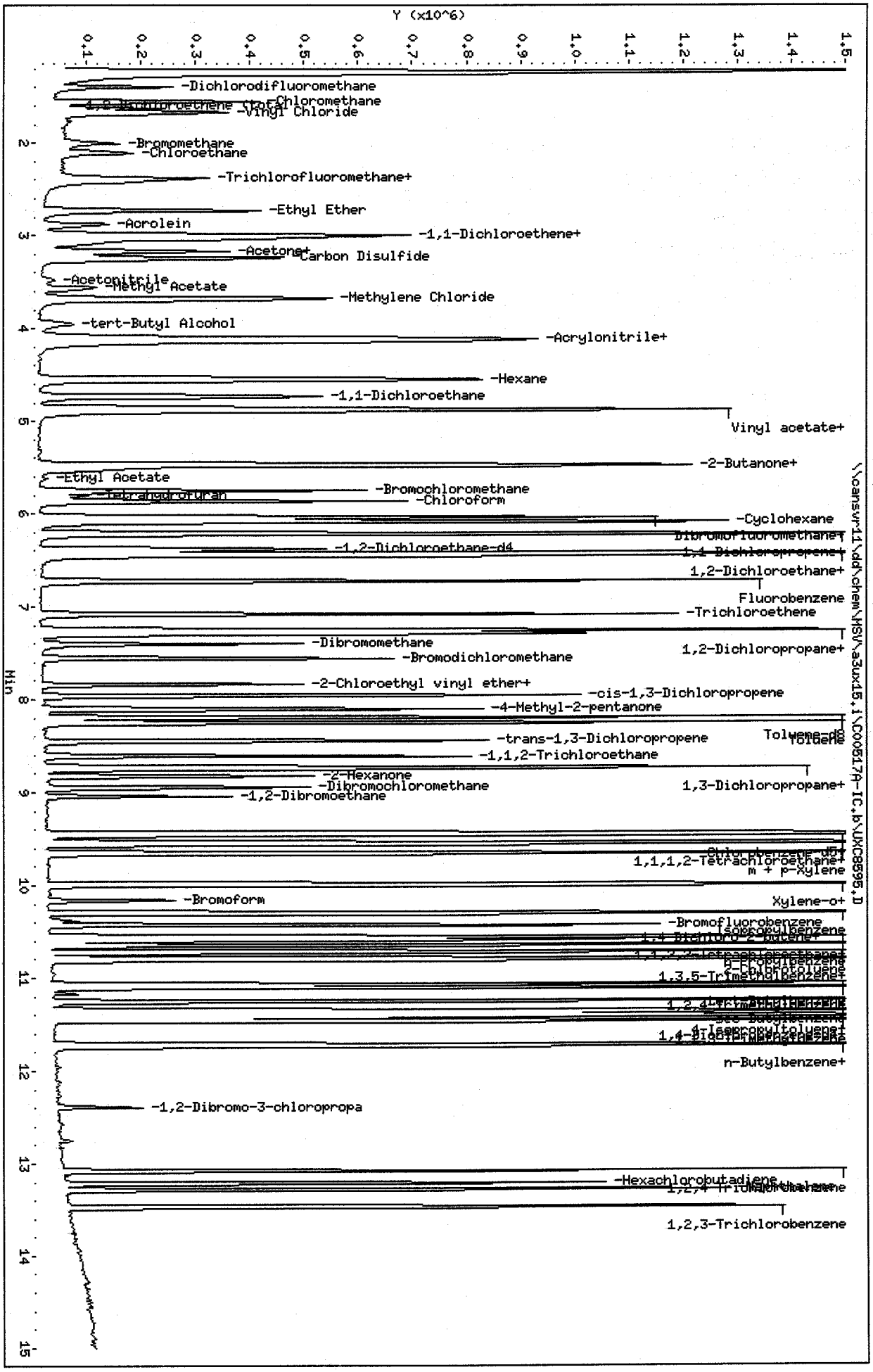
Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Report Date: 18-May-2010 09:08

SPIKE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
24 Methyl tert-butyl	10.000	9.439	94.39	45-155
58 1,2-Dibromoethane	10.000	10.007	100.07	45-155
67 Isopropylbenzene	10.000	9.866	98.66	45-155
80 1,3-Dichlorobenzen	10.000	9.707	97.07	45-155
81 1,4-Dichlorobenzen	10.000	9.836	98.36	45-155
83 1,2-Dichlorobenzen	10.000	9.690	96.90	45-155
84 1,2-Dibromo-3-chlo	10.000	7.576	75.76	45-155
85 1,2,4-Trichloroben	10.000	9.569	95.69	45-155
98 Cyclohexane	10.000	9.161	91.61	45-155
143 Methyl Acetate	10.000	9.191	91.91	45-155
144 Methylcyclohexane	10.000	9.870	98.70	45-155
71 Bromobenzene	10.000	9.980	99.80	45-155
34 Bromochloromethane	10.000	9.928	99.28	45-155
82 n-Butylbenzene	10.000	9.972	99.72	45-155
78 sec-Butylbenzene	10.000	9.988	99.88	45-155
76 tert-Butylbenzene	10.000	10.131	101.31	45-155
73 2-Chlorotoluene	10.000	9.978	99.78	45-155
75 4-Chlorotoluene	10.000	10.086	100.86	45-155
45 Dibromomethane	10.000	10.044	100.45	45-155
33 2,2-Dichloropropan	10.000	9.563	95.63	45-155
38 1,1-Dichloropropen	10.000	10.144	101.44	45-155
86 Hexachlorobutadien	10.000	9.222	92.22	45-155
19 Iodomethane	10.000	11.436	114.36	45-155
92 Isopropyl Ether	10.000	9.890	98.90	45-155
79 4-Isopropyltoluene	10.000	10.176	101.76	45-155
87 Naphthalene	10.000	9.252	92.52	45-155
72 n-Propylbenzene	10.000	10.162	101.63	45-155
60 1,1,1,2-Tetrachlor	10.000	9.986	99.86	45-155
88 1,2,3-Trichloroben	10.000	9.175	91.75	45-155
77 1,2,4-Trimethylben	10.000	10.275	102.75	45-155
74 1,3,5-Trimethylben	10.000	9.922	99.22	45-155
152 Vinyl Acetate-86	10.000	12.132	121.32	45-155
62 m + p-Xylene	20.000	20.045	100.23	45-155
64 Xylene-o	10.000	10.170	101.71	45-155

SURROGATE COMPOUND	CONC ADDED ug/L	CONC RECOVERED ug/L	% RECOVERED	LIMITS
$ 4 Dibromofluorometha	10.000	9.175	91.75	73-122
$ 5 1,2-Dichloroethane	10.000	9.217	92.17	61-128
$ 6 Toluene-d8	10.000	9.257	92.57	76-110
$ 7 Bromofluorobenzene	10.000	9.422	94.22	74-116

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8595.D
Date : 17-MAY-2010 10:43
Client ID:
Sample Info: ICV
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8596.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8596.D
Lab Smp Id: 200NG-A9IC
Inj Date : 17-MAY-2010 11:08
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 200NG-A9IC
Misc Info : C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,6
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 13:10 Cal File: UXC8601.D
Als bottle: 9 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	1052480	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	718442	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.408	11.408	(1.000)	342589	50.0000	
14 Dichlorofluoromethane	67	2.348	2.348	(0.349)	1184301	200.000	200.26
89 Ethyl Ether	59	2.740	2.740	(0.407)	1242892	200.000	201.74
91 3-Chloropropene	76	3.499	3.499	(0.520)	605583	200.000	212.94
92 Isopropyl Ether	87	4.886	4.886	(0.727)	5414069	1000.00	1016.3
93 2-Chloro-1,3-butadiene	53	4.862	4.862	(0.723)	2792001	200.000	209.54
94 Propionitrile	54	5.586	5.586	(0.831)	218536	400.000	349.96
95 Ethyl Acetate	43	5.621	5.621	(0.836)	2256218	400.000	428.55
96 Methacrylonitrile	41	5.764	5.764	(0.857)	823859	200.000	221.87
97 Isobutanol	41	6.428	6.428	(0.681)	288287	4000.00	1577.4
100 Methyl Methacrylate	41	7.424	7.424	(1.104)	1185446	200.000	232.10
101 2-Nitropropane	41	7.768	7.768	(1.155)	575414	400.000	466.38
146 2-Methylnaphthalene	142	14.136	14.136	(1.239)	5194007	400.000	421.03
155 tert-Butyl Ethyl Ether	59	5.349	5.349	(0.795)	3405200	200.000	182.92
156 tert-Amyl Methyl Ether	73	6.570	6.570	(0.977)	2112080	200.000	178.70
157 1,2,3-Trimethylbezene	105	11.468	11.468	(1.005)	4306549	200.000	219.71

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8596.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8596.D
Lab Smp Id: 200NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,6

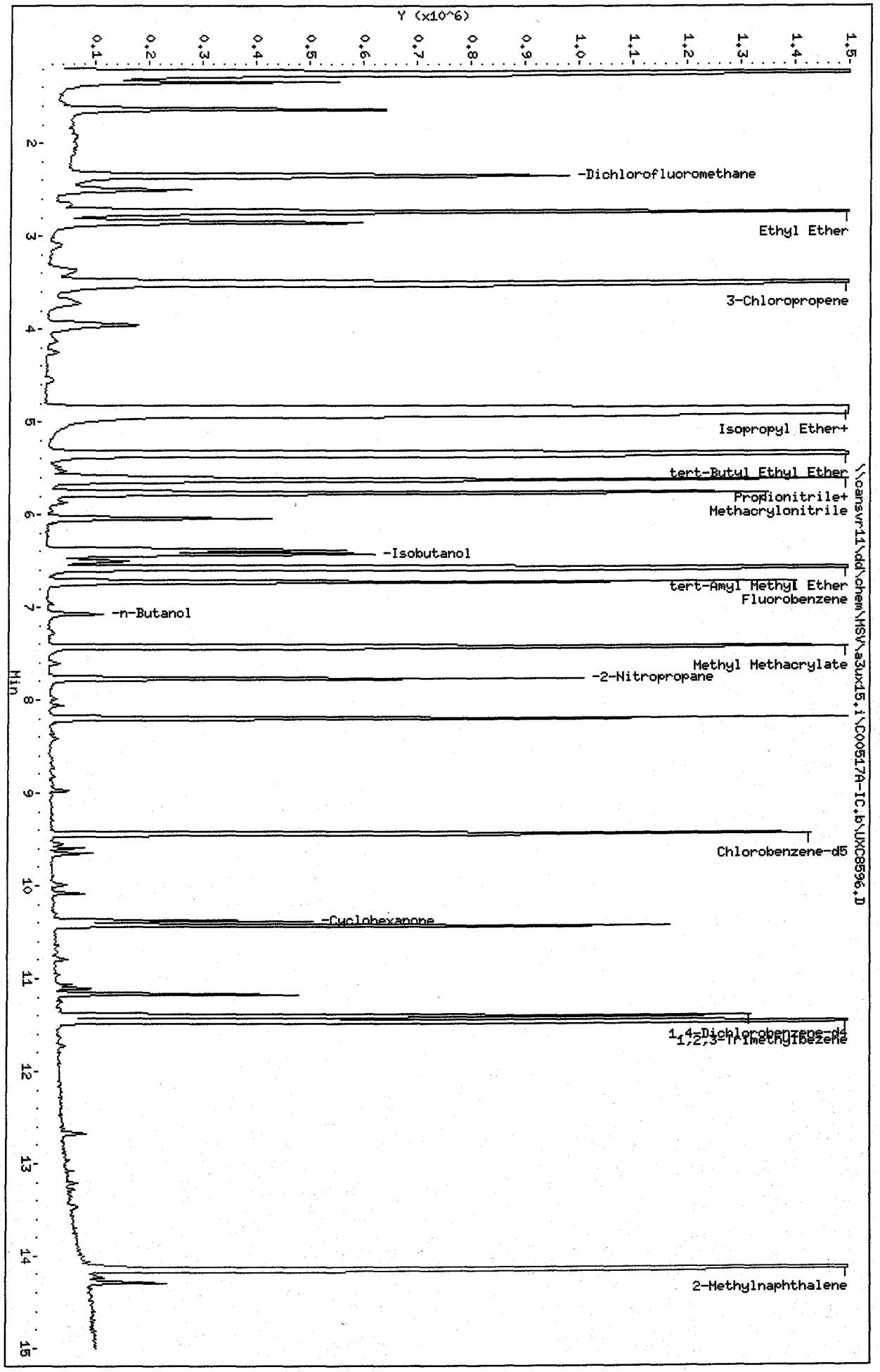
Calibration Date: 17-MAY-2010
Calibration Time: 09:07

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1080170	540085	2160340	1052480	-2.56
2 Chlorobenzene-d5	726425	363213	1452850	718442	-1.10
3 1,4-Dichlorobenze	357117	178559	714234	342589	-4.07

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.41	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\HSV\a3ux15.i\C005170-IC.b\UXC8596.D
Date : 17-MAY-2010 11:08
Client ID:
Sample Info: 200NG-A9IC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorofluoromethane
Ethyl Ether
3-Chloropropene
Isopropyl Ether+
tert-Butyl Ethyl Ether
Propionitrile+
Methacrylonitrile
-Isobutanol
tert-Amyl Methyl Ether
Fluorobenzene
-n-Butanol
Methyl Methacrylate
-2-Nitropropane
Chlorobenzene-d5
-Cyclohexanone
1,4-Dichlorobenzene-d4
1,2,3-Trimethylbenzene
2-Methylnaphthalene
\\cansvr11\dd\chem\HSV\a3ux15.i\C005170-IC.b\UXC8596.D

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8597.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8597.D
Lab Smp Id: 100NG-A9IC
Inj Date : 17-MAY-2010 11:32
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 100NG-A9IC
Misc Info : C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,5
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:08 Cal File: UXC8596.D
Als bottle: 10 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	1003385	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	684026	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.397	11.397	(1.000)	329684	50.0000	
14 Dichlorofluoromethane	67	2.337	2.337	(0.348)	652249	100.000	98.823
89 Ethyl Ether	59	2.740	2.740	(0.407)	603476	100.000	102.75
91 3-Chloropropene	76	3.499	3.499	(0.520)	289956	100.000	106.94
92 Isopropyl Ether	87	4.886	4.886	(0.727)	2625563	500.000	516.97
93 2-Chloro-1,3-butadiene	53	4.862	4.862	(0.723)	1322067	100.000	104.08
94 Propionitrile	54	5.586	5.586	(0.831)	125979	200.000	211.61
95 Ethyl Acetate	43	5.621	5.621	(0.836)	997575	200.000	198.75
96 Methacrylonitrile	41	5.764	5.764	(0.857)	367924	100.000	103.93
97 Isobutanol	41	6.428	6.428	(0.681)	337048	2000.00	1960.8
100 Methyl Methacrylate	41	7.424	7.424	(1.104)	511989	100.000	105.15
101 2-Nitropropane	41	7.768	7.768	(1.155)	237854	200.000	202.22
146 2-Methylnaphthalene	142	14.136	14.136	(1.240)	2518522	200.000	212.14
155 tert-Butyl Ethyl Ether	59	5.349	5.349	(0.795)	1853474	100.000	104.44
156 tert-Amyl Methyl Ether	73	6.570	6.570	(0.977)	1180386	100.000	104.76
157 1,2,3-Trimethylbezene	105	11.468	11.468	(1.006)	2035350	100.000	107.90

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8597.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8597.D
Lab Smp Id: 100NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,5

Calibration Date: 17-MAY-2010
Calibration Time: 09:07

Level: LOW
Sample Type: WATER

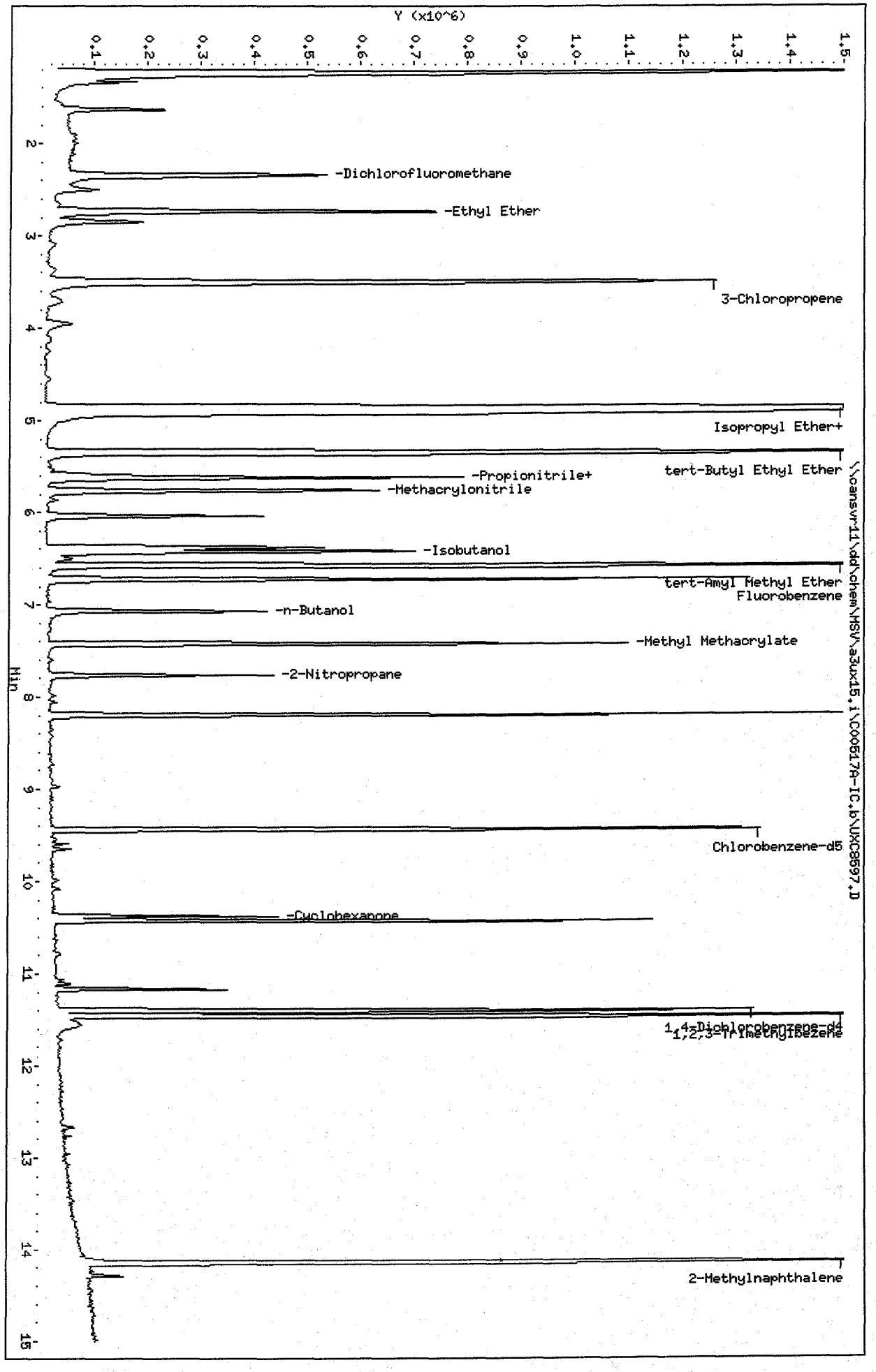
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	1080170	540085	2160340	1003385	-7.11
2 Chlorobenzene-d5	726425	363213	1452850	684026	-5.84
3 1,4-Dichlorobenze	357117	178559	714234	329684	-7.68

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.40	-0.10

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8597.D
Date : 17-MAY-2010 11:32
Client ID:
Sample Info: 100NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D
Lab Smp Id: 50NG-A9IC
Inj Date : 17-MAY-2010 11:57
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 50NG-A9IC
Misc Info : C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,4
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:32 Cal File: UXC8597.D
Als bottle: 11 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	950137	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	628152	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.408	11.408	(1.000)	313167	50.0000	
14 Dichlorofluoromethane	67	2.336	2.336	(0.348)	351795	50.0000	50.996
89 Ethyl Ether	59	2.728	2.728	(0.406)	288761	50.0000	51.920
91 3-Chloropropene	76	3.499	3.499	(0.520)	134198	50.0000	52.270
92 Isopropyl Ether	87	4.886	4.886	(0.727)	1217134	250.000	253.08
93 2-Chloro-1,3-butadiene	53	4.850	4.850	(0.721)	615584	50.0000	51.177
94 Propionitrile	54	5.586	5.586	(0.831)	56628	100.000	100.45
95 Ethyl Acetate	43	5.621	5.621	(0.836)	436904	100.000	91.925
96 Methacrylonitrile	41	5.764	5.764	(0.857)	163402	50.0000	48.745
97 Isobutanol	41	6.428	6.428	(0.681)	173618	1000.00	1054.1
100 Methyl Methacrylate	41	7.424	7.424	(1.104)	225428	50.0000	48.890
101 2-Nitropropane	41	7.768	7.768	(1.155)	104282	100.000	93.626
146 2-Methylnaphthalene	142	14.136	14.136	(1.239)	1195916	100.000	106.05
155 tert-Butyl Ethyl Ether	59	5.349	5.349	(0.795)	894306	50.0000	53.216
156 tert-Amyl Methyl Ether	73	6.570	6.570	(0.977)	562193	50.0000	52.690
157 1,2,3-Trimethylbezene	105	11.468	11.468	(1.005)	906714	50.0000	50.604

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8598.D
Lab Smp Id: 50NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,4

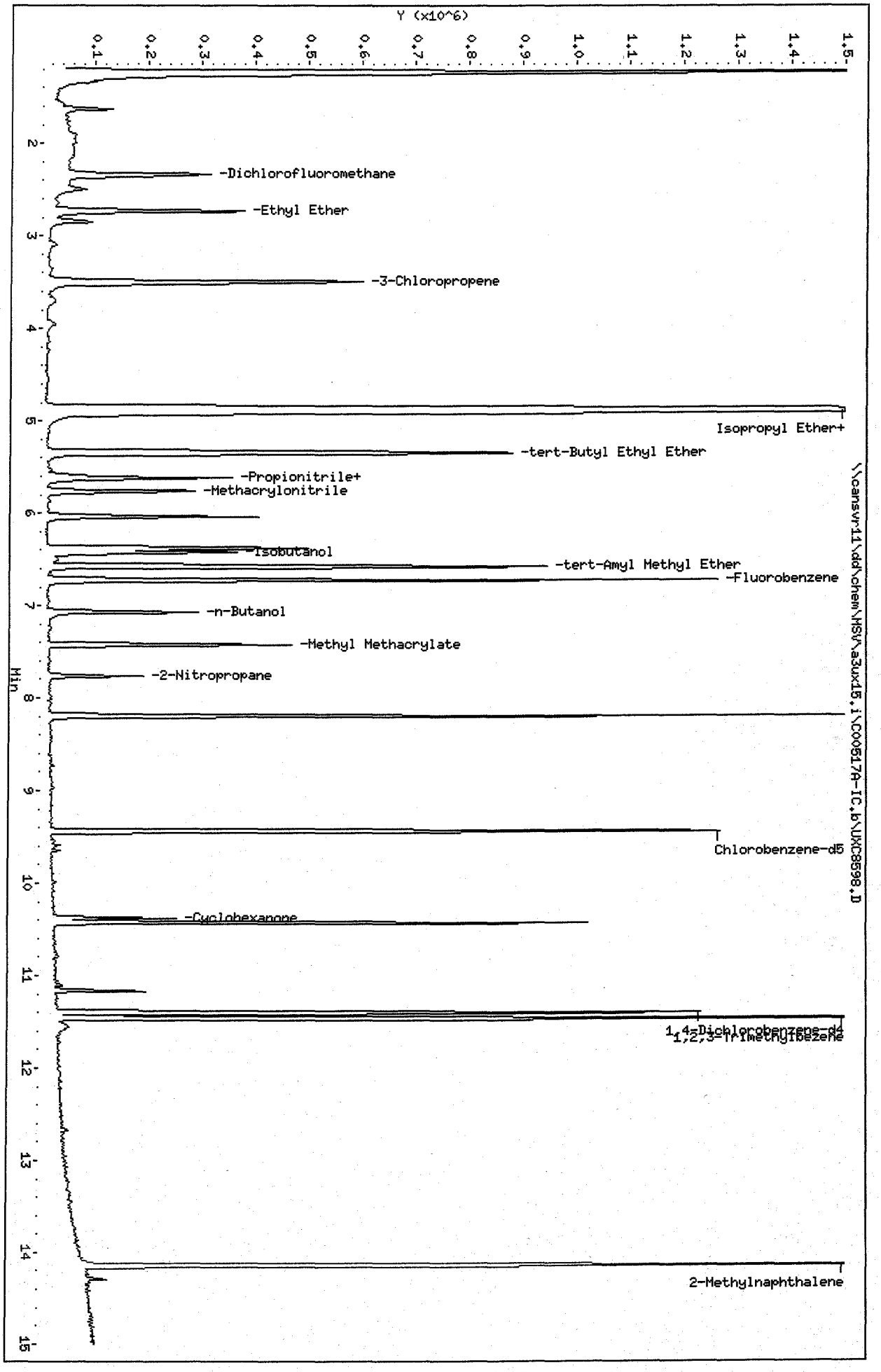
Calibration Date: 17-MAY-2010
Calibration Time: 11:57

Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	950137	475069	1900274	950137	0.00
2 Chlorobenzene-d5	628152	314076	1256304	628152	0.00
3 1,4-Dichlorobenze	313167	156584	626334	313167	0.00

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.41	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D
Date : 17-MAY-2010 11:57
Client ID:
Sample Info: 50NG-A91C
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorofluoromethane
-Ethyl Ether
-3-Chloropropene
Isopropyl Ether+
-tert-Butyl Ethyl Ether
-Propionitrile+
-Methacrylonitrile
-Isobutanol
-tert-Amyl Methyl Ether
-Fluorobenzene
-n-Butanol
-Methyl Methacrylate
-2-Nitropropane
Chlorobenzene-d5
-Cyclohexanone
1,4-Dichlorobenzene-d4
1,2,3-Trimethylbenzene
2-Methylnaphthalene
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Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8599.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8599.D
Lab Smp Id: 25NG-A9IC
Inj Date : 17-MAY-2010 12:21
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 25NG-A9IC
Misc Info : C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	917207	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	589688	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.397	11.397	(1.000)	291855	50.0000	
14 Dichlorofluoromethane	67	2.337	2.337	(0.348)	181069	25.0000	25.857
89 Ethyl Ether	59	2.728	2.728	(0.406)	134093	25.0000	24.976
91 3-Chloropropene	76	3.499	3.499	(0.520)	64323	25.0000	25.953
92 Isopropyl Ether	87	4.886	4.886	(0.727)	588359	125.000	126.73
93 2-Chloro-1,3-butadiene	53	4.851	4.851	(0.721)	294746	25.0000	25.384
94 Propionitrile	54	5.586	5.586	(0.831)	26819	50.0000	49.282
95 Ethyl Acetate	43	5.621	5.621	(0.836)	194696	50.0000	42.435
96 Methacrylonitrile	41	5.764	5.764	(0.857)	72086	25.0000	22.276
97 Isobutanol	41	6.428	6.428	(0.681)	90258	500.000	537.24
100 Methyl Methacrylate	41	7.424	7.424	(1.104)	98569	25.0000	22.145
101 2-Nitropropane	41	7.756	7.756	(1.153)	43739	50.0000	40.679
146 2-Methylnaphthalene	142	14.136	14.136	(1.240)	554063	50.0000	52.720
155 tert-Butyl Ethyl Ether	59	5.349	5.349	(0.795)	439803	25.0000	27.110
156 tert-Amyl Methyl Ether	73	6.570	6.570	(0.977)	272204	25.0000	26.427
157 1,2,3-Trimethylbezene	105	11.468	11.468	(1.006)	420065	25.0000	25.156

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8599.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8599.D
Lab Smp Id: 25NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Calibration Date: 17-MAY-2010
Calibration Time: 11:57
Level: LOW
Sample Type: WATER
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,3

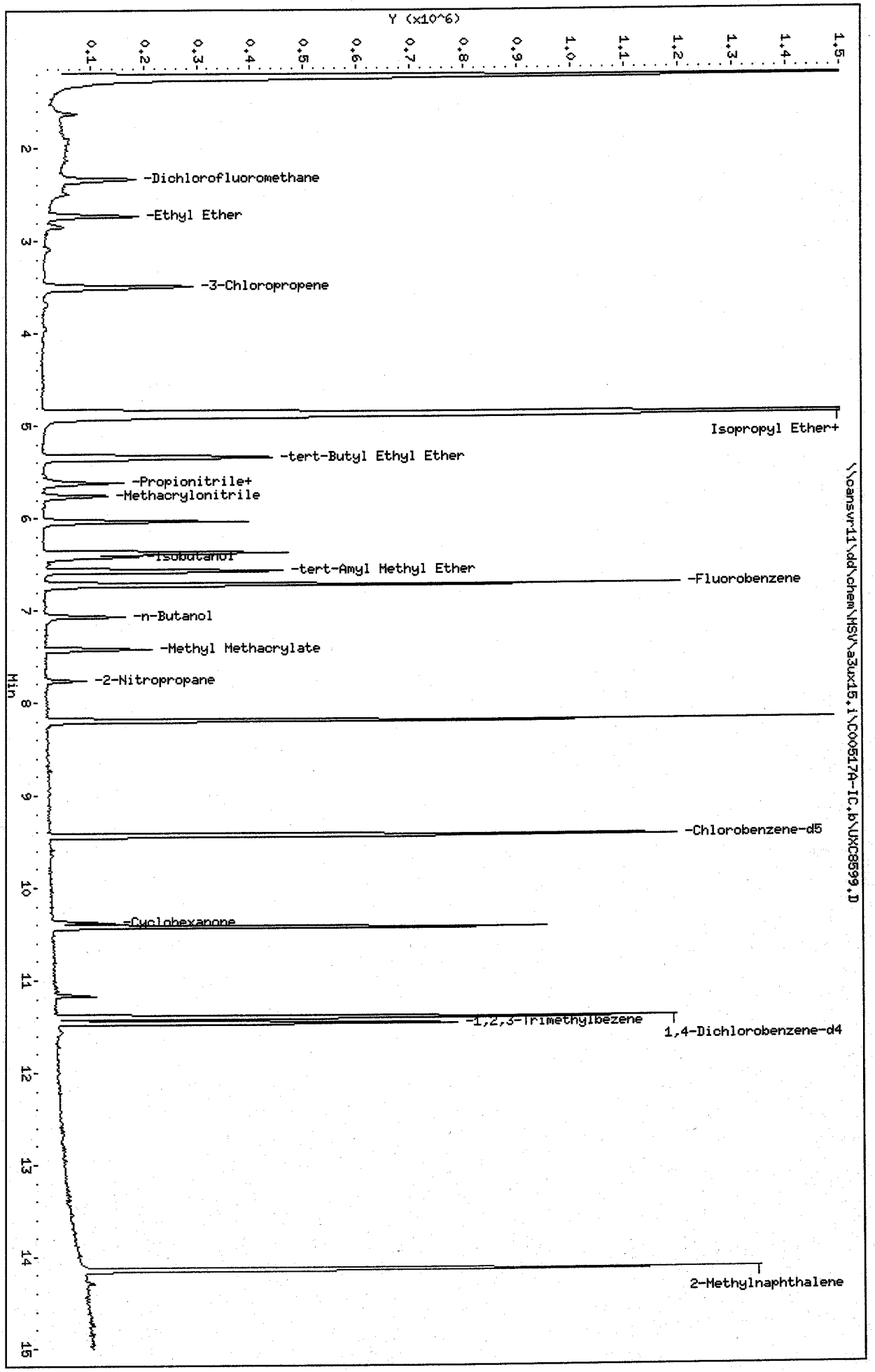
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	950137	475069	1900274	917207	-3.47
2 Chlorobenzene-d5	628152	314076	1256304	589688	-6.12
3 1,4-Dichlorobenze	313167	156584	626334	291855	-6.81

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.40	-0.10

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\oansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8599.D
Date : 17-MAY-2010 12:21
Client ID:
Sample Info: 25NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8600.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8600.D
Lab Smp Id: 10NG-A9IC
Inj Date : 17-MAY-2010 12:46
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 10NG-A9IC
Misc Info : C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 12:21 Cal File: UXC8599.D
Als bottle: 13 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	996056	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	683403	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.397	11.397	(1.000)	354781	50.0000	
14 Dichlorofluoromethane	67	2.337	2.337	(0.348)	55259	10.0000	7.731
89 Ethyl Ether	59	2.740	2.740	(0.407)	56387	10.0000	9.671
91 3-Chloropropene	76	3.499	3.499	(0.520)	21105	10.0000	7.841
92 Isopropyl Ether	87	4.886	4.886	(0.727)	232528	50.0000	46.122
93 2-Chloro-1,3-butadiene	53	4.851	4.851	(0.721)	116355	10.0000	9.227
94 Propionitrile	54	5.598	5.598	(0.832)	13122	20.0000	22.204
95 Ethyl Acetate	43	5.621	5.621	(0.836)	99702	20.0000	20.010
96 Methacrylonitrile	41	5.764	5.764	(0.857)	36020	10.0000	10.250
97 Isobutanol	41	6.428	6.428	(0.681)	51264	200.000	210.15
100 Methyl Methacrylate	41	7.424	7.424	(1.104)	46476	10.0000	9.615
101 2-Nitropropane	41	7.768	7.768	(1.155)	23921	20.0000	20.486
146 2-Methylnaphthalene	142	14.136	14.136	(1.240)	219312	20.0000	17.167
155 tert-Butyl Ethyl Ether	59	5.349	5.349	(0.795)	155044	10.0000	8.801
156 tert-Amyl Methyl Ether	73	6.570	6.570	(0.977)	100139	10.0000	8.952
157 1,2,3-Trimethylbezene	105	11.468	11.468	(1.006)	179152	10.0000	8.826

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8600.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8600.D
Lab Smp Id: 10NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,2

Calibration Date: 17-MAY-2010
Calibration Time: 11:57

Level: LOW
Sample Type: WATER

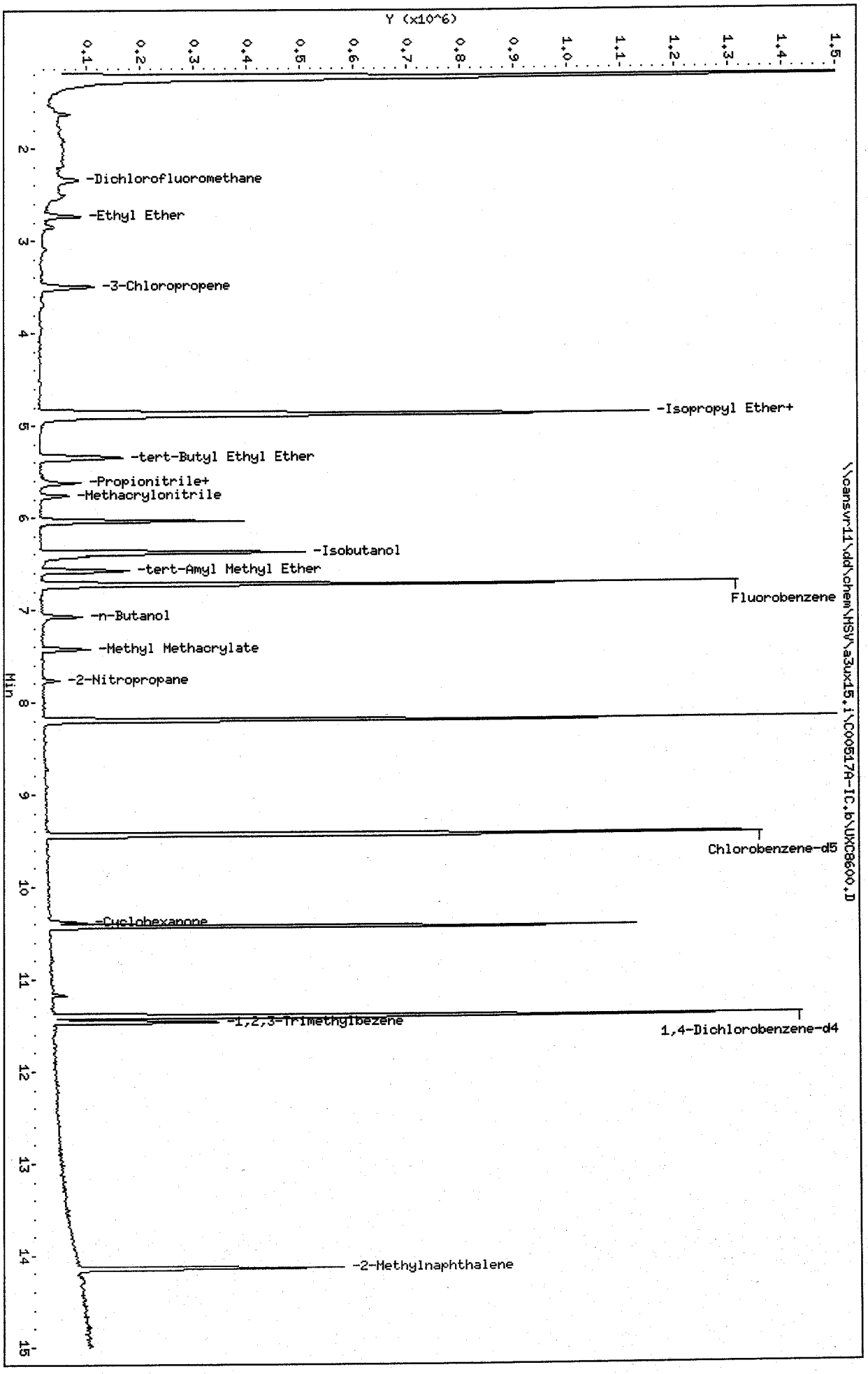
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	950137	475069	1900274	996056	4.83
2 Chlorobenzene-d5	628152	314076	1256304	683403	8.80
3 1,4-Dichlorobenze	313167	156584	626334	354781	13.29

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.40	-0.10

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\HSV\a3ux15.i\C00517A-IC.b\UXC8600.D
Date : 17-MAY-2010 12:46
Client ID:
Sample Info: 10NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8601.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8601.D
Lab Smp Id: 5NG-A9IC
Inj Date : 17-MAY-2010 13:10
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 5NG-A9IC
Misc Info : C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,1
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Meth Date : 18-May-2010 08:47 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 12:46 Cal File: UXC8600.D
Als bottle: 14 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANPMSV30

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.724	6.724	(1.000)	950549	50.0000	
* 2 Chlorobenzene-d5	117	9.440	9.440	(1.000)	611444	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.397	11.397	(1.000)	303691	50.0000	
14 Dichlorofluoromethane	67	2.337	2.337	(0.348)	41558	5.00000	6.331
89 Ethyl Ether	59	2.740	2.740	(0.407)	26686	5.00000	4.796
91 3-Chloropropene	76	3.499	3.499	(0.520)	12820	5.00000	4.991
92 Isopropyl Ether	87	4.886	4.886	(0.727)	120415	25.0000	25.028
93 2-Chloro-1,3-butadiene	53	4.851	4.851	(0.721)	57154	5.00000	4.749
94 Propionitrile	54	5.598	5.598	(0.832)	5452	10.0000	9.667
95 Ethyl Acetate	43	5.621	5.621	(0.836)	55460	10.0000	11.664
96 Methacrylonitrile	41	5.764	5.764	(0.857)	16103	5.00000	4.802
97 Isobutanol	41	6.428	6.428	(0.681)	20701	100.000	37.670
100 Methyl Methacrylate	41	7.424	7.424	(1.104)	22210	5.00000	4.815
101 2-Nitropropane	41	7.768	7.768	(1.155)	11687	10.0000	10.488
146 2-Methylnaphthalene	142	14.136	14.136	(1.240)	99893	10.0000	9.134
155 tert-Butyl Ethyl Ether	59	5.349	5.349	(0.795)	85089	5.00000	5.061
156 tert-Amyl Methyl Ether	73	6.570	6.570	(0.977)	56189	5.00000	5.264
157 1,2,3-Trimethylbezene	105	11.468	11.468	(1.006)	80058	5.00000	4.608(a)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8601.D
Report Date: 18-May-2010 08:47

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8601.D
Report Date: 18-May-2010 08:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC8601.D
Lab Smp Id: 5NG-A9IC
Analysis Type: VOA
Quant Type: ISTD
Operator: 2807
Calibration Date: 17-MAY-2010
Calibration Time: 11:57
Level: LOW
Sample Type: WATER
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\8260LLUX15.m
Misc Info: C00517A-IC,8260LLUX15,3-IX.SUB,2807,1,1

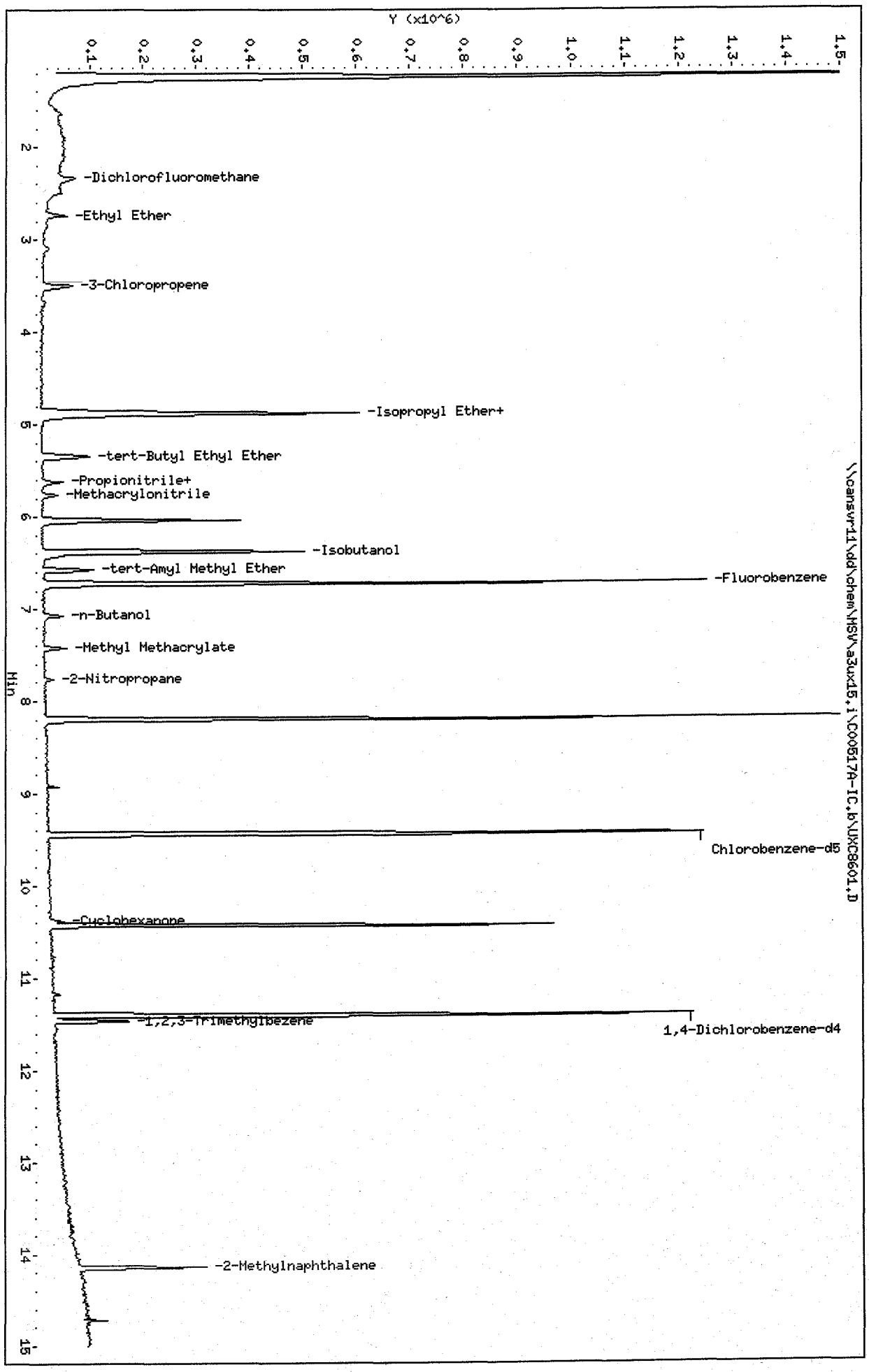
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	950137	475069	1900274	950549	0.04
2 Chlorobenzene-d5	628152	314076	1256304	611444	-2.66
3 1,4-Dichlorobenze	313167	156584	626334	303691	-3.03

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.41	10.91	11.91	11.40	-0.10

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8601.D
Date : 17-MAY-2010 13:10
Client ID:
Sample Info: 5NG-A9IC
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 2807
Column diameter: 0.18



Report Date: 02-Jun-2010 16:06

Calibration History

Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Start Cal Date: 17-MAY-2010 08:17
End Cal Date : 17-MAY-2010 13:10
Last Cal Level: 4
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 5.00000		
17-MAY-2010 13:10	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8601.D
17-MAY-2010 10:19	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8594.D
Cal Level: 2 , Cal Amount: 10.00000		
17-MAY-2010 12:46	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8600.D
17-MAY-2010 09:55	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8593.D
Cal Level: 3 , Cal Amount: 25.00000		
17-MAY-2010 12:21	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8599.D
17-MAY-2010 09:31	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8592.D
Cal Level: 4 , Cal Amount: 50.00000		
17-MAY-2010 11:57	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8598.D
17-MAY-2010 09:07	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8591.D
Cal Level: 5 , Cal Amount: 100.00000		
17-MAY-2010 11:32	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8597.D
17-MAY-2010 08:42	2-8260	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8590.D
Cal Level: 6 , Cal Amount: 200.00000		
17-MAY-2010 11:08	3-IX	\\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\UXC8596.D
17-MAY-2010 08:17	2-8260	

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+------------------+-----------------+----------------------------------------+


Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 4
+------------------+-----------------+----------------------------------------+
|02-JUN-2010 14:03 |2-8260           |                                        |
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|02-JUN-2010 14:28 |3-IX             |                                        |
|\\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9102.D                          |
+------------------+-----------------+----------------------------------------+
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Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
Report Date: 02-Jun-2010 14:55

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux15.i Injection Date: 02-JUN-2010 14:03
Lab File ID: UXC9101.D Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 08:17 13:10
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
$ 4 Dibromofluoromethane	0.27332	0.26737	0.26737	0.010	2.17955	50.00000	Averaged
$ 5 1,2-Dichloroethane-d4	0.36400	0.33257	0.33257	0.010	8.63514	50.00000	Averaged
$ 6 Toluene-d8	1.52940	1.42968	1.42968	0.010	6.52001	50.00000	Averaged
$ 7 Bromofluorobenzene	0.53618	0.49586	0.49586	0.010	7.52128	50.00000	Averaged
8 Dichlorodifluoromethane	0.21310	0.21676	0.21676	0.010	-1.71683	50.00000	Averaged
9 Chloromethane	0.44831	0.46943	0.46943	0.100	-4.71122	50.00000	Averaged
10 Vinyl Chloride	0.32949	0.35157	0.35157	0.010	-6.70163	20.00000	Averaged
11 Bromomethane	50.00000	48.71002	0.07879	0.010	2.57997	0.000e+000	Quadratic
12 Chloroethane	0.16940	0.15263	0.15263	0.010	9.89875	50.00000	Averaged
13 Trichlorofluoromethane	0.26044	0.29678	0.29678	0.010	-13.95288	50.00000	Averaged
15 Acrolein	0.04000	0.03918	0.03918	0.010	2.04116	50.00000	Averaged
16 Acetone	100	114	0.10841	0.010	-14.29927	0.000e+000	Wt Linear
17 1,1-Dichloroethene	0.23274	0.21975	0.21975	0.010	5.58195	20.00000	Averaged
18 Freon-113	0.17700	0.18667	0.18667	0.010	-5.46252	50.00000	Averaged
19 Iodomethane	0.47140	0.47077	0.47077	0.010	0.13350	50.00000	Averaged
20 Carbon Disulfide	0.68677	0.67972	0.67972	0.010	1.02711	50.00000	Averaged
21 Methylene Chloride	0.28833	0.28966	0.28966	0.010	-0.46364	50.00000	Averaged
22 Acetonitrile	0.03013	0.04294	0.04294	0.010	-42.49290	50.00000	Averaged
23 Acrylonitrile	0.11156	0.12853	0.12853	0.010	-15.21394	50.00000	Averaged
24 Methyl tert-butyl ether	0.55057	0.67203	0.67203	0.010	-22.05980	50.00000	Averaged
25 trans-1,2-Dichloroethene	0.28745	0.28385	0.28385	0.010	1.25269	50.00000	Averaged
26 Hexane	0.05902	0.05488	0.05488	0.010	6.99844	20.00000	Averaged
27 Vinyl acetate	0.56397	0.57366	0.57366	0.010	-1.71698	50.00000	Averaged
28 1,1-Dichloroethane	0.60726	0.58913	0.58913	0.100	2.98493	50.00000	Averaged
29 tert-Butyl Alcohol	1000	1010	0.01882	0.010	-1.03962	0.000e+000	Linear
30 2-Butanone	0.11306	0.12528	0.12528	0.010	-10.80188	50.00000	Averaged
M 31 1,2-Dichloroethene (total)	0.30390	0.29405	0.29405	0.010	3.24218	50.00000	Averaged
32 cis-1,2-dichloroethene	0.32035	0.30425	0.30425	0.010	5.02734	50.00000	Averaged
33 2,2-Dichloropropane	0.35111	0.32215	0.32215	0.010	8.24896	50.00000	Averaged
34 Bromochloromethane	0.15337	0.15394	0.15394	0.010	-0.36853	50.00000	Averaged
35 Chloroform	0.49816	0.50249	0.50249	0.010	-0.86940	20.00000	Averaged
36 Tetrahydrofuran	0.09338	0.08188	0.08188	0.010	12.31458	50.00000	Averaged
37 1,1,1-Trichloroethane	0.43035	0.41538	0.41538	0.010	3.47913	50.00000	Averaged
38 1,1-Dichloropropene	0.38665	0.37149	0.37149	0.010	3.92157	50.00000	Averaged
39 Carbon Tetrachloride	0.38353	0.35909	0.35909	0.010	6.37148	50.00000	Averaged
40 1,2-Dichloroethane	0.48132	0.46942	0.46942	0.010	2.47119	50.00000	Averaged
41 Benzene	1.12379	1.09735	1.09735	0.010	2.35357	50.00000	Averaged
42 Trichloroethene	0.32838	0.32857	0.32857	0.010	-0.05610	50.00000	Averaged
43 1,2-Dichloropropane	0.32035	0.31601	0.31601	0.010	1.35552	20.00000	Averaged
44 1,4-Dioxane	2500	1737	0.00196	0.010	30.52537	0.000e+000	Linear <-
45 Dibromomethane	0.14700	0.14136	0.14136	0.010	3.83946	50.00000	Averaged
46 Bromodichloromethane	0.32396	0.30576	0.30576	0.010	5.62063	50.00000	Averaged
47 2-Chloroethyl vinyl ether	0.14884	0.14531	0.14531	0.010	2.37130	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
Report Date: 02-Jun-2010 14:55

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux15.i Injection Date: 02-JUN-2010 14:03
Lab File ID: UXC9101.D Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 08:17 13:10
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
48 cis-1,3-Dichloropropene	0.38768	0.34114	0.34114	0.010	12.00509	50.00000	Averaged
49 4-Methyl-2-pentanone	0.25473	0.25436	0.25436	0.010	0.14744	50.00000	Averaged
50 Toluene	1.72387	1.64591	1.64591	0.010	4.52247	20.00000	Averaged
51 trans-1,3-Dichloropropene	0.48756	0.39689	0.39689	0.010	18.59608	50.00000	Averaged
52 Ethyl Methacrylate	0.37617	0.30325	0.30325	0.010	19.38521	50.00000	Averaged
53 1,1,2-Trichloroethane	0.30159	0.28062	0.28062	0.010	6.95227	50.00000	Averaged
54 1,3-Dichloropropane	0.53451	0.49158	0.49158	0.010	8.03153	50.00000	Averaged
55 Tetrachloroethene	0.36573	0.35166	0.35166	0.010	3.84638	50.00000	Averaged
56 2-Hexanone	0.22634	0.21592	0.21592	0.010	4.60216	50.00000	Averaged
57 Dibromochloromethane	50.00000	41.77005	0.30628	0.010	16.45990	0.000e+000	Wt Linear
58 1,2-Dibromoethane	0.29655	0.27876	0.27876	0.010	5.99790	50.00000	Averaged
59 Chlorobenzene	1.15114	1.12251	1.12251	0.300	2.48743	50.00000	Averaged
60 1,1,1,2-Tetrachloroethane	0.40738	0.39718	0.39718	0.010	2.50445	50.00000	Averaged
61 Ethylbenzene	0.61952	0.60354	0.60354	0.010	2.57940	20.00000	Averaged
62 m + p-Xylene	0.76465	0.77489	0.77489	0.010	-1.33995	50.00000	Averaged
M 63 Xylenes (total)	0.75904	0.76171	0.76171	0.010	-0.35142	50.00000	Averaged
64 Xylene-o	0.74783	0.73534	0.73534	0.010	1.67009	50.00000	Averaged
65 Styrene	1.14090	1.09104	1.09104	0.010	4.37093	50.00000	Averaged
66 Bromoform	50.00000	40.36207	0.15335	0.100	19.27586	0.000e+000	Wt Linear
67 Isopropylbenzene	1.91480	1.88546	1.88546	0.010	1.53246	50.00000	Averaged
68 1,1,2,2-Tetrachloroethane	0.64316	0.56913	0.56913	0.300	11.51094	50.00000	Averaged
69 1,4-Dichloro-2-butene	50.00000	34.24720	0.17549	0.010	31.50560	0.000e+000	Wt Linear
70 1,2,3-Trichloropropane	0.20870	0.18526	0.18526	0.010	11.23056	50.00000	Averaged
71 Bromobenzene	0.92876	0.81541	0.81541	0.010	12.20418	50.00000	Averaged
72 n-Propylbenzene	1.05244	0.93734	0.93734	0.010	10.93625	50.00000	Averaged
73 2-Chlorotoluene	0.90805	0.83220	0.83220	0.010	8.35338	50.00000	Averaged
74 1,3,5-Trimethylbenzene	3.07783	2.73821	2.73821	0.010	11.03420	50.00000	Averaged
75 4-Chlorotoluene	0.91697	0.82601	0.82601	0.010	9.91912	50.00000	Averaged
76 tert-Butylbenzene	2.84113	2.65359	2.65359	0.010	6.60077	50.00000	Averaged
77 1,2,4-Trimethylbenzene	3.08393	2.84392	2.84392	0.010	7.78285	50.00000	Averaged
78 sec-Butylbenzene	3.68575	3.31931	3.31931	0.010	9.94193	50.00000	Averaged
79 4-Isopropyltoluene	3.36145	3.10752	3.10752	0.010	7.55414	50.00000	Averaged
80 1,3-Dichlorobenzene	1.77463	1.67024	1.67024	0.010	5.88253	50.00000	Averaged
81 1,4-Dichlorobenzene	1.80020	1.72878	1.72878	0.010	3.96751	50.00000	Averaged
82 n-Butylbenzene	2.59202	2.38664	2.38664	0.010	7.92367	50.00000	Averaged
83 1,2-Dichlorobenzene	1.68601	1.66964	1.66964	0.010	0.97095	50.00000	Averaged
84 1,2-Dibromo-3-chloropropane	50.00000	37.63712	0.10064	0.010	24.72577	0.000e+000	Wt Linear
85 1,2,4-Trichlorobenzene	1.27006	1.16537	1.16537	0.010	8.24265	50.00000	Averaged
86 Hexachlorobutadiene	0.48376	0.44854	0.44854	0.010	7.28050	50.00000	Averaged
87 Naphthalene	2.88478	2.39994	2.39994	0.010	16.80675	50.00000	Averaged
88 1,2,3-Trichlorobenzene	1.19993	1.04609	1.04609	0.010	12.82033	50.00000	Averaged
98 Cyclohexane	0.73293	0.72026	0.72026	0.010	1.72932	50.00000	Averaged
143 Methyl Acetate	0.24615	0.26297	0.26297	0.010	-6.83321	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
Report Date: 02-Jun-2010 14:55

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux15.i Injection Date: 02-JUN-2010 14:03
Lab File ID: UXC9101.D Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 08:17 13:10
Lab Sample ID: 50NG-CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
144 Methylcyclohexane	0.48250	0.49312	0.49312	0.010	-2.20132	50.00000	Averaged
141 1,3,5-Trichlorobenzene	1.28793	1.25907	1.25907	0.010	2.24135	50.00000	Averaged
152 Vinyl Acetate-86	0.03579	0.03423	0.03423	0.010	4.36237	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
Report Date: 02-Jun-2010 14:55

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
Lab Smp Id: 50NG-CC
Inj Date : 02-JUN-2010 14:03
Operator : 1904 Inst ID: a3ux15.i
Smp Info : 50NG-CC
Misc Info : C00602A,8260LLUX15,2-8260.SUB,1904,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 2-8260.SUB
Target Version: 4.14
Processing Host: CANPMSV24

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	758824	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	528668	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	304645	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	202883	50.0000	48.910
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	252361	50.0000	45.682
$ 6 Toluene-d8	98	8.190	8.190	(0.868)	755826	50.0000	46.740
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	262143	50.0000	46.239
8 Dichlorodifluoromethane	85	1.396	1.396	(0.208)	164483	50.0000	50.858
9 Chloromethane	50	1.550	1.550	(0.231)	356218	50.0000	52.356
10 Vinyl Chloride	62	1.668	1.668	(0.248)	266777	50.0000	53.351
11 Bromomethane	94	2.000	2.000	(0.298)	59788	50.0000	48.710
12 Chloroethane	64	2.107	2.107	(0.314)	115819	50.0000	45.051
13 Trichlorofluoromethane	101	2.380	2.380	(0.354)	225202	50.0000	56.976
15 Acrolein	56	2.878	2.878	(0.428)	297298	500.000	489.79
16 Acetone	43	3.079	3.079	(0.458)	164526	100.000	114.30
17 1,1-Dichloroethene	96	2.996	2.996	(0.446)	166754	50.0000	47.209
18 Freon-113	151	3.044	3.044	(0.453)	141652	50.0000	52.731
19 Iodomethane	142	3.174	3.174	(0.472)	357234	50.0000	49.933
20 Carbon Disulfide	76	3.245	3.245	(0.483)	515787	50.0000	49.486

21 Methylene Chloride	84	3.684	3.684 (0.548)	219803	50.0000	50.232
22 Acetonitrile	41	3.471	3.471 (0.517)	325805	500.000	712.46
23 Acrylonitrile	53	4.087	4.087 (0.608)	195067	100.000	115.21

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
Report Date: 02-Jun-2010 14:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
24 Methyl tert-butyl ether	73	4.135	4.135	(0.615)	509950	50.0000	61.030
25 trans-1,2-Dichloroethene	96	4.111	4.111	(0.612)	215393	50.0000	49.374
26 Hexane	86	4.550	4.550	(0.677)	41648	50.0000	46.501
27 Vinyl acetate	43	4.858	4.858	(0.723)	435304	50.0000	50.858
28 1,1-Dichloroethane	63	4.728	4.728	(0.704)	447048	50.0000	48.508
29 tert-Butyl Alcohol	59	3.945	3.945	(0.587)	285643	1000.00	1010.4
30 2-Butanone	43	5.522	5.522	(0.822)	190124	100.000	110.80
32 cis-1,2-dichloroethene	96	5.475	5.475	(0.815)	230870	50.0000	47.486
33 2,2-Dichloropropane	77	5.463	5.463	(0.813)	244452	50.0000	45.876
34 Bromochloromethane	128	5.748	5.748	(0.855)	116813	50.0000	50.184
35 Chloroform	83	5.866	5.866	(0.873)	381299	50.0000	50.435
36 Tetrahydrofuran	42	5.807	5.807	(0.864)	62132	50.0000	43.843
37 1,1,1-Trichloroethane	97	6.032	6.032	(0.898)	315197	50.0000	48.260
38 1,1-Dichloropropene	75	6.222	6.222	(0.926)	281896	50.0000	48.039
39 Carbon Tetrachloride	117	6.210	6.210	(0.924)	272486	50.0000	46.814
40 1,2-Dichloroethane	62	6.459	6.459	(0.961)	356208	50.0000	48.764
41 Benzene	78	6.435	6.435	(0.958)	832692	50.0000	48.823
42 Trichloroethene	130	7.076	7.076	(1.053)	249325	50.0000	50.028
43 1,2-Dichloropropane	63	7.289	7.289	(1.085)	239797	50.0000	49.322
44 1,4-Dioxane	88	7.432	7.432	(1.106)	74378	2500.00	1736.9
45 Dibromomethane	93	7.396	7.396	(1.101)	107264	50.0000	48.080
46 Bromodichloromethane	83	7.550	7.550	(1.123)	232015	50.0000	47.190
47 2-Chloroethyl vinyl ether	63	7.835	7.835	(1.166)	220530	100.000	97.629
48 cis-1,3-Dichloropropene	75	7.953	7.953	(1.184)	258867	50.0000	43.997
49 4-Methyl-2-pentanone	43	8.096	8.096	(1.205)	386023	100.000	99.852
50 Toluene	91	8.250	8.250	(0.874)	870138	50.0000	47.739
51 trans-1,3-Dichloropropene	75	8.451	8.451	(0.896)	209823	50.0000	40.702
52 Ethyl Methacrylate	69	8.534	8.534	(0.904)	160316	50.0000	40.307
53 1,1,2-Trichloroethane	97	8.606	8.606	(0.912)	148354	50.0000	46.524
54 1,3-Dichloropropane	76	8.748	8.748	(0.927)	259882	50.0000	45.984
55 Tetrachloroethene	164	8.724	8.724	(0.925)	185911	50.0000	48.077
56 2-Hexanone	43	8.819	8.819	(0.935)	228300	100.000	95.398
57 Dibromochloromethane	129	8.949	8.949	(0.948)	161918	50.0000	41.770
58 1,2-Dibromoethane	107	9.044	9.044	(0.959)	147374	50.0000	47.001
59 Chlorobenzene	112	9.459	9.459	(1.002)	593433	50.0000	48.756
60 1,1,1,2-Tetrachloroethane	131	9.530	9.530	(1.010)	209976	50.0000	48.748
61 Ethylbenzene	106	9.554	9.554	(1.013)	319072	50.0000	48.710
62 m + p-Xylene	106	9.649	9.649	(1.023)	819321	100.000	101.34
64 Xylene-o	106	9.981	9.981	(1.058)	388751	50.0000	49.165
65 Styrene	104	9.993	9.993	(1.059)	576796	50.0000	47.814
66 Bromoform	173	10.159	10.159	(1.077)	81073	50.0000	40.362
67 Isopropylbenzene	105	10.301	10.301	(1.092)	996781	50.0000	49.234
68 1,1,2,2-Tetrachloroethane	83	10.550	10.550	(0.925)	173382	50.0000	44.244
69 1,4-Dichloro-2-butene	53	10.586	10.586	(0.928)	53461	50.0000	34.247
70 1,2,3-Trichloropropane	110	10.586	10.586	(0.928)	56439	50.0000	44.385
71 Bromobenzene	156	10.562	10.562	(0.926)	248411	50.0000	43.898
72 n-Propylbenzene	120	10.645	10.645	(0.933)	285556	50.0000	44.532
73 2-Chlorotoluene	126	10.716	10.716	(0.940)	253525	50.0000	45.823
74 1,3,5-Trimethylbenzene	105	10.787	10.787	(0.946)	834183	50.0000	44.483
75 4-Chlorotoluene	126	10.811	10.811	(0.948)	251640	50.0000	45.040
76 tert-Butylbenzene	119	11.072	11.072	(0.971)	808403	50.0000	46.700
77 1,2,4-Trimethylbenzene	105	11.108	11.108	(0.974)	866385	50.0000	46.108

78 sec-Butylbenzene	105	11.250	11.250 (0.986)	1011212	50.0000	45.029
79 4-Isopropyltoluene	119	11.369	11.369 (0.997)	946690	50.0000	46.223

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
Report Date: 02-Jun-2010 14:55

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
80 1,3-Dichlorobenzene	146	11.345	11.345	(0.995)	508829	50.0000	47.059
81 1,4-Dichlorobenzene	146	11.416	11.416	(1.001)	526664	50.0000	48.016
82 n-Butylbenzene	91	11.712	11.712	(1.027)	727077	50.0000	46.038
83 1,2-Dichlorobenzene	146	11.736	11.736	(1.029)	508648	50.0000	49.514
84 1,2-Dibromo-3-chloropropane	157	12.388	12.388	(1.086)	30659	50.0000	37.637
85 1,2,4-Trichlorobenzene	180	13.076	13.076	(1.147)	355025	50.0000	45.879
86 Hexachlorobutadiene	225	13.218	13.218	(1.159)	136645	50.0000	46.360
87 Naphthalene	128	13.278	13.278	(1.164)	731131	50.0000	41.597
88 1,2,3-Trichlorobenzene	180	13.468	13.468	(1.181)	318687	50.0000	43.590
98 Cyclohexane	56	6.092	6.092	(0.906)	546549	50.0000	49.135
143 Methyl Acetate	43	3.554	3.554	(0.529)	399090	100.000	106.83
144 Methylcyclohexane	83	7.254	7.254	(1.079)	374192	50.0000	51.101
141 1,3,5-Trichlorobenzene	180	12.566	12.566	(1.102)	383568	50.0000	48.879
152 Vinyl Acetate-86	86	4.858	4.858	(0.723)	25972	50.0000	47.819

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
Report Date: 02-Jun-2010 14:55

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

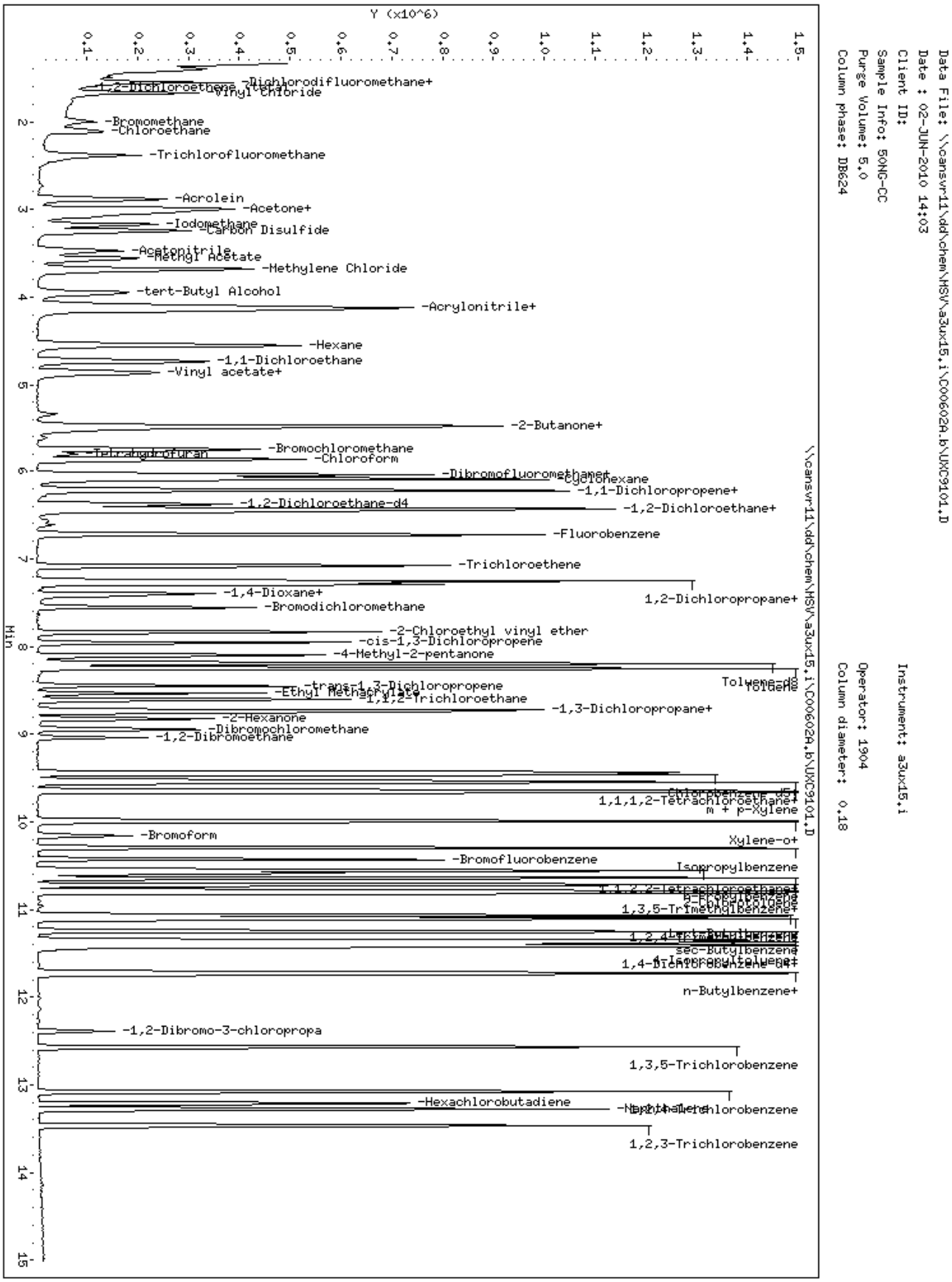
Instrument ID: a3ux15.i
Lab File ID: UXC9101.D
Lab Smp Id: 50NG-CC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,2-8260.SUB,1904,2

Calibration Date: 02-JUN-2010
Calibration Time: 14:28
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	752854	376427	1505708	758824	0.79
2 Chlorobenzene-d5	493046	246523	986092	528668	7.22
3 1,4-Dichlorobenze	272326	136163	544652	304645	11.87

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	-0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	-0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
Date : 02-JUN-2010 14:03
Client ID:
Sample Info: 50NG-CC
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
\\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9101.D
-Dichlorodifluoromethane+
-1,2-Dichloroethene (total)
Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Acrolein
-Acetone+
-Iodomethane
-Carbon Disulfide
-Acetonitrile
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-1,1-Dichloroethane
-Vinyl acetate+
-2-Butanone+
-Bromochloromethane
-Tetrahydrofuran
-Chloroform
-Dibromofluoromethane+
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
-1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,4-Dioxane+
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-Ethyl Methacrylate
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5+
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
-Bromofluorobenzene
Isopropylbenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
1,2,4-Trimethylbenzene
sec-Butylbenzene
4-Isopropyltoluene+
1,4-Dichlorobenzene-d4
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
1,3,5-Trichlorobenzene
-Hexachlorobutadiene
-Naphthalene
1,2,4-Trichlorobenzene
1,2,3-Trichlorobenzene

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9102.D
Report Date: 02-Jun-2010 14:49

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: a3ux15.i Injection Date: 02-JUN-2010 14:28
Lab File ID: UXC9102.D Init. Cal. Date(s): 17-MAY-2010 17-MAY-2010
Analysis Type: WATER Init. Cal. Times: 08:17 13:10
Lab Sample ID: 50NG-A9CC Quant Type: ISTD
Method: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m

COMPOUND	RRF / AMOUNT	RF50	CCAL RRF50	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
14 Dichlorofluoromethane	50.00000	57.74315	0.41307	0.010	-15.48630	0.000e+000	Quadratic
89 Ethyl Ether	0.29268	0.30980	0.30980	0.010	-5.85230	50.00000	Averaged
91 3-Chloropropene	0.13511	0.13577	0.13577	0.010	-0.48914	50.00000	Averaged
92 Isopropyl Ether	0.25308	0.26486	0.26486	0.010	-4.65438	50.00000	Averaged
93 2-Chloro-1,3-butadiene	0.63299	0.62644	0.62644	0.010	1.03486	50.00000	Averaged
94 Propionitrile	0.02967	0.03944	0.03944	0.010	-32.94189	50.00000	Averaged
95 Ethyl Acetate	0.25011	0.25058	0.25058	0.010	-0.18864	50.00000	Averaged
96 Methacrylonitrile	0.17640	0.18135	0.18135	0.010	-2.80641	50.00000	Averaged
97 Isobutanol	1000	860	0.01150	0.010	14.01554	0.000e+000	Linear
100 Methyl Methacrylate	0.24264	0.20998	0.20998	0.010	13.46166	50.00000	Averaged
101 2-Nitropropane	0.05861	0.04752	0.04752	0.010	18.92363	50.00000	Averaged
146 2-Methylnaphthalene	1.80047	1.47167	1.47167	0.010	18.26179	50.00000	Averaged
155 tert-Butyl Ethyl Ether	0.88436	1.03869	1.03869	0.010	-17.45078	50.00000	Averaged
156 tert-Amyl Methyl Ether	0.56149	0.63119	0.63119	0.010	-12.41322	50.00000	Averaged
157 1,2,3-Trimethylbezene	2.86073	2.90153	2.90153	0.010	-1.42636	50.00000	Averaged

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9102.D
Report Date: 02-Jun-2010 14:49

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9102.D
Lab Smp Id: 50NG-A9CC
Inj Date : 02-JUN-2010 14:28
Operator : 1904 Inst ID: a3ux15.i
Smp Info : 50NG-A9CC
Misc Info : C00602A,8260LLUX15,3-IX.SUB,1904,2
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:49 Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 3-IX.SUB
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	752854	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	493046	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	272326	50.0000	
14 Dichlorofluoromethane	67	2.344	2.344	(0.349)	310984	50.0000	57.743
89 Ethyl Ether	59	2.736	2.736	(0.407)	233237	50.0000	52.926
91 3-Chloropropene	76	3.506	3.506	(0.522)	102214	50.0000	50.244
92 Isopropyl Ether	87	4.882	4.882	(0.727)	996997	250.000	261.64
93 2-Chloro-1,3-butadiene	53	4.858	4.858	(0.723)	471618	50.0000	49.482
94 Propionitrile	54	5.582	5.582	(0.831)	59383	100.000	132.94
95 Ethyl Acetate	43	5.617	5.617	(0.836)	377306	100.000	100.19
96 Methacrylonitrile	41	5.760	5.760	(0.857)	136533	50.0000	51.403
97 Isobutanol	41	6.424	6.424	(0.681)	113419	1000.00	859.84
100 Methyl Methacrylate	41	7.420	7.420	(1.104)	158084	50.0000	43.269
101 2-Nitropropane	41	7.764	7.764	(1.155)	71554	100.000	81.076
146 2-Methylnaphthalene	142	14.144	14.144	(1.240)	801547	100.000	81.738
155 tert-Butyl Ethyl Ether	59	5.345	5.345	(0.795)	781979	50.0000	58.725
156 tert-Amyl Methyl Ether	73	6.578	6.578	(0.979)	475193	50.0000	56.207
157 1,2,3-Trimethylbezene	105	11.463	11.463	(1.005)	790162	50.0000	50.713

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9102.D
Report Date: 02-Jun-2010 14:49

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

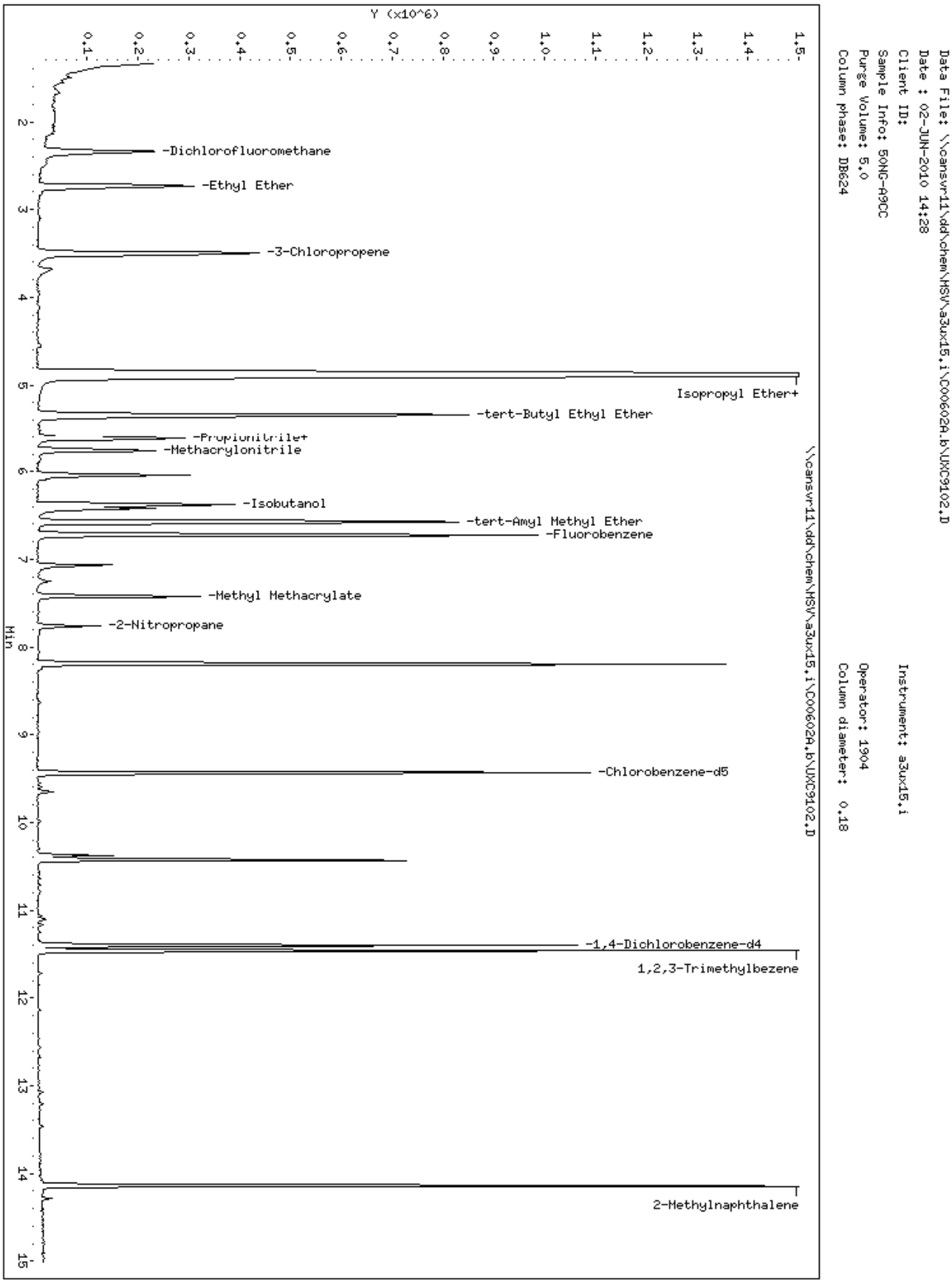
Instrument ID: a3ux15.i
Lab File ID: UXC9102.D
Lab Smp Id: 50NG-A9CC
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,3-IX.SUB,1904,2

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	752854	-0.79
2 Chlorobenzene-d5	528668	264334	1057336	493046	-6.74
3 1,4-Dichlorobenze	304645	152323	609290	272326	-10.61

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9102.D
Date : 02-JUN-2010 14:28
Client ID:
Sample Info: 50NG-A90C
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18
\\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9102.D
Y (x10^6)
Min
-Dichlorofluoromethane
-Ethyl Ether
-3-Chloropropene
Isopropyl Ether+
-tert-Butyl Ethyl Ether
-Propionitrile+
-Methacrylonitrile
-Isobutanol
-tert-Amyl Methyl Ether
-Fluorobenzene
-Methyl Methacrylate
-2-Nitropropane
-Chlorobenzene-d5
-1,4-Dichlorobenzene-d4
1,2,3-Trimethylbezene
2-Methylnaphthalene

RAW QC DATA

TestAmerica North Canton

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\BFB407.D
Lab Smp Id: 50NG INJECTION OF B Client Smp ID: 50NG BFB
Inj Date : 17-MAY-2010 07:31
Operator : 2807 Inst ID: a3ux15.i
Smp Info : 50NG INJECTION OF BFB
Misc Info : C00517A-IC,BFBUX15,,2807
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\BFBUX15.m
Meth Date : 15-Dec-2009 09:18 evansl Quant Type: ESTD
Cal Date : 01-MAR-2000 19:29 Cal File: uxx0287.d
Als bottle: 6 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CANSVR11

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	1.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.970	3.610	0.360	95	1028992			100.00- 100.00	100.00
3.970	3.610	0.360	50	264640			15.00- 40.00	25.72
3.970	3.610	0.360	75	485568			30.00- 60.00	47.19
3.970	3.610	0.360	96	63136			5.00- 9.00	6.14
3.970	3.610	0.360	173	7013			0.00- 2.00	0.84
3.970	3.610	0.360	174	836416			50.00- 100.00	81.28
3.970	3.610	0.360	175	58224			5.00- 9.00	6.96
3.970	3.610	0.360	176	815552			95.00- 101.00	97.51
3.970	3.610	0.360	177	52272			5.00- 9.00	6.41

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\BFB407.D

Page 1

Date : 17-MAY-2010 07:31

Client ID: 50NG BFB

Instrument: a3ux15.i

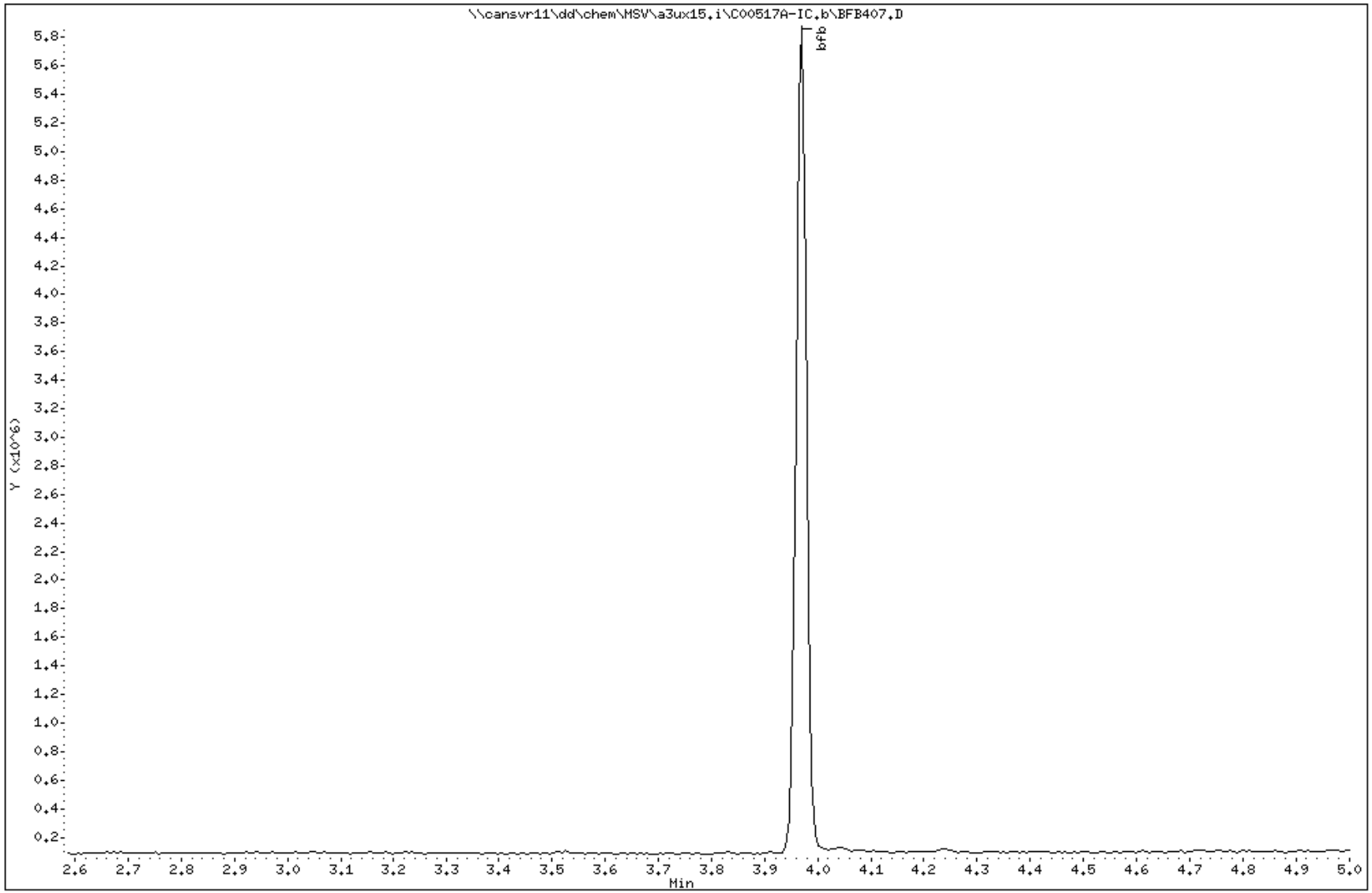
Sample Info: 50NG INJECTION OF BFB

Volume Injected (uL): 1.0

Operator: 2807

Column phase: DB624 20M

Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\BFB407.D

Date : 17-MAY-2010 07:31

Client ID: 50NG BFB

Instrument: a3ux15.i

Sample Info: 50NG INJECTION OF BFB

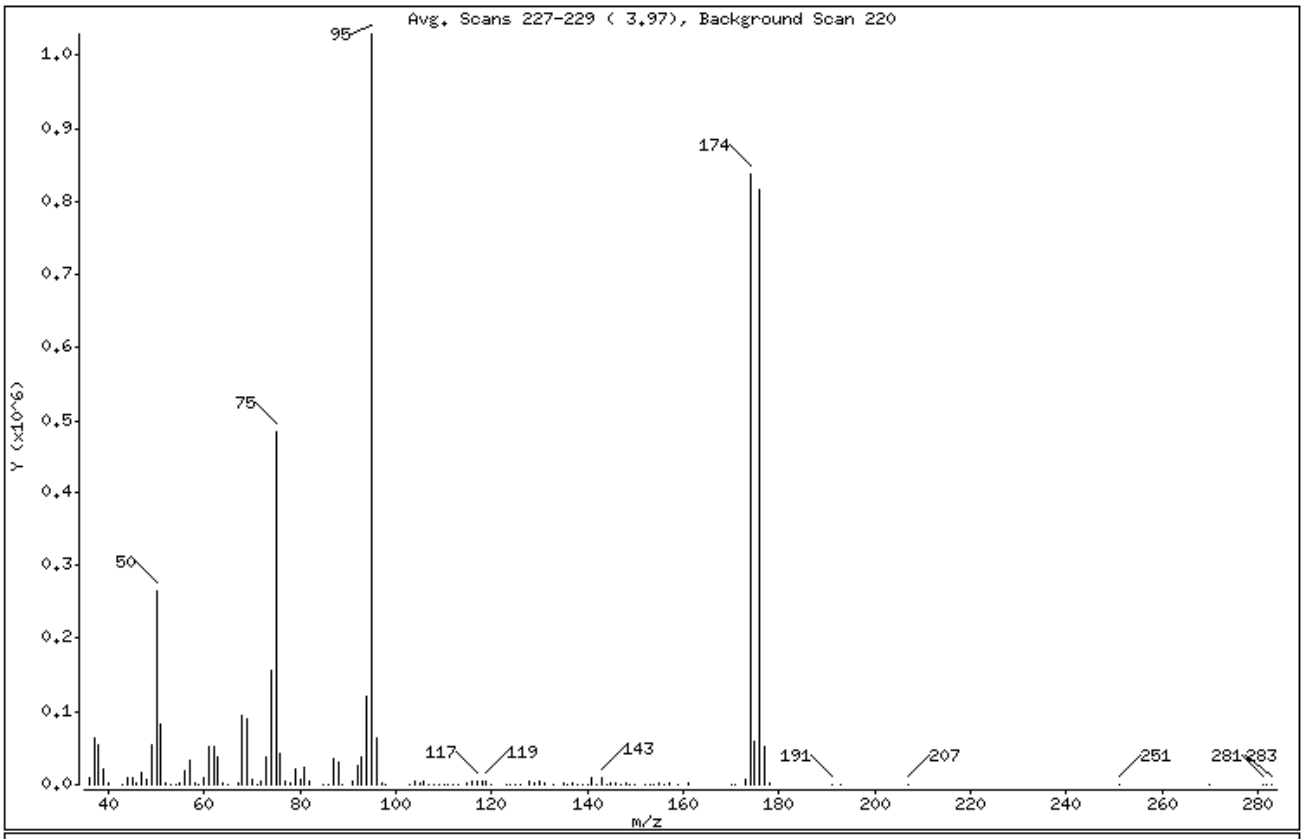
Volume Injected (uL): 1.0

Operator: 2807

Column phase: DB624 20M

Column diameter: 0.18

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	25.72
75	30.00 - 60.00% of mass 95	47.19
96	5.00 - 9.00% of mass 95	6.14
173	Less than 2.00% of mass 174	0.68 (0.84)
174	50.00 - 100.00% of mass 95	81.28
175	5.00 - 9.00% of mass 174	5.66 (6.96)
176	95.00 - 101.00% of mass 174	79.26 (97.51)
177	5.00 - 9.00% of mass 176	5.08 (6.41)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00517A-IC.b\BFB407.D Page 3

Date : 17-MAY-2010 07:31

Client ID: 50NG BFB Instrument: a3ux15.i

Sample Info: 50NG INJECTION OF BFB

Volume Injected (uL): 1.0 Operator: 2807

Column phase: DB624 20M Column diameter: 0.18

Data File: BFB407.D
Spectrum: Avg. Scans 227-229 (3.97), Background Scan 220
Location of Maximum: 95.00
Number of points: 123

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	10256	70.00	6815	108.00	182	145.00	1197
37.00	63120	71.00	204	109.00	238	146.00	1534
38.00	54848	72.00	4668	110.00	889	147.00	633
39.00	20920	73.00	38720	111.00	1011	148.00	2416
40.00	1315	74.00	155776	112.00	396	149.00	916
43.00	505	75.00	485568	113.00	748	150.00	1111
44.00	8501	76.00	41576	115.00	1484	152.00	504
45.00	10539	77.00	4837	116.00	3742	153.00	727
46.00	1210	78.00	3041	117.00	4955	154.00	868
47.00	15979	79.00	22424	118.00	3808	155.00	2229
48.00	6840	80.00	6780	119.00	4902	156.00	768
49.00	55080	81.00	24688	120.00	243	157.00	1933
50.00	264640	82.00	5769	123.00	581	159.00	822
51.00	82888	85.00	194	124.00	742	161.00	1441
52.00	2620	86.00	956	125.00	631	170.00	170
53.00	189	87.00	34432	126.00	207	171.00	213
54.00	218	88.00	30608	128.00	3795	173.00	7013
55.00	2523	89.00	288	129.00	2040	174.00	836416
56.00	19632	91.00	4141	130.00	3849	175.00	58224
57.00	33920	92.00	25856	131.00	1423	176.00	815552
58.00	1783	93.00	38936	133.00	492	177.00	52272
59.00	765	94.00	120568	135.00	2119	178.00	1255
60.00	9383	95.00	1028992	136.00	214	191.00	170
61.00	51352	96.00	63136	137.00	1857	193.00	49
62.00	50944	97.00	2035	138.00	221	207.00	139
63.00	37808	98.00	201	139.00	362	251.00	189
64.00	2728	103.00	807	140.00	748	270.00	178
65.00	159	104.00	4157	141.00	9964	281.00	1067
67.00	2193	105.00	1535	142.00	1147	282.00	781
68.00	95336	106.00	3962	143.00	10148	283.00	414
69.00	90744	107.00	881	144.00	798		

TestAmerica North Canton

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\BFB426.D
Lab Smp Id: 50ng bfb Client Smp ID: 50NG BFB
Inj Date : 02-JUN-2010 13:37
Operator : 1904 Inst ID: a3ux15.i
Smp Info :
Misc Info : C00602A,BFBUX15,,1904
Comment   :
Method   : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\BFBUX15.m
Meth Date : 15-Dec-2009 09:18 evansl Quant Type: ESTD
Cal Date : 01-MAR-2000 19:29 Cal File: uxx0287.d
Als bottle: 7 QC Sample: BFB
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: CANSVR11

Concentration Formula: Amt * DF * Uf * Vf * Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	1.000	Injection Volume
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	FINAL (ug/L)	TARGET RANGE	RATIO
1 bfb						CAS #: 460-00-4		
3.970	3.610	0.360	95	532160			100.00- 100.00	100.00
3.970	3.610	0.360	50	140032			15.00- 40.00	26.31
3.970	3.610	0.360	75	255424			30.00- 60.00	48.00
3.970	3.610	0.360	96	34920			5.00- 9.00	6.56
3.970	3.610	0.360	173	3645			0.00- 2.00	0.81
3.970	3.610	0.360	174	452608			50.00- 100.00	85.05
3.970	3.610	0.360	175	31384			5.00- 9.00	6.93
3.970	3.610	0.360	176	437824			95.00- 101.00	96.73
3.970	3.610	0.360	177	27584			5.00- 9.00	6.30

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\BFB426.D

Page 1

Date : 02-JUN-2010 13:37

Client ID: 50NG BFB

Instrument: a3ux15.i

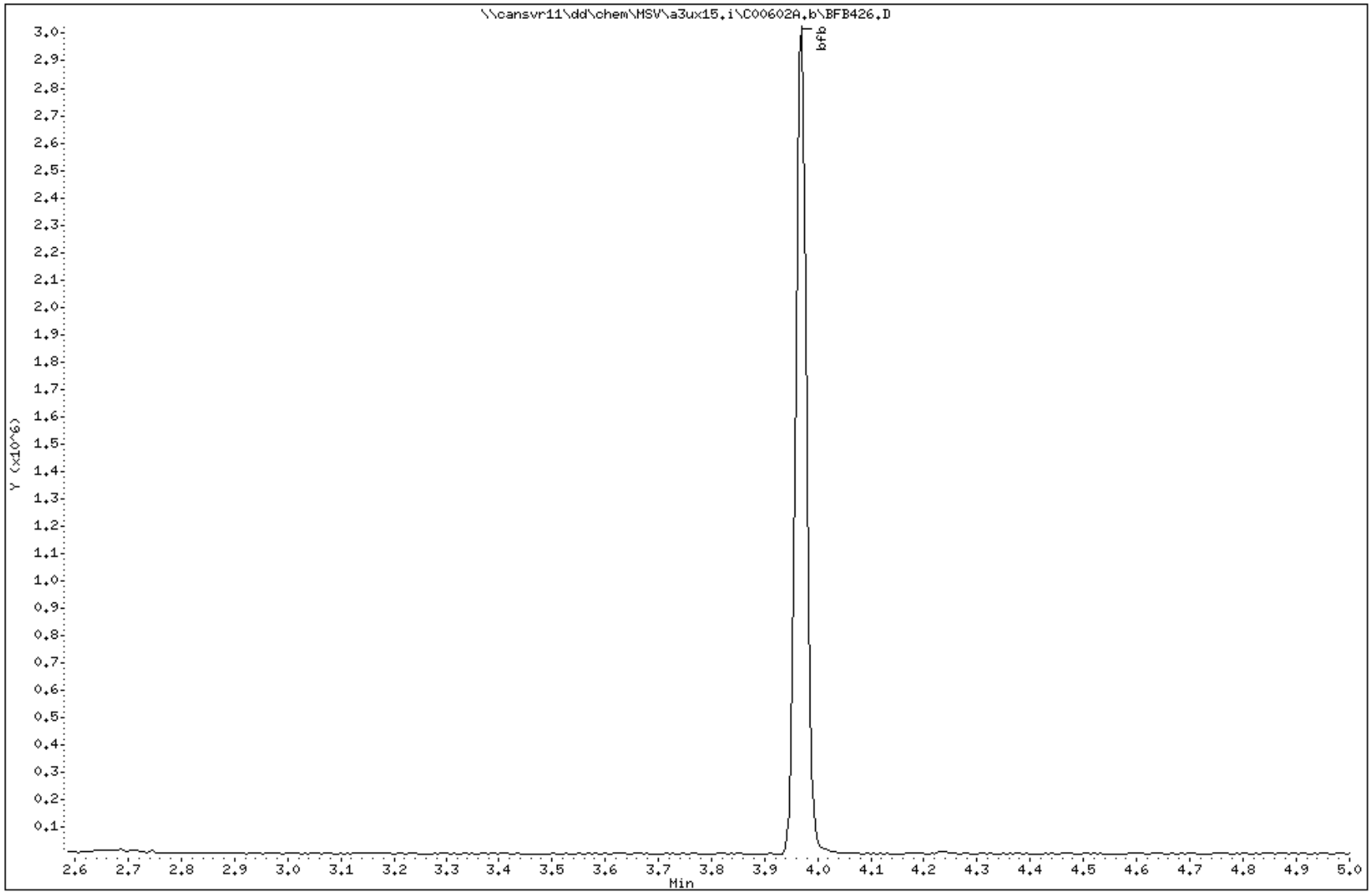
Sample Info:

Volume Injected (uL): 1.0

Operator: 1904

Column phase: DB624 20M

Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\BFB426.D Page 2

Date : 02-JUN-2010 13:37

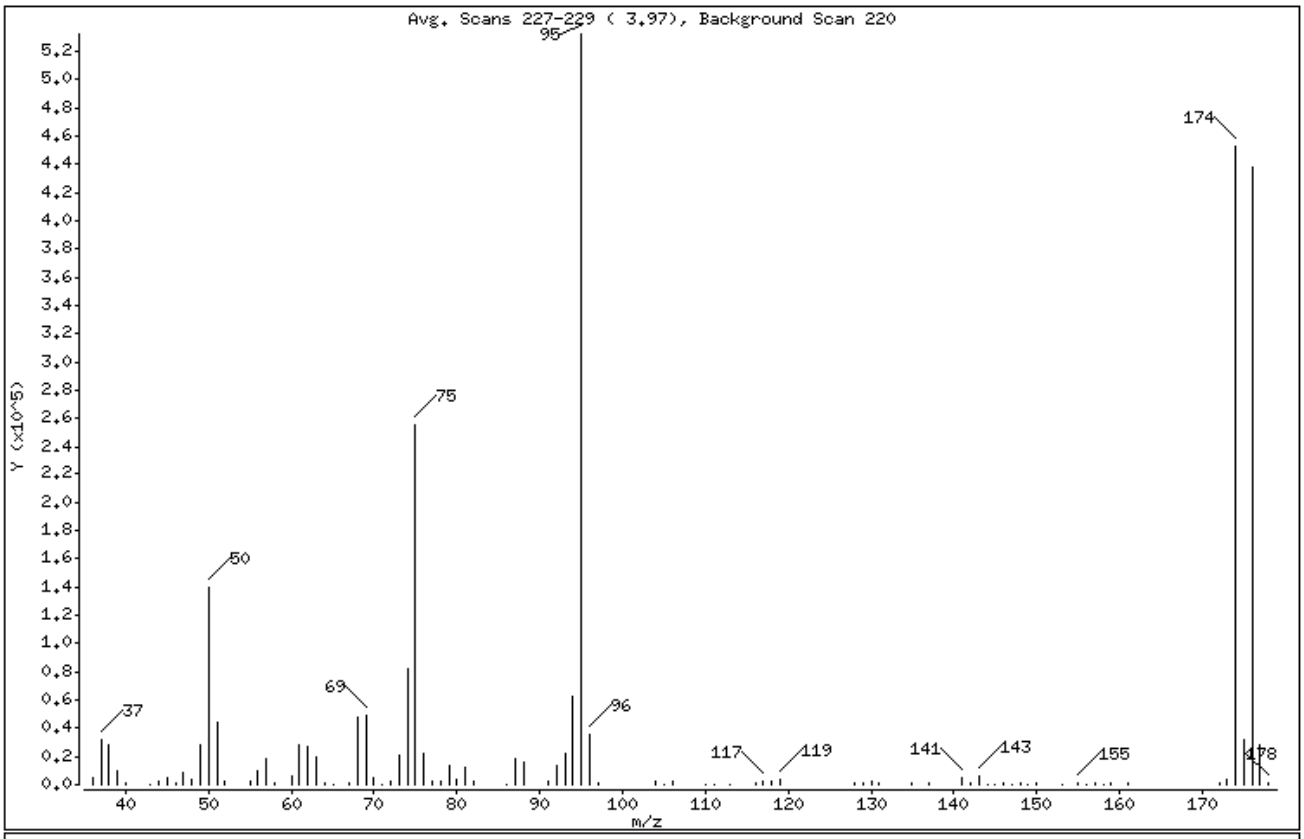
Client ID: 50NG BFB Instrument: a3ux15.i

Sample Info:

Volume Injected (uL): 1.0 Operator: 1904

Column phase: DB624 20M Column diameter: 0.18

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	26.31
75	30.00 - 60.00% of mass 95	48.00
96	5.00 - 9.00% of mass 95	6.56
173	Less than 2.00% of mass 174	0.68 (0.81)
174	50.00 - 100.00% of mass 95	85.05
175	5.00 - 9.00% of mass 174	5.90 (6.93)
176	95.00 - 101.00% of mass 174	82.27 (96.73)
177	5.00 - 9.00% of mass 176	5.18 (6.30)

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\BFB426.D Page 3

Date : 02-JUN-2010 13:37

Client ID: 50NG BFB Instrument: a3ux15.i

Sample Info:

Volume Injected (uL): 1.0 Operator: 1904

Column phase: DB624 20M Column diameter: 0.18

Data File: BFB426.D
Spectrum: Avg. Scans 227-229 (3.97), Background Scan 220
Location of Maximum: 95.00
Number of points: 91

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	5358	64.00	1716	93.00	21712	143.00	5736
37.00	31472	65.00	440	94.00	62616	144.00	393
38.00	28168	67.00	1388	95.00	532160	145.00	465
39.00	10270	68.00	47248	96.00	34920	146.00	1049
40.00	1188	69.00	48456	97.00	1477	147.00	207
43.00	245	70.00	4617	104.00	2316	148.00	1143
44.00	2775	71.00	173	105.00	373	149.00	171
45.00	4915	72.00	2458	106.00	1990	150.00	727
46.00	624	73.00	21384	110.00	200	153.00	223
47.00	8666	74.00	82152	111.00	431	155.00	1281
48.00	3718	75.00	255424	113.00	370	156.00	179
49.00	28560	76.00	21496	116.00	1778	157.00	850
50.00	140032	77.00	2528	117.00	2601	158.00	201
51.00	43472	78.00	2063	118.00	2320	159.00	653
52.00	1925	79.00	12913	119.00	3151	161.00	716
55.00	1989	80.00	3788	128.00	1796	172.00	715
56.00	9292	81.00	12773	129.00	1124	173.00	3645
57.00	18184	82.00	2753	130.00	2204	174.00	452608
58.00	731	86.00	171	131.00	842	175.00	31384
60.00	6568	87.00	18064	135.00	888	176.00	437824
61.00	28040	88.00	16267	137.00	1151	177.00	27584
62.00	26472	91.00	2006	141.00	5423	178.00	723
63.00	20112	92.00	13723	142.00	897		

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(80 - 116)**			**SW846 8260B**
	93	**(80 - 116)**	**3.8**	**(0-20)**	**SW846 8260B**
Acetone	91	(22 - 200)			SW846 8260B
	96	(22 - 200)	4.6	(0-95)	SW846 8260B
Bromobenzene	84	(70 - 130)			SW846 8260B
	81	(70 - 130)	3.5	(0-30)	SW846 8260B
Carbon disulfide	104	(73 - 139)			SW846 8260B
	103	(73 - 139)	0.42	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	99	(82 - 116)			SW846 8260B
	94	(82 - 116)	5.6	(0-30)	SW846 8260B
Bromochloromethane	100	(70 - 130)			SW846 8260B
	93	(70 - 130)	7.0	(0-30)	SW846 8260B
2-Butanone	98	(28 - 237)			SW846 8260B
	97	(28 - 237)	1.2	(0-65)	SW846 8260B
Bromodichloromethane	90	(87 - 130)			SW846 8260B
	88	(87 - 130)	2.5	(0-30)	SW846 8260B
Bromoform	69 a	(76 - 150)			SW846 8260B
	70 a	(76 - 150)	1.3	(0-30)	SW846 8260B
Bromomethane	94	(64 - 129)			SW846 8260B
	85	(64 - 129)	11	(0-30)	SW846 8260B
n-Butylbenzene	91	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.9	(0-30)	SW846 8260B
4-Methyl-2-pentanone	86	(78 - 141)			SW846 8260B
	86	(78 - 141)	0.91	(0-32)	SW846 8260B
2-Hexanone	84	(35 - 200)			SW846 8260B
	86	(35 - 200)	3.3	(0-52)	SW846 8260B
sec-Butylbenzene	86	(70 - 130)			SW846 8260B
	86	(70 - 130)	0.87	(0-30)	SW846 8260B
tert-Butylbenzene	90	(70 - 130)			SW846 8260B
	87	(70 - 130)	3.5	(0-30)	SW846 8260B
Xylenes (total)	95	(87 - 116)			SW846 8260B
	94	(87 - 116)	1.1	(0-30)	SW846 8260B
Carbon tetrachloride	92	(75 - 149)			SW846 8260B
	92	(75 - 149)	0.87	(0-30)	SW846 8260B
Chlorobenzene	**95**	**(76 - 117)**			**SW846 8260B**
	92	**(76 - 117)**	**3.3**	**(0-20)**	**SW846 8260B**

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromochloromethane	77 a	(81 - 138)			SW846 8260B
	76 a	(81 - 138)	1.9	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	117	(70 - 130)			SW846 8260B
	133 a	(70 - 130)	13	(0-30)	SW846 8260B
Methyl acetate	93	(70 - 130)			SW846 8260B
	93	(70 - 130)	0.23	(0-30)	SW846 8260B
Chloroethane	88	(66 - 126)			SW846 8260B
	78	(66 - 126)	12	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	116	(70 - 130)			SW846 8260B
	112	(70 - 130)	3.0	(0-30)	SW846 8260B
Cyclohexane	84	(70 - 130)			SW846 8260B
	92	(70 - 130)	9.0	(0-30)	SW846 8260B
Methylcyclohexane	89	(70 - 130)			SW846 8260B
	103	(70 - 130)	14	(0-30)	SW846 8260B
Chloroform	97	(84 - 128)			SW846 8260B
	94	(84 - 128)	3.8	(0-30)	SW846 8260B
Chloromethane	91	(48 - 123)			SW846 8260B
	82	(48 - 123)	9.6	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	74	(70 - 130)			SW846 8260B
	71	(70 - 130)	4.3	(0-30)	SW846 8260B
2-Chlorotoluene	89	(70 - 130)			SW846 8260B
	87	(70 - 130)	1.6	(0-30)	SW846 8260B
Methyl tert-butyl ether	116	(70 - 130)			SW846 8260B
	112	(70 - 130)	3.0	(0-30)	SW846 8260B
n-Hexane	96	(70 - 130)			SW846 8260B
	113	(70 - 130)	16	(0-30)	SW846 8260B
4-Chlorotoluene	89	(70 - 130)			SW846 8260B
	84	(70 - 130)	5.9	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	82	(70 - 130)			SW846 8260B
	81	(70 - 130)	1.4	(0-30)	SW846 8260B
Acetonitrile	129	(50 - 130)			SW846 8260B
	122	(50 - 130)	5.2	(0-30)	SW846 8260B
1,2-Dibromoethane	89	(70 - 130)			SW846 8260B
	88	(70 - 130)	0.55	(0-30)	SW846 8260B
Acrolein	121	(50 - 130)			SW846 8260B
	121	(50 - 130)	0.12	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	103	(70 - 130)			SW846 8260B
	102	(70 - 130)	1.6	(0-30)	SW846 8260B
Acrylonitrile	102	(50 - 130)			SW846 8260B
	102	(50 - 130)	0.0	(0-30)	SW846 8260B
Dibromomethane	96	(70 - 130)			SW846 8260B
	93	(70 - 130)	2.7	(0-30)	SW846 8260B
1,2-Dichlorobenzene	93	(70 - 130)			SW846 8260B
	89	(70 - 130)	4.2	(0-30)	SW846 8260B
1,3-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	88	(70 - 130)	4.2	(0-30)	SW846 8260B
1,4-Dichlorobenzene	93	(70 - 130)			SW846 8260B
	88	(70 - 130)	5.6	(0-30)	SW846 8260B
Iodomethane	109	(70 - 130)			SW846 8260B
	105	(70 - 130)	4.4	(0-30)	SW846 8260B
Isopropyl ether	93	(70 - 130)			SW846 8260B
	87	(70 - 130)	6.3	(0-30)	SW846 8260B
Dichlorodifluoromethane	61 a	(70 - 130)			SW846 8260B
	67 a	(70 - 130)	9.2	(0-30)	SW846 8260B
1,1-Dichloroethane	98	(86 - 123)			SW846 8260B
	94	(86 - 123)	4.1	(0-30)	SW846 8260B
1,2-Dichloroethane	94	(79 - 136)			SW846 8260B
	91	(79 - 136)	2.9	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	96	(85 - 113)			SW846 8260B
	91	(85 - 113)	5.8	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	102	(80 - 120)			SW846 8260B
	97	(80 - 120)	5.4	(0-30)	SW846 8260B
1,1-Dichloroethene	**104**	**(63 - 130)**			**SW846 8260B**
	103	**(63 - 130)**	**0.63**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	96	(82 - 115)			SW846 8260B
	92	(82 - 115)	3.8	(0-30)	SW846 8260B
1,3-Dichloropropane	86	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.6	(0-30)	SW846 8260B
2,2-Dichloropropane	92	(70 - 130)			SW846 8260B
	90	(70 - 130)	2.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	79 a	(84 - 130)			SW846 8260B
	75 a	(84 - 130)	4.9	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	74 a	(84 - 130)			SW846 8260B
	75 a	(84 - 130)	0.87	(0-30)	SW846 8260B
1,1-Dichloropropene	93	(70 - 130)			SW846 8260B
	95	(70 - 130)	2.6	(0-30)	SW846 8260B
Ethylbenzene	92	(86 - 116)			SW846 8260B
	90	(86 - 116)	2.4	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Hexachlorobutadiene	90	(70 - 130)			SW846 8260B
	85	(70 - 130)	5.1	(0-30)	SW846 8260B
Isopropylbenzene	93	(70 - 130)			SW846 8260B
	93	(70 - 130)	0.030	(0-30)	SW846 8260B
p-Isopropyltoluene	92	(70 - 130)			SW846 8260B
	90	(70 - 130)	2.3	(0-30)	SW846 8260B
Methylene chloride	101	(78 - 118)			SW846 8260B
	96	(78 - 118)	4.9	(0-30)	SW846 8260B
Naphthalene	79	(70 - 130)			SW846 8260B
	81	(70 - 130)	1.8	(0-30)	SW846 8260B
n-Propylbenzene	88	(70 - 130)			SW846 8260B
	85	(70 - 130)	3.7	(0-30)	SW846 8260B
Styrene	89	(85 - 117)			SW846 8260B
	88	(85 - 117)	1.7	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	93	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.3	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	83 a	(85 - 118)			SW846 8260B
	82 a	(85 - 118)	1.9	(0-30)	SW846 8260B
Tetrachloroethene	91	(88 - 113)			SW846 8260B
	93	(88 - 113)	1.6	(0-30)	SW846 8260B
Toluene	**92**	**(74 - 119)**			**SW846 8260B**
	90	**(74 - 119)**	**2.2**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	84	(70 - 130)			SW846 8260B
	84	(70 - 130)	0.23	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	90	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.7	(0-30)	SW846 8260B
1,1,1-Trichloroethane	94	(78 - 140)			SW846 8260B
	94	(78 - 140)	0.41	(0-30)	SW846 8260B
1,1,2-Trichloroethane	86	(83 - 122)			SW846 8260B
	91	(83 - 122)	5.2	(0-30)	SW846 8260B
Trichloroethene	**95**	**(75 - 122)**			**SW846 8260B**
	94	**(75 - 122)**	**1.1**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	122	(70 - 130)			SW846 8260B
	126	(70 - 130)	3.5	(0-30)	SW846 8260B
1,2,3-Trichloropropane	91	(70 - 130)			SW846 8260B
	90	(70 - 130)	0.55	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	91	(70 - 130)			SW846 8260B
	87	(70 - 130)	4.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	86	(70 - 130)			SW846 8260B
	84	(70 - 130)	3.1	(0-30)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl chloride	94	(61 - 120)			SW846 8260B
	92	(61 - 120)	1.3	(0-30)	SW846 8260B
m-Xylene & p-Xylene	94	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.81	(0-30)	SW846 8260B
o-Xylene	95	(70 - 130)			SW846 8260B
	93	(70 - 130)	1.6	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
	93	(61 - 128)
Toluene-d8	92	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)
	94	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**3.8**	**SW846 8260B**
Acetone	20	18	ug/L	91		SW846 8260B
	20	19	ug/L	96	4.6	SW846 8260B
Bromobenzene	10	8.4	ug/L	84		SW846 8260B
	10	8.1	ug/L	81	3.5	SW846 8260B
Carbon disulfide	10	10	ug/L	104		SW846 8260B
	10	10	ug/L	103	0.42	SW846 8260B
1,2-Dichloroethene (total)	20	20	ug/L	99		SW846 8260B
	20	19	ug/L	94	5.6	SW846 8260B
Bromochloromethane	10	10	ug/L	100		SW846 8260B
	10	9.3	ug/L	93	7.0	SW846 8260B
2-Butanone	20	20	ug/L	98		SW846 8260B
	20	19	ug/L	97	1.2	SW846 8260B
Bromodichloromethane	10	9.0	ug/L	90		SW846 8260B
	10	8.8	ug/L	88	2.5	SW846 8260B
Bromoform	10	6.9 a	ug/L	69		SW846 8260B
	10	7.0 a	ug/L	70	1.3	SW846 8260B
Bromomethane	10	9.4	ug/L	94		SW846 8260B
	10	8.5	ug/L	85	11	SW846 8260B
n-Butylbenzene	10	9.1	ug/L	91		SW846 8260B
	10	8.8	ug/L	88	2.9	SW846 8260B
4-Methyl-2-pentanone	20	17	ug/L	86		SW846 8260B
	20	17	ug/L	86	0.91	SW846 8260B
2-Hexanone	20	17	ug/L	84		SW846 8260B
	20	17	ug/L	86	3.3	SW846 8260B
sec-Butylbenzene	10	8.6	ug/L	86		SW846 8260B
	10	8.6	ug/L	86	0.87	SW846 8260B
tert-Butylbenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.7	ug/L	87	3.5	SW846 8260B
Xylenes (total)	30	28	ug/L	95		SW846 8260B
	30	28	ug/L	94	1.1	SW846 8260B
Carbon tetrachloride	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.87	SW846 8260B
Chlorobenzene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**9.2**	**ug/L**	**92**	**3.3**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dibromochloromethane	10	7.7 a	ug/L	77		SW846 8260B
	10	7.6 a	ug/L	76	1.9	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	12	ug/L	117		SW846 8260B
	10	13 a	ug/L	133	13	SW846 8260B
Methyl acetate	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.23	SW846 8260B
Chloroethane	10	8.8	ug/L	88		SW846 8260B
	10	7.8	ug/L	78	12	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	12	ug/L	116		SW846 8260B
	10	11	ug/L	112	3.0	SW846 8260B
Cyclohexane	10	8.4	ug/L	84		SW846 8260B
	10	9.2	ug/L	92	9.0	SW846 8260B
Methylcyclohexane	10	8.9	ug/L	89		SW846 8260B
	10	10	ug/L	103	14	SW846 8260B
Chloroform	10	9.7	ug/L	97		SW846 8260B
	10	9.4	ug/L	94	3.8	SW846 8260B
Chloromethane	10	9.1	ug/L	91		SW846 8260B
	10	8.2	ug/L	82	9.6	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	7.4	ug/L	74		SW846 8260B
	10	7.1	ug/L	71	4.3	SW846 8260B
2-Chlorotoluene	10	8.9	ug/L	89		SW846 8260B
	10	8.7	ug/L	87	1.6	SW846 8260B
Methyl tert-butyl ether	10	12	ug/L	116		SW846 8260B
	10	11	ug/L	112	3.0	SW846 8260B
n-Hexane	10	9.6	ug/L	96		SW846 8260B
	10	11	ug/L	113	16	SW846 8260B
4-Chlorotoluene	10	8.9	ug/L	89		SW846 8260B
	10	8.4	ug/L	84	5.9	SW846 8260B
2-Chloroethyl vinyl ether	10	8.2	ug/L	82		SW846 8260B
	10	8.1	ug/L	81	1.4	SW846 8260B
Acetonitrile	30	39	ug/L	129		SW846 8260B
	30	37	ug/L	122	5.2	SW846 8260B
1,2-Dibromoethane	10	8.9	ug/L	89		SW846 8260B
	10	8.8	ug/L	88	0.55	SW846 8260B
Acrolein	30	36	ug/L	121		SW846 8260B
	30	36	ug/L	121	0.12	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl acetate	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	102	1.6	SW846 8260B
Acrylonitrile	30	31	ug/L	102		SW846 8260B
	30	31	ug/L	102	0.0	SW846 8260B
Dibromomethane	10	9.6	ug/L	96		SW846 8260B
	10	9.3	ug/L	93	2.7	SW846 8260B
1,2-Dichlorobenzene	10	9.3	ug/L	93		SW846 8260B
	10	8.9	ug/L	89	4.2	SW846 8260B
1,3-Dichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	8.8	ug/L	88	4.2	SW846 8260B
1,4-Dichlorobenzene	10	9.3	ug/L	93		SW846 8260B
	10	8.8	ug/L	88	5.6	SW846 8260B
Iodomethane	10	11	ug/L	109		SW846 8260B
	10	10	ug/L	105	4.4	SW846 8260B
Isopropyl ether	10	9.3	ug/L	93		SW846 8260B
	10	8.7	ug/L	87	6.3	SW846 8260B
Dichlorodifluoromethane	10	6.1 a	ug/L	61		SW846 8260B
	10	6.7 a	ug/L	67	9.2	SW846 8260B
1,1-Dichloroethane	10	9.8	ug/L	98		SW846 8260B
	10	9.4	ug/L	94	4.1	SW846 8260B
1,2-Dichloroethane	10	9.4	ug/L	94		SW846 8260B
	10	9.1	ug/L	91	2.9	SW846 8260B
cis-1,2-Dichloroethene	10	9.6	ug/L	96		SW846 8260B
	10	9.1	ug/L	91	5.8	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	102		SW846 8260B
	10	9.7	ug/L	97	5.4	SW846 8260B
1,1-Dichloroethene	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	10	**10**	**ug/L**	**103**	**0.63**	**SW846 8260B**
1,2-Dichloropropane	10	9.6	ug/L	96		SW846 8260B
	10	9.2	ug/L	92	3.8	SW846 8260B
1,3-Dichloropropane	10	8.6	ug/L	86		SW846 8260B
	10	8.8	ug/L	88	2.6	SW846 8260B
2,2-Dichloropropane	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	2.2	SW846 8260B
cis-1,3-Dichloropropene	10	7.9 a	ug/L	79		SW846 8260B
	10	7.5 a	ug/L	75	4.9	SW846 8260B
trans-1,3-Dichloropropene	10	7.4 a	ug/L	74		SW846 8260B
	10	7.5 a	ug/L	75	0.87	SW846 8260B
1,1-Dichloropropene	10	9.3	ug/L	93		SW846 8260B
	10	9.5	ug/L	95	2.6	SW846 8260B
Ethylbenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	2.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Hexachlorobutadiene	10	9.0	ug/L	90		SW846 8260B
	10	8.5	ug/L	85	5.1	SW846 8260B
Isopropylbenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.030	SW846 8260B
p-Isopropyltoluene	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	2.3	SW846 8260B
Methylene chloride	10	10	ug/L	101		SW846 8260B
	10	9.6	ug/L	96	4.9	SW846 8260B
Naphthalene	10	7.9	ug/L	79		SW846 8260B
	10	8.1	ug/L	81	1.8	SW846 8260B
n-Propylbenzene	10	8.8	ug/L	88		SW846 8260B
	10	8.5	ug/L	85	3.7	SW846 8260B
Styrene	10	8.9	ug/L	89		SW846 8260B
	10	8.8	ug/L	88	1.7	SW846 8260B
1,1,1,2-Tetrachloroethane	10	9.3	ug/L	93		SW846 8260B
	10	9.1	ug/L	91	2.3	SW846 8260B
1,1,2,2-Tetrachloroethane	10	8.3 a	ug/L	83		SW846 8260B
	10	8.2 a	ug/L	82	1.9	SW846 8260B
Tetrachloroethene	10	9.1	ug/L	91		SW846 8260B
	10	9.3	ug/L	93	1.6	SW846 8260B
Toluene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**9.0**	**ug/L**	**90**	**2.2**	**SW846 8260B**
1,2,3-Trichlorobenzene	10	8.4	ug/L	84		SW846 8260B
	10	8.4	ug/L	84	0.23	SW846 8260B
1,2,4-Trichloro-benzene	10	9.0	ug/L	90		SW846 8260B
	10	8.8	ug/L	88	2.7	SW846 8260B
1,1,1-Trichloroethane	10	9.4	ug/L	94		SW846 8260B
	10	9.4	ug/L	94	0.41	SW846 8260B
1,1,2-Trichloroethane	10	8.6	ug/L	86		SW846 8260B
	10	9.1	ug/L	91	5.2	SW846 8260B
Trichloroethene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**9.4**	**ug/L**	**94**	**1.1**	**SW846 8260B**
Trichlorofluoromethane	10	12	ug/L	122		SW846 8260B
	10	13	ug/L	126	3.5	SW846 8260B
1,2,3-Trichloropropane	10	9.1	ug/L	91		SW846 8260B
	10	9.0	ug/L	90	0.55	SW846 8260B
1,2,4-Trimethylbenzene	10	9.1	ug/L	91		SW846 8260B
	10	8.7	ug/L	87	4.0	SW846 8260B
1,3,5-Trimethylbenzene	10	8.6	ug/L	86		SW846 8260B
	10	8.4	ug/L	84	3.1	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl chloride	10	9.4	ug/L	94		SW846 8260B
	10	9.2	ug/L	92	1.3	SW846 8260B
m-Xylene & p-Xylene	20	19	ug/L	94		SW846 8260B
	20	19	ug/L	94	0.81	SW846 8260B
o-Xylene	10	9.5	ug/L	95		SW846 8260B
	10	9.3	ug/L	93	1.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
	93	(61 - 128)
Toluene-d8	92	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)
	94	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9103.D
Report Date: 02-Jun-2010 15:13

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9103.D
Lab Smp Id: LCS
Inj Date : 02-JUN-2010 14:53
Operator : 1904 Inst ID: a3ux15.i
Smp Info : LCS
Misc Info : C00602A,8260LLUX15,,1904,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 3 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	757546	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	521291	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	298784	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	198221	47.8669	9.573
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	253606	45.9852	9.197
$ 6 Toluene-d8	98	8.191	8.190	(0.868)	730347	45.8035	9.161
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	255100	45.6338	9.127
8 Dichlorodifluoromethane	85	1.396	1.396	(0.208)	98371	30.4678	6.094
9 Chloromethane	50	1.550	1.550	(0.231)	308449	45.4112	9.082
10 Vinyl Chloride	62	1.668	1.668	(0.248)	233582	46.7912	9.358
11 Bromomethane	94	2.000	2.000	(0.298)	58070	47.2155	9.443
12 Chloroethane	64	2.107	2.107	(0.314)	113274	44.1350	8.827
13 Trichlorofluoromethane	101	2.380	2.380	(0.354)	240766	61.0169	12.203
15 Acrolein	56	2.890	2.878	(0.430)	110403	182.194	36.439
16 Acetone	43	3.091	3.079	(0.460)	134525	91.2901	18.258
17 1,1-Dichloroethene	96	2.996	2.996	(0.446)	182856	51.8549	10.371
18 Freon-113	151	3.044	3.044	(0.453)	157035	58.5563	11.711
19 Iodomethane	142	3.174	3.174	(0.472)	390419	54.6638	10.933
20 Carbon Disulfide	76	3.246	3.245	(0.483)	540362	51.9317	10.386
21 Methylene Chloride	84	3.684	3.684	(0.548)	219619	50.2744	10.055

22 Acetonitrile	41	3.471	3.471 (0.517)	88153	193.097	38.619
23 Acrylonitrile	53	4.087	4.087 (0.608)	259569	153.570	30.714

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9103.D
Report Date: 02-Jun-2010 15:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	4.147	4.135	(0.617)	482052	57.7884	11.558
	25 trans-1,2-Dichloroethene	96	4.111	4.111	(0.612)	222101	50.9972	10.199
	26 Hexane	86	4.550	4.550	(0.677)	43108	48.2121	9.642
	27 Vinyl acetate	43	4.870	4.858	(0.725)	889688	104.122	20.824
	28 1,1-Dichloroethane	63	4.740	4.728	(0.705)	450068	48.9176	9.784
	29 tert-Butyl Alcohol	59	3.957	3.945	(0.589)	281047	994.863	198.97
	30 2-Butanone	43	5.522	5.522	(0.822)	168696	98.4798	19.696
M	31 1,2-Dichloroethene (total)	96				455995	99.1867	19.837
	32 cis-1,2-dichloroethene	96	5.487	5.475	(0.816)	233894	48.1895	9.638
	33 2,2-Dichloropropane	77	5.475	5.463	(0.815)	243709	45.8132	9.163
	34 Bromochloromethane	128	5.748	5.748	(0.855)	116273	50.0365	10.007
	35 Chloroform	83	5.866	5.866	(0.873)	367348	48.6714	9.734
	36 Tetrahydrofuran	42	5.807	5.807	(0.864)	58851	41.5976	8.320
	37 1,1,1-Trichloroethane	97	6.044	6.032	(0.899)	306663	47.0330	9.406
	38 1,1-Dichloropropene	75	6.222	6.222	(0.926)	271345	46.3192	9.264
	39 Carbon Tetrachloride	117	6.210	6.210	(0.924)	268195	46.1548	9.231
	40 1,2-Dichloroethane	62	6.459	6.459	(0.961)	341070	46.7708	9.354
	41 Benzene	78	6.435	6.435	(0.958)	819013	48.1022	9.620
	42 Trichloroethene	130	7.076	7.076	(1.053)	237551	47.7460	9.549
	43 1,2-Dichloropropane	63	7.289	7.289	(1.085)	232194	47.8390	9.568
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	7.396	7.396	(1.101)	106618	47.8713	9.574
	46 Bromodichloromethane	83	7.550	7.550	(1.124)	220353	44.8934	8.979
	47 2-Chloroethyl vinyl ether	63	7.835	7.835	(1.166)	92427	40.9865	8.197
	48 cis-1,3-Dichloropropene	75	7.953	7.953	(1.184)	231860	39.4738	7.895
	49 4-Methyl-2-pentanone	43	8.096	8.096	(1.205)	333448	86.3985	17.280
	50 Toluene	91	8.250	8.250	(0.874)	828464	46.0956	9.219
	51 trans-1,3-Dichloropropene	75	8.451	8.451	(0.896)	188738	37.1300	7.426
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	8.606	8.606	(0.912)	135604	43.1273	8.625
	54 1,3-Dichloropropane	76	8.748	8.748	(0.927)	240280	43.1175	8.623
	55 Tetrachloroethene	164	8.724	8.724	(0.925)	174340	45.7225	9.144
	56 2-Hexanone	43	8.819	8.819	(0.935)	197180	83.5600	16.712
	57 Dibromochloromethane	129	8.949	8.949	(0.948)	146968	38.6337	7.727
	58 1,2-Dibromoethane	107	9.044	9.044	(0.959)	137006	44.3128	8.862
	59 Chlorobenzene	112	9.459	9.459	(1.002)	567685	47.3009	9.460
	60 1,1,1,2-Tetrachloroethane	131	9.531	9.530	(1.010)	197022	46.3877	9.278
	61 Ethylbenzene	106	9.554	9.554	(1.013)	297165	46.0079	9.202
	62 m + p-Xylene	106	9.649	9.649	(1.023)	753219	94.4823	18.896
M	63 Xylenes (total)	106				1122552	141.853	28.370
	64 Xylene-o	106	9.981	9.981	(1.058)	369333	47.3702	9.474
	65 Styrene	104	9.993	9.993	(1.059)	529610	44.5243	8.905
	66 Bromoform	173	10.159	10.159	(1.077)	67269	34.5028	6.900
	67 Isopropylbenzene	105	10.301	10.301	(1.092)	925188	46.3443	9.269
	68 1,1,2,2-Tetrachloroethane	83	10.550	10.550	(0.925)	159753	41.5663	8.313
	69 1,4-Dichloro-2-butene	53	10.586	10.586	(0.928)	84220	52.8095	10.562
	70 1,2,3-Trichloropropane	110	10.586	10.586	(0.928)	56598	45.3829	9.076
	71 Bromobenzene	156	10.562	10.562	(0.926)	233605	42.0913	8.418
	72 n-Propylbenzene	120	10.645	10.645	(0.933)	277687	44.1542	8.831
	73 2-Chlorotoluene	126	10.716	10.716	(0.940)	240830	44.3826	8.876
	74 1,3,5-Trimethylbenzene	105	10.788	10.787	(0.946)	793168	43.1255	8.625
	75 4-Chlorotoluene	126	10.811	10.811	(0.948)	243850	44.5023	8.900

76 tert-Butylbenzene	119	11.060	11.072 (0.970)	767748	45.2211	9.044
77 1,2,4-Trimethylbenzene	105	11.108	11.108 (0.974)	838435	45.4964	9.099

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9103.D
Report Date: 02-Jun-2010 15:13

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	11.250	11.250	(0.986)	952462	43.2449	8.649
79 4-Isopropyltoluene	119	11.369	11.369	(0.997)	923882	45.9942	9.199
80 1,3-Dichlorobenzene	146	11.345	11.345	(0.995)	484031	45.6434	9.129
81 1,4-Dichlorobenzene	146	11.416	11.416	(1.001)	498946	46.3815	9.276
82 n-Butylbenzene	91	11.712	11.712	(1.027)	702323	45.3431	9.069
83 1,2-Dichlorobenzene	146	11.736	11.736	(1.029)	467498	46.4015	9.280
84 1,2-Dibromo-3-chloropropane	157	12.388	12.388	(1.086)	29729	37.2419	7.448
85 1,2,4-Trichlorobenzene	180	13.076	13.076	(1.147)	341584	45.0076	9.002
86 Hexachlorobutadiene	225	13.219	13.218	(1.159)	129733	44.8781	8.976
87 Naphthalene	128	13.278	13.278	(1.164)	681984	39.5616	7.912
88 1,2,3-Trichlorobenzene	180	13.468	13.468	(1.181)	301035	41.9831	8.397
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	2.736	2.736	(0.407)	219544	49.5104	9.902
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	4.882	4.882	(0.727)	177586	46.3142	9.263
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	5.617	5.617	(0.836)	18151	4.78991	0.9580
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	6.424	6.424	(0.681)	279708	2144.48	428.90
100 Methyl Methacrylate	41	7.289	7.420	(1.085)	230700	62.7538	12.551
101 2-Nitropropane	41	7.835	7.764	(1.166)	7132	8.03107	1.606
98 Cyclohexane	56	6.092	6.092	(0.906)	468209	42.1635	8.433
143 Methyl Acetate	43	3.566	3.554	(0.531)	173679	46.5709	9.314
144 Methylcyclohexane	83	7.254	7.254	(1.079)	324562	44.3978	8.880
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	4.858	4.858	(0.723)	28051	51.7337	10.347
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	11.463	11.463	(1.005)	853513	49.9283	9.986

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9103.D
Report Date: 02-Jun-2010 15:13

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

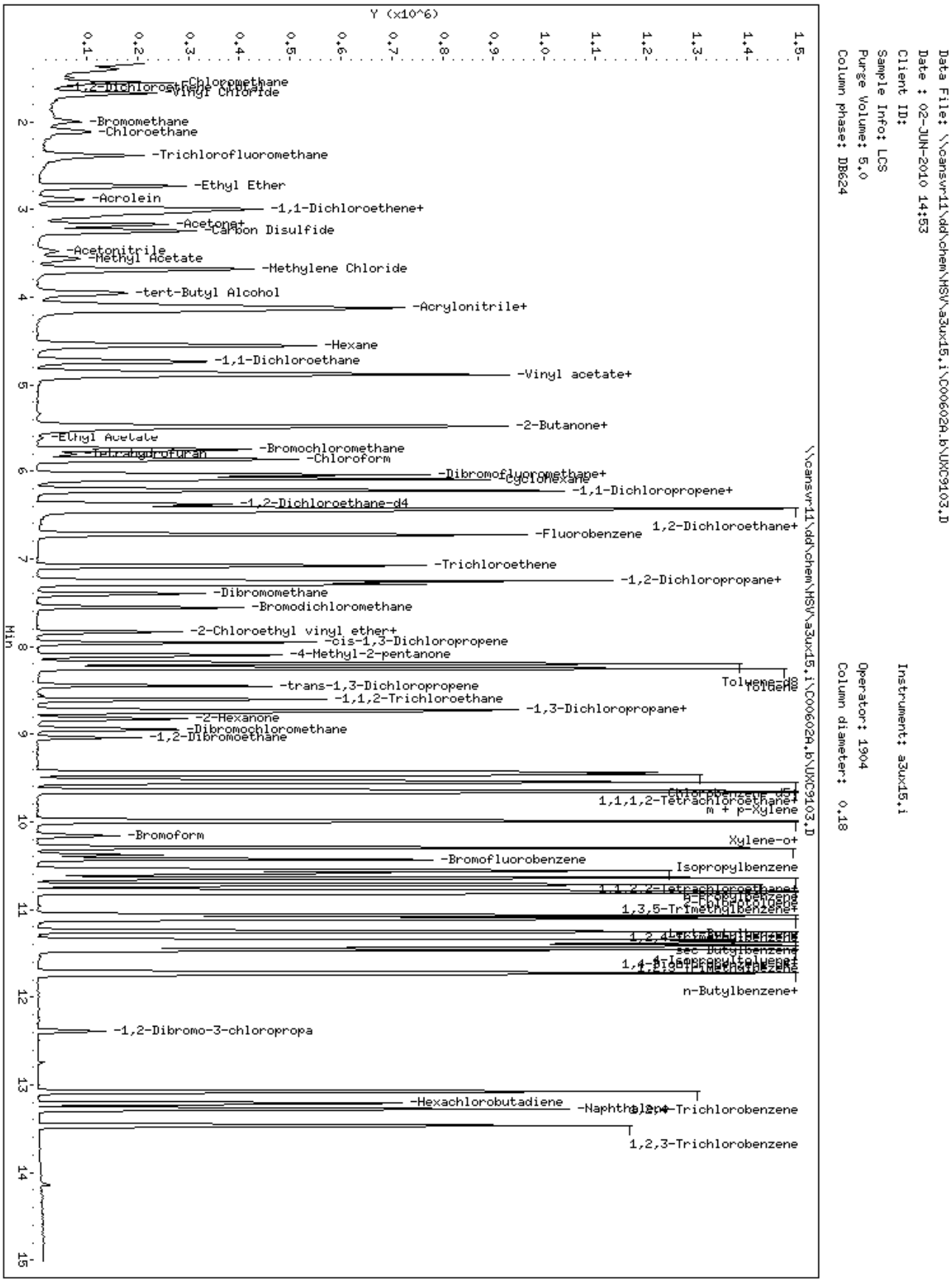
Instrument ID: a3ux15.i
Lab File ID: UXC9103.D
Lab Smp Id: LCS
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904,3

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	757546	-0.17
2 Chlorobenzene-d5	528668	264334	1057336	521291	-1.40
3 1,4-Dichlorobenze	304645	152323	609290	298784	-1.92

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9103.D
Date : 02-JUN-2010 14:53
Client ID:
Sample Info: LCS
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
-Chloromethane
-1,2-Dichloroethene (total)
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Ethyl Ether
-Acrolein
-1,1-Dichloroethene+
-Acetone+
-Carbon Disulfide
-Acetonitrile
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-1,1-Dichloroethane
-Vinyl acetate+
-2-Butanone+
-Ethyl Acetate
-Bromochloromethane
-Tetrahydrofuran
-Chloroform
-Dibromofluoromethane+
Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-Dibromomethane
-Bromodichloromethane
-2-Chloroethyl vinyl ether+
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
-Bromofluorobenzene
Isopropylbenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene+
1,3,5-Trimethylbenzene+
1,2,4-Trimethylbenzene
sec-Butylbenzene+
4-Isopropyltoluene+
1,4-Dichlorobenzene
1,2,3-Trimethylbenzene
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-Naphthalene+
1,2,4-Trichlorobenzene
1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9103.D

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9104.D
Report Date: 02-Jun-2010 15:37

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9104.D
Lab Smp Id: LCSD
Inj Date : 02-JUN-2010 15:17
Operator : 1904 Inst ID: a3ux15.i
Smp Info : LCSD
Misc Info : C00602A,8260LLUX15,,1904,3
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 4 QC Sample: METHSPIKE
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	764422	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	512433	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	291999	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	200359	47.9480	9.590
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	258898	46.5226	9.304
$ 6 Toluene-d8	98	8.190	8.190	(0.868)	754274	48.1218	9.624
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	258619	47.0630	9.413
8 Dichlorodifluoromethane	85	1.407	1.396	(0.209)	108885	33.4209	6.684
9 Chloromethane	50	1.550	1.550	(0.231)	282659	41.2399	8.248
10 Vinyl Chloride	62	1.668	1.668	(0.248)	232614	46.1781	9.236
11 Bromomethane	94	2.000	2.000	(0.298)	53329	42.3502	8.470
12 Chloroethane	64	2.119	2.107	(0.315)	101459	39.1759	7.835
13 Trichlorofluoromethane	101	2.380	2.380	(0.354)	251634	63.1976	12.640
15 Acrolein	56	2.878	2.878	(0.428)	111261	181.959	36.392
16 Acetone	43	3.091	3.079	(0.460)	141308	95.5569	19.111
17 1,1-Dichloroethene	96	2.996	2.996	(0.446)	183335	51.5231	10.305
18 Freon-113	151	3.044	3.044	(0.453)	180388	66.6593	13.332
19 Iodomethane	142	3.174	3.174	(0.472)	376949	52.3031	10.461
20 Carbon Disulfide	76	3.245	3.245	(0.483)	542963	51.7123	10.342
21 Methylene Chloride	84	3.684	3.684	(0.548)	210941	47.8536	9.571

22 Acetonitrile	41	3.471	3.471 (0.517)	84468	183.360	36.672
23 Acrylonitrile	53	4.087	4.087 (0.608)	261911	153.562	30.712

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9104.D
Report Date: 02-Jun-2010 15:37

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	4.147	4.135	(0.617)	471820	56.0531	11.211
	25 trans-1,2-Dichloroethene	96	4.123	4.111	(0.614)	212191	48.2835	9.657
	26 Hexane	86	4.550	4.550	(0.677)	50832	56.3393	11.268
	27 Vinyl acetate	43	4.870	4.858	(0.725)	866866	100.538	20.108
	28 1,1-Dichloroethane	63	4.728	4.728	(0.704)	435799	46.9407	9.388
	29 tert-Butyl Alcohol	59	3.957	3.945	(0.589)	281131	985.635	197.13
	30 2-Butanone	43	5.522	5.522	(0.822)	168225	97.3215	19.464
M	31 1,2-Dichloroethene (total)	96				434819	93.7392	18.748
	32 cis-1,2-dichloroethene	96	5.487	5.475	(0.816)	222628	45.4557	9.091
	33 2,2-Dichloropropane	77	5.463	5.463	(0.813)	240596	44.8212	8.964
	34 Bromochloromethane	128	5.759	5.748	(0.857)	109368	46.6417	9.328
	35 Chloroform	83	5.866	5.866	(0.873)	356671	46.8316	9.366
	36 Tetrahydrofuran	42	5.807	5.807	(0.864)	58711	41.1253	8.225
	37 1,1,1-Trichloroethane	97	6.044	6.032	(0.899)	308134	46.8335	9.367
	38 1,1-Dichloropropene	75	6.222	6.222	(0.926)	281054	47.5450	9.509
	39 Carbon Tetrachloride	117	6.210	6.210	(0.924)	268298	45.7572	9.151
	40 1,2-Dichloroethane	62	6.459	6.459	(0.961)	334366	45.4391	9.088
	41 Benzene	78	6.435	6.435	(0.958)	795711	46.3132	9.263
	42 Trichloroethene	130	7.076	7.076	(1.053)	237032	47.2131	9.443
	43 1,2-Dichloropropane	63	7.289	7.289	(1.085)	225504	46.0427	9.208
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	7.396	7.396	(1.101)	104754	46.6113	9.322
	46 Bromodichloromethane	83	7.550	7.550	(1.123)	216789	43.7700	8.754
	47 2-Chloroethyl vinyl ether	63	7.835	7.835	(1.166)	91923	40.3963	8.079
	48 cis-1,3-Dichloropropene	75	7.953	7.953	(1.184)	222751	37.5819	7.516
	49 4-Methyl-2-pentanone	43	8.096	8.096	(1.205)	333425	85.6154	17.123
	50 Toluene	91	8.250	8.250	(0.874)	796646	45.0915	9.018
	51 trans-1,3-Dichloropropene	75	8.451	8.451	(0.896)	187163	37.4566	7.491
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	8.605	8.606	(0.912)	140410	45.4277	9.086
	54 1,3-Dichloropropane	76	8.748	8.748	(0.927)	242316	44.2345	8.847
	55 Tetrachloroethene	164	8.724	8.724	(0.925)	174149	46.4620	9.292
	56 2-Hexanone	43	8.819	8.819	(0.935)	200295	86.3473	17.269
	57 Dibromochloromethane	129	8.949	8.949	(0.948)	141585	37.9082	7.582
	58 1,2-Dibromoethane	107	9.032	9.044	(0.957)	133932	44.0674	8.813
	59 Chlorobenzene	112	9.459	9.459	(1.002)	539740	45.7498	9.150
	60 1,1,1,2-Tetrachloroethane	131	9.530	9.530	(1.010)	189293	45.3383	9.068
	61 Ethylbenzene	106	9.554	9.554	(1.013)	285139	44.9091	8.982
	62 m + p-Xylene	106	9.649	9.649	(1.023)	734370	93.7103	18.742
M	63 Xylenes (total)	106				1091613	140.322	28.064
	64 Xylene-o	106	9.981	9.981	(1.058)	357243	46.6116	9.322
	65 Styrene	104	9.993	9.993	(1.059)	511678	43.7603	8.752
	66 Bromoform	173	10.159	10.159	(1.077)	67093	34.9577	6.992
	67 Isopropylbenzene	105	10.301	10.301	(1.092)	909199	46.3306	9.266
	68 1,1,2,2-Tetrachloroethane	83	10.550	10.550	(0.925)	153110	40.7635	8.153
	69 1,4-Dichloro-2-butene	53	10.586	10.586	(0.928)	86553	55.3462	11.069
	70 1,2,3-Trichloropropane	110	10.586	10.586	(0.928)	55002	45.1279	9.026
	71 Bromobenzene	156	10.562	10.562	(0.926)	220420	40.6384	8.128
	72 n-Propylbenzene	120	10.645	10.645	(0.933)	261565	42.5571	8.511
	73 2-Chlorotoluene	126	10.716	10.716	(0.940)	231584	43.6704	8.734
	74 1,3,5-Trimethylbenzene	105	10.787	10.787	(0.946)	751267	41.7964	8.359
	75 4-Chlorotoluene	126	10.811	10.811	(0.948)	224601	41.9418	8.388

76	tert-Butylbenzene	119	11.072	11.072 (0.971)	724131	43.6431	8.729
77	1,2,4-Trimethylbenzene	105	11.108	11.108 (0.974)	787213	43.7095	8.742

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9104.D
Report Date: 02-Jun-2010 15:37

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	11.250	11.250	(0.986)	922800	42.8717	8.574
79 4-Isopropyltoluene	119	11.369	11.369	(0.997)	882560	44.9580	8.992
80 1,3-Dichlorobenzene	146	11.345	11.345	(0.995)	453573	43.7651	8.753
81 1,4-Dichlorobenzene	146	11.416	11.416	(1.001)	461103	43.8597	8.772
82 n-Butylbenzene	91	11.712	11.712	(1.027)	666792	44.0495	8.810
83 1,2-Dichlorobenzene	146	11.736	11.736	(1.029)	438078	44.4917	8.898
84 1,2-Dibromo-3-chloropropane	157	12.388	12.388	(1.086)	27733	35.6716	7.134
85 1,2,4-Trichlorobenzene	180	13.076	13.076	(1.147)	324945	43.8101	8.762
86 Hexachlorobutadiene	225	13.218	13.218	(1.159)	120496	42.6513	8.530
87 Naphthalene	128	13.278	13.278	(1.164)	678282	40.2611	8.052
88 1,2,3-Trichlorobenzene	180	13.467	13.468	(1.181)	294915	42.0853	8.417
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	2.736	2.736	(0.407)	219723	49.1050	9.821
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	4.882	4.882	(0.726)	168174	43.4650	8.693
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	5.617	5.617	(0.836)	19208	5.02325	1.005
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	6.424	6.424	(0.681)	278147	2170.58	434.12
100 Methyl Methacrylate	41	7.289	7.420	(1.085)	179629	48.4222	9.684
101 2-Nitropropane	41	7.835	7.764	(1.166)	7197	8.03137	1.606
98 Cyclohexane	56	6.091	6.092	(0.906)	517233	46.1593	9.232
143 Methyl Acetate	43	3.566	3.554	(0.531)	174834	46.4589	9.292
144 Methylcyclohexane	83	7.254	7.254	(1.079)	378115	51.2583	10.252
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	4.858	4.858	(0.723)	27865	50.9284	10.186
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	11.463	11.463	(1.005)	804665	48.1646	9.633

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9104.D
Report Date: 02-Jun-2010 15:37

TestAmerica North Canton

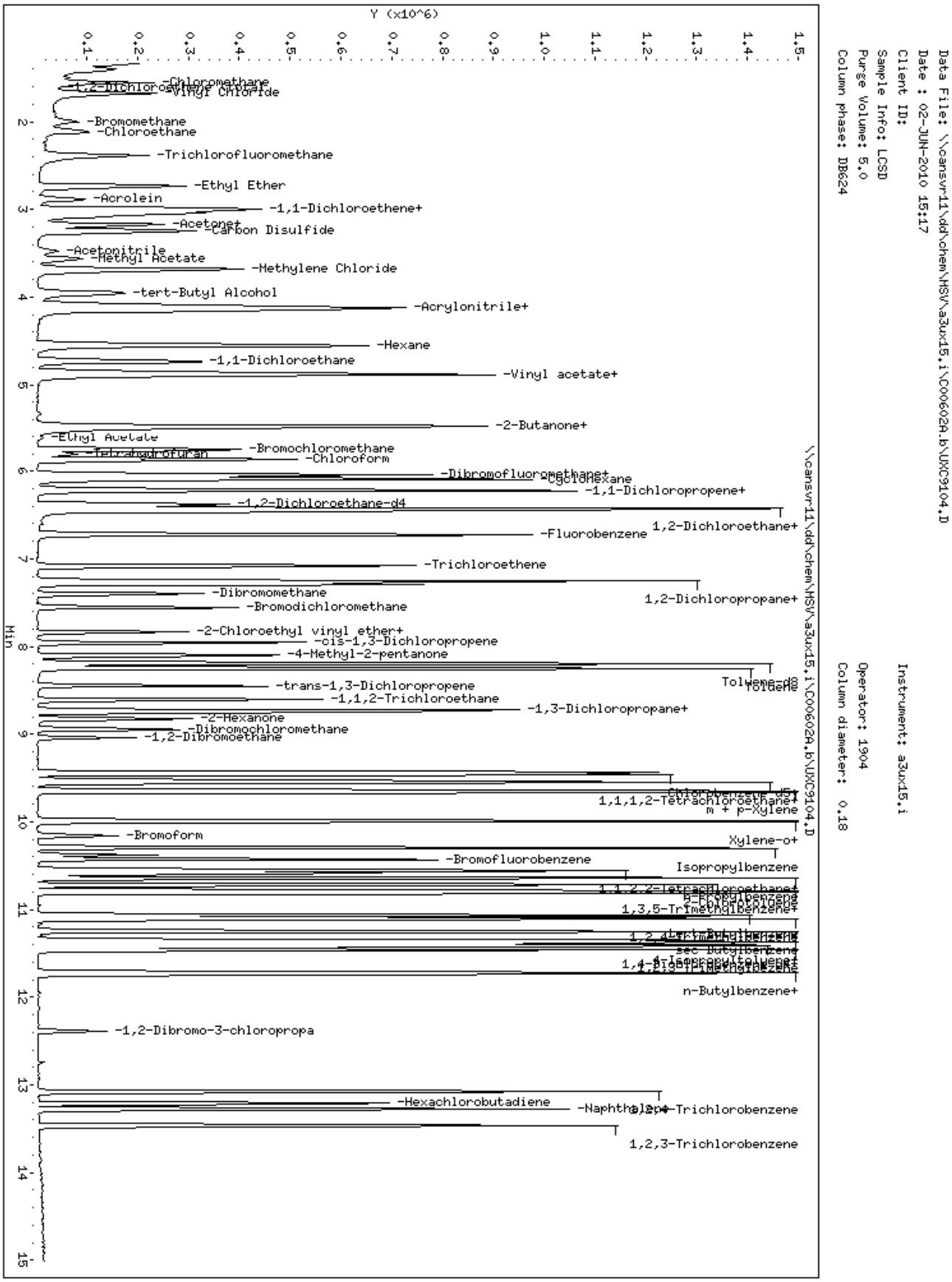
INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Calibration Date: 02-JUN-2010
Lab File ID: UXC9104.D
Calibration Time: 14:03
Lab Smp Id: LCSD
Analysis Type: VOA
Level: LOW
Quant Type: ISTD
Sample Type: WATER
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904,3

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	764422	0.74
2 Chlorobenzene-d5	528668	264334	1057336	512433	-3.07
3 1,4-Dichlorobenze	304645	152323	609290	291999	-4.15

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	-0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	-0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.


Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9104.D
Date : 02-JUN-2010 15:17
Client ID:
Sample Info: LCSD
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
\\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9104.D
-Chloromethane
-1,2-Dichloroethene (total)
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Ethyl Ether
-Acrolein
-1,1-Dichloroethene+
-Acetone+
-Carbon Disulfide
-Acetonitrile
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-1,1-Dichloroethane
-Vinyl acetate+
-2-Butanone+
-Ethyl Acetate
-Bromochloromethane
-Tetrahydrofuran
-Chloroform
-Dibromofluoromethane+
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-Dibromomethane
1,2-Dichloropropane+
-Bromodichloromethane
-2-Chloroethyl vinyl ether+
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
-Bromofluorobenzene
Isopropylbenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
1,2,4-Trimethylbenzene
sec-Butylbenzene+
4-Isopropyltoluene+
1,4-Dichlorobenzene
1,2,3-Trimethylbenzene
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-Naphthalene+
1,2,4-Trichlorobenzene
1,2,3-Trichlorobenzene

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AA **Matrix.....:** WATER
MB Lot-Sample #: A0F030000-141

Prep Date.....: 06/02/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/02/10 **Prep Batch #...:** 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)

NOTE(S):

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

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9105.D
Report Date: 03-Jun-2010 10:06

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9105.D
Lab Smp Id: VBLK
Inj Date : 02-JUN-2010 15:41
Operator : 1904 Inst ID: a3ux15.i
Smp Info : VBLK,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904,3,,BLANK,,0
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 5 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	724141	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	495249	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	270971	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	189010	47.7482	9.550
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	247566	46.9608	9.392
$ 6 Toluene-d8	98	8.191	8.190	(0.868)	689035	45.4849	9.097
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	236807	44.5890	8.918
8 Dichlorodifluoromethane	85	Compound Not Detected.					
9 Chloromethane	50	Compound Not Detected.					
10 Vinyl Chloride	62	Compound Not Detected.					
11 Bromomethane	94	Compound Not Detected.					
12 Chloroethane	64	Compound Not Detected.					
13 Trichlorofluoromethane	101	Compound Not Detected.					
15 Acrolein	56	Compound Not Detected.					
16 Acetone	43	Compound Not Detected.					
17 1,1-Dichloroethene	96	Compound Not Detected.					
18 Freon-113	151	Compound Not Detected.					
19 Iodomethane	142	Compound Not Detected.					
20 Carbon Disulfide	76	Compound Not Detected.					
21 Methylene Chloride	84	3.684	3.684	(0.548)	9326	2.23336	0.4467

22 Acetonitrile	41	Compound Not Detected.
23 Acrylonitrile	53	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9105.D
Report Date: 03-Jun-2010 10:06

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	Compound Not Detected.					
	25 trans-1,2-Dichloroethene	96	Compound Not Detected.					
	26 Hexane	86	Compound Not Detected.					
	27 Vinyl acetate	43	Compound Not Detected.					
	28 1,1-Dichloroethane	63	Compound Not Detected.					
	29 tert-Butyl Alcohol	59	Compound Not Detected.					
	30 2-Butanone	43	Compound Not Detected.					
M	31 1,2-Dichloroethene (total)	96	Compound Not Detected.					
	32 cis-1,2-dichloroethene	96	Compound Not Detected.					
	33 2,2-Dichloropropane	77	Compound Not Detected.					
	34 Bromochloromethane	128	Compound Not Detected.					
	35 Chloroform	83	Compound Not Detected.					
	36 Tetrahydrofuran	42	Compound Not Detected.					
	37 1,1,1-Trichloroethane	97	Compound Not Detected.					
	38 1,1-Dichloropropene	75	Compound Not Detected.					
	39 Carbon Tetrachloride	117	Compound Not Detected.					
	40 1,2-Dichloroethane	62	Compound Not Detected.					
	41 Benzene	78	Compound Not Detected.					
	42 Trichloroethene	130	Compound Not Detected.					
	43 1,2-Dichloropropane	63	Compound Not Detected.					
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	Compound Not Detected.					
	46 Bromodichloromethane	83	Compound Not Detected.					
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	Compound Not Detected.					
	49 4-Methyl-2-pentanone	43	Compound Not Detected.					
	50 Toluene	91	Compound Not Detected.					
	51 trans-1,3-Dichloropropene	75	Compound Not Detected.					
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	Compound Not Detected.					
	54 1,3-Dichloropropane	76	Compound Not Detected.					
	55 Tetrachloroethene	164	Compound Not Detected.					
	56 2-Hexanone	43	Compound Not Detected.					
	57 Dibromochloromethane	129	Compound Not Detected.					
	58 1,2-Dibromoethane	107	Compound Not Detected.					
	59 Chlorobenzene	112	Compound Not Detected.					
	60 1,1,1,2-Tetrachloroethane	131	Compound Not Detected.					
	61 Ethylbenzene	106	Compound Not Detected.					
	62 m + p-Xylene	106	Compound Not Detected.					
M	63 Xylenes (total)	106	Compound Not Detected.					
	64 Xylene-o	106	Compound Not Detected.					
	65 Styrene	104	Compound Not Detected.					
	66 Bromoform	173	Compound Not Detected.					
	67 Isopropylbenzene	105	Compound Not Detected.					
	68 1,1,2,2-Tetrachloroethane	83	Compound Not Detected.					
	69 1,4-Dichloro-2-butene	53	Compound Not Detected.					
	70 1,2,3-Trichloropropane	110	Compound Not Detected.					
	71 Bromobenzene	156	Compound Not Detected.					
	72 n-Propylbenzene	120	Compound Not Detected.					
	73 2-Chlorotoluene	126	Compound Not Detected.					
	74 1,3,5-Trimethylbenzene	105	Compound Not Detected.					
	75 4-Chlorotoluene	126	Compound Not Detected.					

76	tert-Butylbenzene	119	Compound Not Detected.
77	1,2,4-Trimethylbenzene	105	Compound Not Detected.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9105.D
Report Date: 03-Jun-2010 10:06

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	Compound Not Detected.					
79 4-Isopropyltoluene	119	Compound Not Detected.					
80 1,3-Dichlorobenzene	146	Compound Not Detected.					
81 1,4-Dichlorobenzene	146	Compound Not Detected.					
82 n-Butylbenzene	91	Compound Not Detected.					
83 1,2-Dichlorobenzene	146	Compound Not Detected.					
84 1,2-Dibromo-3-chloropropane	157	Compound Not Detected.					
85 1,2,4-Trichlorobenzene	180	Compound Not Detected.					
86 Hexachlorobutadiene	225	Compound Not Detected.					
87 Naphthalene	128	Compound Not Detected.					
88 1,2,3-Trichlorobenzene	180	Compound Not Detected.					
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	Compound Not Detected.					
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	Compound Not Detected.					
93 2-Chloro-1,3-butadiene	53	Compound Not Detected.					
94 Propionitrile	54	Compound Not Detected.					
95 Ethyl Acetate	43	Compound Not Detected.					
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	Compound Not Detected.					
100 Methyl Methacrylate	41	Compound Not Detected.					
101 2-Nitropropane	41	Compound Not Detected.					
98 Cyclohexane	56	Compound Not Detected.					
143 Methyl Acetate	43	Compound Not Detected.					
144 Methylcyclohexane	83	Compound Not Detected.					
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	Compound Not Detected.					
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9105.D
Report Date: 03-Jun-2010 10:06

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

Instrument ID: a3ux15.i
Lab File ID: UXC9105.D
Lab Smp Id: VBLK
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904,3,,BLANK,,0

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Level: LOW
Sample Type: WATER

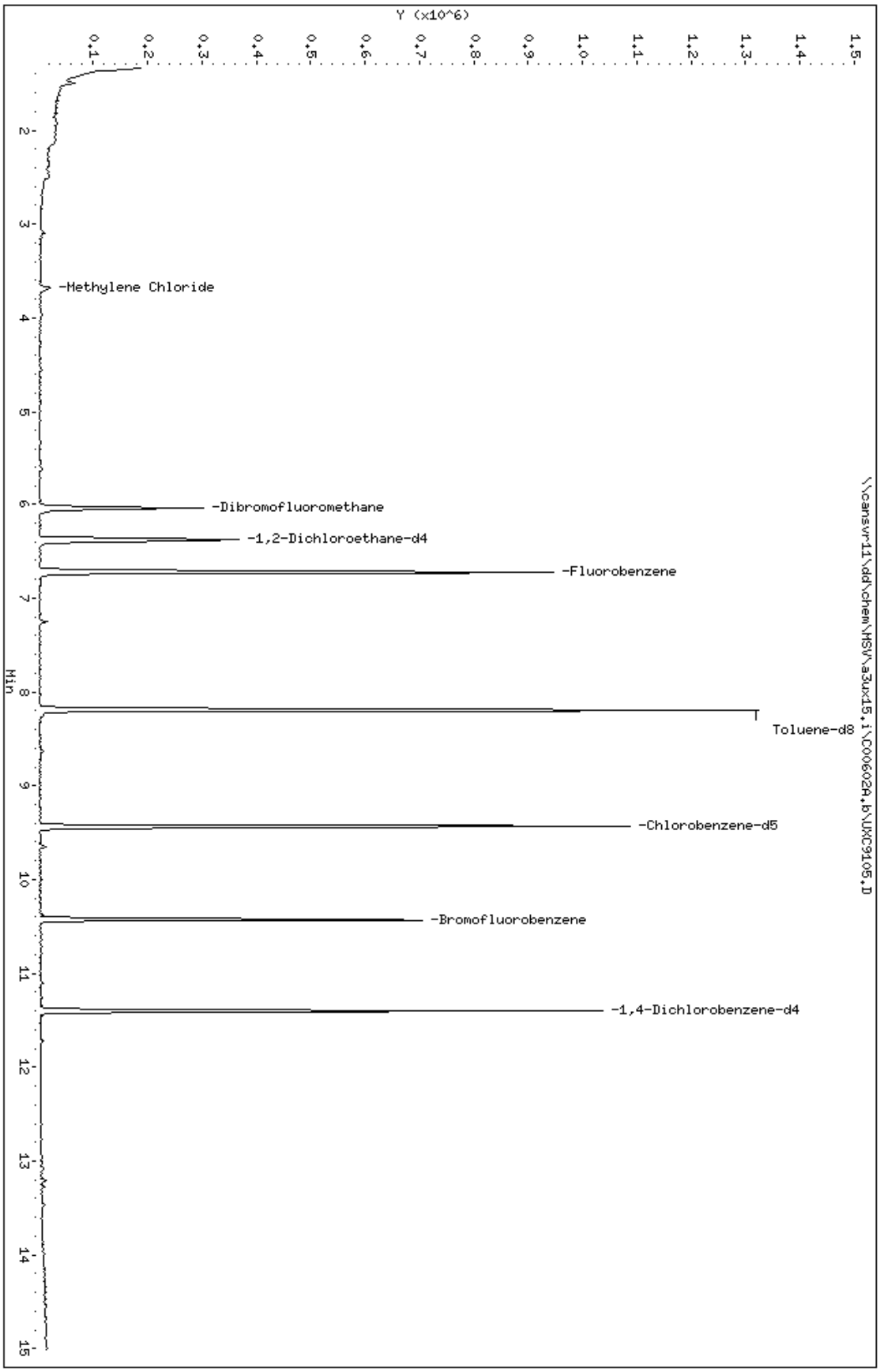
COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	724141	-4.57
2 Chlorobenzene-d5	528668	264334	1057336	495249	-6.32
3 1,4-Dichlorobenze	304645	152323	609290	270971	-11.05

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9105.D
Date : 02-JUN-2010 15:41
Client ID:
Sample Info: VBLK,5ML/5ML
Purge Volume: 5.0
Column phase: DB624

Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18



Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9105.D

Date : 02-JUN-2010 15:41

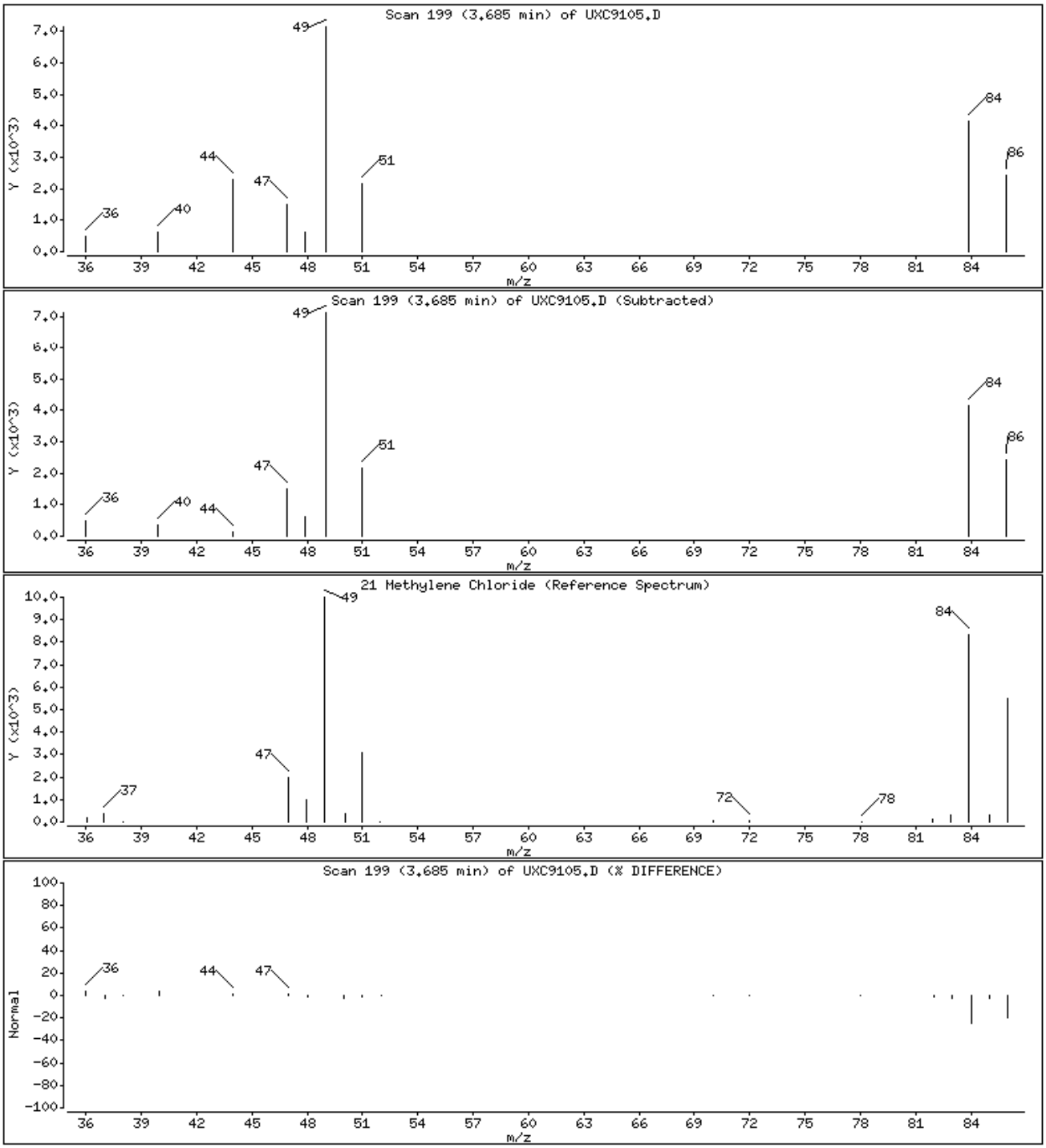
Client ID: Instrument: a3ux15.i

Sample Info: VBLK,5ML/5ML

Purge Volume: 5.0 Operator: 1904

Column phase: DB624 Column diameter: 0.18

21 Methylene Chloride Concentration: 0.4467 ug/L



MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**90**	**(78 - 118)**			**SW846 8260B**
	94	**(78 - 118)**	**4.7**	**(0-20)**	**SW846 8260B**
Bromobenzene	80	(70 - 130)			SW846 8260B
	85	(70 - 130)	7.0	(0-30)	SW846 8260B
Acetone	94	(45 - 128)			SW846 8260B
	98	(45 - 128)	3.2	(0-30)	SW846 8260B
Carbon disulfide	94	(69 - 138)			SW846 8260B
	99	(69 - 138)	4.4	(0-41)	SW846 8260B
Bromochloromethane	92	(70 - 130)			SW846 8260B
	95	(70 - 130)	3.7	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	89	(86 - 115)			SW846 8260B
	93	(86 - 115)	4.3	(0-30)	SW846 8260B
Bromodichloromethane	84	(80 - 146)			SW846 8260B
	90	(80 - 146)	6.8	(0-30)	SW846 8260B
2-Butanone	100	(71 - 123)			SW846 8260B
	102	(71 - 123)	1.3	(0-30)	SW846 8260B
Bromoform	67	(58 - 176)			SW846 8260B
	72	(58 - 176)	6.6	(0-30)	SW846 8260B
Bromomethane	77	(55 - 145)			SW846 8260B
	92	(55 - 145)	18	(0-30)	SW846 8260B
n-Butylbenzene	75	(70 - 130)			SW846 8260B
	81	(70 - 130)	7.6	(0-30)	SW846 8260B
4-Methyl-2-pentanone	87	(82 - 135)			SW846 8260B
	89	(82 - 135)	2.9	(0-30)	SW846 8260B
sec-Butylbenzene	77	(70 - 130)			SW846 8260B
	81	(70 - 130)	5.9	(0-30)	SW846 8260B
2-Hexanone	83	(81 - 128)			SW846 8260B
	87	(81 - 128)	4.3	(0-30)	SW846 8260B
tert-Butylbenzene	81	(70 - 130)			SW846 8260B
	86	(70 - 130)	6.3	(0-30)	SW846 8260B
Carbon tetrachloride	82	(63 - 176)			SW846 8260B
	88	(63 - 176)	6.4	(0-30)	SW846 8260B
Xylenes (total)	85 a	(89 - 121)			SW846 8260B
	90	(89 - 121)	5.8	(0-30)	SW846 8260B
Chlorobenzene	**86**	**(76 - 117)**			**SW846 8260B**
	91	**(76 - 117)**	**5.0**	**(0-20)**	**SW846 8260B**
Dibromochloromethane	72	(71 - 158)			SW846 8260B
	75	(71 - 158)	4.6	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	104	(70 - 130)			SW846 8260B
	106	(70 - 130)	1.9	(0-30)	SW846 8260B
Methyl acetate	79	(70 - 130)			SW846 8260B
	82	(70 - 130)	2.7	(0-30)	SW846 8260B
Chloroethane	77	(59 - 142)			SW846 8260B
	86	(59 - 142)	11	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	109	(70 - 130)			SW846 8260B
	113	(70 - 130)	3.2	(0-30)	SW846 8260B
Cyclohexane	77	(70 - 130)			SW846 8260B
	75	(70 - 130)	2.4	(0-30)	SW846 8260B
Methylcyclohexane	82	(70 - 130)			SW846 8260B
	76	(70 - 130)	7.1	(0-30)	SW846 8260B
Chloroform	88	(83 - 141)			SW846 8260B
	92	(83 - 141)	5.4	(0-30)	SW846 8260B
Chloromethane	82	(40 - 137)			SW846 8260B
	89	(40 - 137)	7.7	(0-39)	SW846 8260B
1,2-Dibromo-3-chloro-propane	66 a	(70 - 130)			SW846 8260B
	68 a	(70 - 130)	2.9	(0-30)	SW846 8260B
2-Chlorotoluene	80	(70 - 130)			SW846 8260B
	81	(70 - 130)	1.1	(0-30)	SW846 8260B
Methyl tert-butyl ether	109	(70 - 130)			SW846 8260B
	113	(70 - 130)	3.2	(0-30)	SW846 8260B
n-Hexane	88	(70 - 130)			SW846 8260B
	77	(70 - 130)	14	(0-30)	SW846 8260B
4-Chlorotoluene	80	(70 - 130)			SW846 8260B
	84	(70 - 130)	5.0	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	0.0 a	(70 - 130)			SW846 8260B
	0.0 a	(70 - 130)	0.0	(0-30)	SW846 8260B
Acetonitrile	124	(50 - 130)			SW846 8260B
	129	(50 - 130)	4.1	(0-30)	SW846 8260B
1,2-Dibromoethane	86	(70 - 130)			SW846 8260B
	89	(70 - 130)	2.9	(0-30)	SW846 8260B
Acrolein	104	(50 - 130)			SW846 8260B
	111	(50 - 130)	6.9	(0-30)	SW846 8260B
Acrylonitrile	99	(50 - 130)			SW846 8260B
	103	(50 - 130)	3.8	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	90	(70 - 130)			SW846 8260B
	97	(70 - 130)	7.2	(0-30)	SW846 8260B
Dibromomethane	91	(70 - 130)			SW846 8260B
	97	(70 - 130)	5.6	(0-30)	SW846 8260B
1,2-Dichlorobenzene	85	(70 - 130)			SW846 8260B
	89	(70 - 130)	4.9	(0-30)	SW846 8260B
1,3-Dichlorobenzene	82	(70 - 130)			SW846 8260B
	85	(70 - 130)	3.4	(0-30)	SW846 8260B
1,4-Dichlorobenzene	85	(70 - 130)			SW846 8260B
	87	(70 - 130)	3.2	(0-30)	SW846 8260B
Iodomethane	99	(70 - 130)			SW846 8260B
	104	(70 - 130)	4.8	(0-30)	SW846 8260B
Isopropyl ether	87	(70 - 130)			SW846 8260B
	91	(70 - 130)	4.5	(0-30)	SW846 8260B
Dichlorodifluoromethane	51 a	(70 - 130)			SW846 8260B
	51 a	(70 - 130)	1.2	(0-30)	SW846 8260B
1,1-Dichloroethane	89	(88 - 127)			SW846 8260B
	92	(88 - 127)	3.3	(0-30)	SW846 8260B
1,2-Dichloroethane	90	(71 - 160)			SW846 8260B
	93	(71 - 160)	4.1	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	88	(87 - 114)			SW846 8260B
	92	(87 - 114)	4.4	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	91	(85 - 116)			SW846 8260B
	95	(85 - 116)	4.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**98**	**(62 - 130)**			**SW846 8260B**
	100	**(62 - 130)**	**2.7**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	90	(87 - 114)			SW846 8260B
	96	(87 - 114)	6.5	(0-30)	SW846 8260B
1,3-Dichloropropane	85	(70 - 130)			SW846 8260B
	88	(70 - 130)	3.6	(0-30)	SW846 8260B
2,2-Dichloropropane	69 a	(70 - 130)			SW846 8260B
	74	(70 - 130)	7.7	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	73 a	(82 - 130)			SW846 8260B
	78 a	(82 - 130)	6.2	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	69 a	(73 - 147)			SW846 8260B
	73	(73 - 147)	5.6	(0-30)	SW846 8260B
1,1-Dichloropropene	88	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.9	(0-30)	SW846 8260B
Ethylbenzene	85 a	(86 - 132)			SW846 8260B
	86	(86 - 132)	1.8	(0-30)	SW846 8260B
Hexachlorobutadiene	64 a	(70 - 130)			SW846 8260B
	68 a	(70 - 130)	5.9	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Isopropylbenzene	82	(70 - 130)			SW846 8260B
	89	(70 - 130)	7.9	(0-30)	SW846 8260B
p-Isopropyltoluene	80	(70 - 130)			SW846 8260B
	85	(70 - 130)	6.3	(0-30)	SW846 8260B
Methylene chloride	91	(82 - 115)			SW846 8260B
	94	(82 - 115)	3.4	(0-30)	SW846 8260B
Naphthalene	73	(70 - 130)			SW846 8260B
	74	(70 - 130)	0.42	(0-30)	SW846 8260B
n-Propylbenzene	78	(70 - 130)			SW846 8260B
	80	(70 - 130)	3.1	(0-30)	SW846 8260B
Styrene	81 a	(83 - 120)			SW846 8260B
	88	(83 - 120)	7.3	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	84	(70 - 130)			SW846 8260B
	89	(70 - 130)	5.6	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	82 a	(88 - 116)			SW846 8260B
	84 a	(88 - 116)	2.0	(0-30)	SW846 8260B
Tetrachloroethene	84 a	(85 - 121)			SW846 8260B
	90	(85 - 121)	6.6	(0-30)	SW846 8260B
Toluene	**84**	**(70 - 119)**			**SW846 8260B**
	89	**(70 - 119)**	**5.9**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	76	(70 - 130)			SW846 8260B
	75	(70 - 130)	0.64	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	76	(70 - 130)			SW846 8260B
	80	(70 - 130)	5.3	(0-30)	SW846 8260B
1,1,1-Trichloroethane	86	(71 - 162)			SW846 8260B
	91	(71 - 162)	6.1	(0-30)	SW846 8260B
1,1,2-Trichloroethane	88	(86 - 129)			SW846 8260B
	89	(86 - 129)	0.46	(0-30)	SW846 8260B
Trichloroethene	**89**	**(62 - 130)**			**SW846 8260B**
	92	**(62 - 130)**	**3.4**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	108	(70 - 130)			SW846 8260B
	116	(70 - 130)	7.4	(0-30)	SW846 8260B
1,2,3-Trichloropropane	89	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.4	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	82	(70 - 130)			SW846 8260B
	87	(70 - 130)	6.3	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	76	(70 - 130)			SW846 8260B
	81	(70 - 130)	5.8	(0-30)	SW846 8260B
Vinyl chloride	87 a	(88 - 126)			SW846 8260B
	94	(88 - 126)	8.2	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
m-Xylene & p-Xylene	85	(70 - 130)			SW846 8260B
	90	(70 - 130)	5.8	(0-30)	SW846 8260B
o-Xylene	86	(70 - 130)			SW846 8260B
	91	(70 - 130)	5.9	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
	92	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
	90	(61 - 128)
Toluene-d8	89	(76 - 110)
	89	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)
	89	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**4.7**	**SW846 8260B**
Bromobenzene	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.5	ug/L	85	7.0	SW846 8260B
Acetone	ND	20	25	ug/L	94		SW846 8260B
	ND	20	26	ug/L	98	3.2	SW846 8260B
Carbon disulfide	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.9	ug/L	99	4.4	SW846 8260B
Bromochloromethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.5	ug/L	95	3.7	SW846 8260B
1,2-Dichloroethene (total)	ND	20	18	ug/L	89		SW846 8260B
	ND	20	19	ug/L	93	4.3	SW846 8260B
Bromodichloromethane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	9.0	ug/L	90	6.8	SW846 8260B
2-Butanone	ND	20	22	ug/L	100		SW846 8260B
	ND	20	22	ug/L	102	1.3	SW846 8260B
Bromoform	ND	10	6.7	ug/L	67		SW846 8260B
	ND	10	7.2	ug/L	72	6.6	SW846 8260B
Bromomethane	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	9.2	ug/L	92	18	SW846 8260B
n-Butylbenzene	ND	10	7.5	ug/L	75		SW846 8260B
	ND	10	8.1	ug/L	81	7.6	SW846 8260B
4-Methyl-2-pentanone	ND	20	17	ug/L	87		SW846 8260B
	ND	20	18	ug/L	89	2.9	SW846 8260B
sec-Butylbenzene	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.1	ug/L	81	5.9	SW846 8260B
2-Hexanone	ND	20	17	ug/L	83		SW846 8260B
	ND	20	17	ug/L	87	4.3	SW846 8260B
tert-Butylbenzene	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.6	ug/L	86	6.3	SW846 8260B
Carbon tetrachloride	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.8	ug/L	88	6.4	SW846 8260B
Xylenes (total)	ND	30	26	ug/L	85 a		SW846 8260B
	ND	30	27	ug/L	90	5.8	SW846 8260B
Chlorobenzene	**ND**	**10**	**8.6**	**ug/L**	**86**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**5.0**	**SW846 8260B**
Dibromochloromethane	ND	10	7.2	ug/L	72		SW846 8260B
	ND	10	7.5	ug/L	75	4.6	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	10	ug/L	104		SW846 8260B
	ND	10	11	ug/L	106	1.9	SW846 8260B
Methyl acetate	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	8.2	ug/L	82	2.7	SW846 8260B
Chloroethane	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.6	ug/L	86	11	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	11	ug/L	109		SW846 8260B
	ND	10	11	ug/L	113	3.2	SW846 8260B
Cyclohexane	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	7.5	ug/L	75	2.4	SW846 8260B
Methylcyclohexane	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	7.6	ug/L	76	7.1	SW846 8260B
Chloroform	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.2	ug/L	92	5.4	SW846 8260B
Chloromethane	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.9	ug/L	89	7.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	6.6	ug/L	66 a		SW846 8260B
	ND	10	6.8	ug/L	68 a	2.9	SW846 8260B
2-Chlorotoluene	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.1	ug/L	81	1.1	SW846 8260B
Methyl tert-butyl ether	ND	10	11	ug/L	109		SW846 8260B
	ND	10	11	ug/L	113	3.2	SW846 8260B
n-Hexane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	7.7	ug/L	77	14	SW846 8260B
4-Chlorotoluene	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.4	ug/L	84	5.0	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	0.0	ug/L	0.0 a		SW846 8260B
	ND	10	0.0	ug/L	0.0 a	0.0	SW846 8260B
Acetonitrile	ND	30	37	ug/L	124		SW846 8260B
	ND	30	39	ug/L	129	4.1	SW846 8260B
1,2-Dibromoethane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.9	ug/L	89	2.9	SW846 8260B
Acrolein	ND	30	31	ug/L	104		SW846 8260B
	ND	30	33	ug/L	111	6.9	SW846 8260B
Acrylonitrile	ND	30	30	ug/L	99		SW846 8260B
	ND	30	31	ug/L	103	3.8	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Vinyl acetate	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.7	ug/L	97	7.2	SW846 8260B
Dibromomethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.7	ug/L	97	5.6	SW846 8260B
1,2-Dichlorobenzene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.9	ug/L	89	4.9	SW846 8260B
1,3-Dichlorobenzene	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.5	ug/L	85	3.4	SW846 8260B
1,4-Dichlorobenzene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.7	ug/L	87	3.2	SW846 8260B
Iodomethane	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	10	ug/L	104	4.8	SW846 8260B
Isopropyl ether	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.1	ug/L	91	4.5	SW846 8260B
Dichlorodifluoromethane	ND	10	5.1	ug/L	51 a		SW846 8260B
	ND	10	5.1	ug/L	51 a	1.2	SW846 8260B
1,1-Dichloroethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.2	ug/L	92	3.3	SW846 8260B
1,2-Dichloroethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.3	ug/L	93	4.1	SW846 8260B
cis-1,2-Dichloroethene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.2	ug/L	92	4.4	SW846 8260B
trans-1,2-Dichloroethene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.5	ug/L	95	4.2	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**100**	**2.7**	**SW846 8260B**
1,2-Dichloropropane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.6	ug/L	96	6.5	SW846 8260B
1,3-Dichloropropane	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.8	ug/L	88	3.6	SW846 8260B
2,2-Dichloropropane	ND	10	6.9	ug/L	69 a		SW846 8260B
	ND	10	7.4	ug/L	74	7.7	SW846 8260B
cis-1,3-Dichloropropene	ND	10	7.3	ug/L	73 a		SW846 8260B
	ND	10	7.8	ug/L	78 a	6.2	SW846 8260B
trans-1,3-Dichloropropene	ND	10	6.9	ug/L	69 a		SW846 8260B
	ND	10	7.3	ug/L	73	5.6	SW846 8260B
1,1-Dichloropropene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.1	ug/L	91	2.9	SW846 8260B
Ethylbenzene	ND	10	8.5	ug/L	85 a		SW846 8260B
	ND	10	8.6	ug/L	86	1.8	SW846 8260B
Hexachlorobutadiene	ND	10	6.4	ug/L	64 a		SW846 8260B
	ND	10	6.8	ug/L	68 a	5.9	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Isopropylbenzene	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.9	ug/L	89	7.9	SW846 8260B
p-Isopropyltoluene	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.5	ug/L	85	6.3	SW846 8260B
Methylene chloride	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	3.4	SW846 8260B
Naphthalene	ND	10	7.3	ug/L	73		SW846 8260B
	ND	10	7.4	ug/L	74	0.42	SW846 8260B
n-Propylbenzene	ND	10	7.8	ug/L	78		SW846 8260B
	ND	10	8.0	ug/L	80	3.1	SW846 8260B
Styrene	ND	10	8.1	ug/L	81 a		SW846 8260B
	ND	10	8.8	ug/L	88	7.3	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.9	ug/L	89	5.6	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	8.2	ug/L	82 a		SW846 8260B
	ND	10	8.4	ug/L	84 a	2.0	SW846 8260B
Tetrachloroethene	ND	10	8.4	ug/L	84 a		SW846 8260B
	ND	10	9.0	ug/L	90	6.6	SW846 8260B
Toluene	**ND**	**10**	**8.4**	**ug/L**	**84**		**SW846 8260B**
	ND	**10**	**8.9**	**ug/L**	**89**	**5.9**	**SW846 8260B**
1,2,3-Trichlorobenzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	7.5	ug/L	75	0.64	SW846 8260B
1,2,4-Trichloro-benzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.0	ug/L	80	5.3	SW846 8260B
1,1,1-Trichloroethane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.1	ug/L	91	6.1	SW846 8260B
1,1,2-Trichloroethane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.9	ug/L	89	0.46	SW846 8260B
Trichloroethene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.2**	**ug/L**	**92**	**3.4**	**SW846 8260B**
Trichlorofluoromethane	ND	10	11	ug/L	108		SW846 8260B
	ND	10	12	ug/L	116	7.4	SW846 8260B
1,2,3-Trichloropropane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.1	ug/L	91	2.4	SW846 8260B
1,2,4-Trimethylbenzene	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.7	ug/L	87	6.3	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.1	ug/L	81	5.8	SW846 8260B
Vinyl chloride	ND	10	8.7	ug/L	87 a		SW846 8260B
	ND	10	9.4	ug/L	94	8.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
m-Xylene & p-Xylene	ND	20	17	ug/L	85		SW846 8260B
	ND	20	18	ug/L	90	5.8	SW846 8260B
o-Xylene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.1	ug/L	91	5.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
	92	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
	90	(61 - 128)
Toluene-d8	89	(76 - 110)
	89	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)
	89	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9128.D
Report Date: 03-Jun-2010 01:22

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9128.D
Lab Smp Id: L1839-MS
Inj Date : 03-JUN-2010 01:02
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L1839-MS,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904,3,,MS
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 28 QC Sample: MS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	796484	50.0000	
* 2 Chlorobenzene-d5	117	9.436	9.436	(1.000)	560678	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	314275	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	202152	46.4297	9.286
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	262779	45.3191	9.064
$ 6 Toluene-d8	98	8.191	8.190	(0.868)	761249	44.3877	8.878
$ 7 Bromofluorobenzene	95	10.432	10.432	(1.106)	269614	44.8421	8.968
8 Dichlorodifluoromethane	85	1.407	1.396	(0.209)	87197	25.6866	5.137
9 Chloromethane	50	1.562	1.550	(0.232)	293229	41.0599	8.212
10 Vinyl Chloride	62	1.668	1.668	(0.248)	227725	43.3878	8.678
11 Bromomethane	94	2.000	2.000	(0.298)	51358	38.5783	7.716
12 Chloroethane	64	2.119	2.107	(0.315)	103747	38.4468	7.689
13 Trichlorofluoromethane	101	2.380	2.380	(0.354)	224091	54.0146	10.803
15 Acrolein	56	2.878	2.878	(0.428)	99377	155.981	31.196
16 Acetone	43	3.091	3.079	(0.460)	186889	124.752	24.950
17 1,1-Dichloroethene	96	2.997	2.996	(0.446)	181261	48.8897	9.778
18 Freon-113	151	3.044	3.044	(0.453)	146169	51.8400	10.368
19 Iodomethane	142	3.174	3.174	(0.472)	371067	49.4144	9.883
20 Carbon Disulfide	76	3.246	3.245	(0.483)	516124	47.1774	9.435
21 Methylene Chloride	84	3.684	3.684	(0.548)	208226	45.3361	9.067

22 Acetonitrile	41	3.471	3.471 (0.517)	89159	185.753	37.150
23 Acrylonitrile	53	4.087	4.087 (0.608)	265072	149.159	29.832

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9128.D
Report Date: 03-Jun-2010 01:22

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	4.147	4.135	(0.617)	480144	54.7458	10.949
	25 trans-1,2-Dichloroethene	96	4.123	4.111	(0.614)	208588	45.5530	9.111
	26 Hexane	86	4.550	4.550	(0.677)	41348	43.9830	8.796
	27 Vinyl acetate	43	4.882	4.858	(0.727)	819868	91.2596	18.252
	28 1,1-Dichloroethane	63	4.728	4.728	(0.704)	432734	44.7342	8.947
	29 tert-Butyl Alcohol	59	3.945	3.945	(0.587)	276030	924.987	185.00
	30 2-Butanone	43	5.522	5.522	(0.822)	197235	109.511	21.902
M	31 1,2-Dichloroethene (total)	96				432818	89.4929	17.898
	32 cis-1,2-dichloroethene	96	5.487	5.475	(0.816)	224230	43.9399	8.788
	33 2,2-Dichloropropane	77	5.463	5.463	(0.813)	192600	34.4356	6.887
	34 Bromochloromethane	128	5.760	5.748	(0.857)	112118	45.8898	9.178
	35 Chloroform	83	5.866	5.866	(0.873)	347593	43.8025	8.760
	36 Tetrahydrofuran	42	5.807	5.807	(0.864)	63682	42.8117	8.562
	37 1,1,1-Trichloroethane	97	6.044	6.032	(0.899)	294252	42.9232	8.585
	38 1,1-Dichloropropene	75	6.222	6.222	(0.926)	272382	44.2231	8.845
	39 Carbon Tetrachloride	117	6.210	6.210	(0.924)	251057	41.0932	8.219
	40 1,2-Dichloroethane	62	6.459	6.459	(0.961)	343636	44.8190	8.964
	41 Benzene	78	6.435	6.435	(0.958)	803922	44.9076	8.982
	42 Trichloroethene	130	7.076	7.076	(1.053)	233718	44.6790	8.936
	43 1,2-Dichloropropane	63	7.289	7.289	(1.085)	230505	45.1693	9.034
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	7.396	7.396	(1.101)	107013	45.6997	9.140
	46 Bromodichloromethane	83	7.550	7.550	(1.123)	218020	42.2466	8.449
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	7.953	7.953	(1.184)	225952	36.5874	7.317
	49 4-Methyl-2-pentanone	43	8.096	8.096	(1.205)	351622	86.6535	17.331
	50 Toluene	91	8.250	8.250	(0.874)	810174	41.9113	8.382
	51 trans-1,3-Dichloropropene	75	8.451	8.451	(0.896)	188589	34.4944	6.899
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	8.606	8.606	(0.912)	149146	44.1019	8.820
	54 1,3-Dichloropropane	76	8.748	8.748	(0.927)	255099	42.5609	8.512
	55 Tetrachloroethene	164	8.724	8.724	(0.925)	172462	42.0527	8.410
	56 2-Hexanone	43	8.819	8.819	(0.935)	210485	82.9322	16.586
	57 Dibromochloromethane	129	8.949	8.949	(0.948)	145776	35.8083	7.162
	58 1,2-Dibromoethane	107	9.044	9.044	(0.959)	143457	43.1398	8.628
	59 Chlorobenzene	112	9.459	9.459	(1.002)	556718	43.1284	8.626
	60 1,1,1,2-Tetrachloroethane	131	9.531	9.530	(1.010)	191552	41.9316	8.386
	61 Ethylbenzene	106	9.554	9.554	(1.013)	293978	42.3172	8.463
	62 m + p-Xylene	106	9.649	9.649	(1.023)	727224	84.8134	16.963
M	63 Xylenes (total)	106				1086428	127.648	25.530
	64 Xylene-o	106	9.981	9.981	(1.058)	359204	42.8346	8.567
	65 Styrene	104	9.993	9.993	(1.059)	521069	40.7289	8.146
	66 Bromoform	173	10.159	10.159	(1.077)	70318	33.6286	6.726
	67 Isopropylbenzene	105	10.301	10.301	(1.092)	884348	41.1866	8.237
	68 1,1,2,2-Tetrachloroethane	83	10.550	10.550	(0.925)	165829	41.0204	8.204
	69 1,4-Dichloro-2-butene	53	10.586	10.586	(0.928)	81149	48.6804	9.736
	70 1,2,3-Trichloropropane	110	10.586	10.586	(0.928)	58066	44.2650	8.853
	71 Bromobenzene	156	10.562	10.562	(0.926)	232215	39.7784	7.956
	72 n-Propylbenzene	120	10.645	10.645	(0.933)	256476	38.7713	7.754
	73 2-Chlorotoluene	126	10.716	10.716	(0.940)	227323	39.8284	7.966
	74 1,3,5-Trimethylbenzene	105	10.788	10.787	(0.946)	738782	38.1885	7.638
	75 4-Chlorotoluene	126	10.811	10.811	(0.948)	231313	40.1335	8.027

76	tert-Butylbenzene	119	11.072	11.072 (0.971)	720024	40.3196	8.064
77	1,2,4-Trimethylbenzene	105	11.108	11.108 (0.974)	790594	40.7858	8.157

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9128.D
Report Date: 03-Jun-2010 01:22

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	11.250	11.250	(0.986)	886333	38.2588	7.652
79 4-Isopropyltoluene	119	11.369	11.369	(0.997)	841085	39.8083	7.962
80 1,3-Dichlorobenzene	146	11.345	11.345	(0.995)	458940	41.1442	8.229
81 1,4-Dichlorobenzene	146	11.416	11.416	(1.001)	478909	42.3245	8.465
82 n-Butylbenzene	91	11.713	11.712	(1.027)	612183	37.5754	7.515
83 1,2-Dichlorobenzene	146	11.736	11.736	(1.029)	450740	42.5330	8.506
84 1,2-Dibromo-3-chloropropane	157	12.388	12.388	(1.086)	27320	32.8786	6.576
85 1,2,4-Trichlorobenzene	180	13.076	13.076	(1.147)	303601	38.0311	7.606
86 Hexachlorobutadiene	225	13.219	13.218	(1.159)	96993	31.8986	6.380
87 Naphthalene	128	13.278	13.278	(1.164)	664397	36.6416	7.328
88 1,2,3-Trichlorobenzene	180	13.468	13.468	(1.181)	285655	37.8745	7.575
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	2.736	2.736	(0.407)	219111	46.9971	9.399
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	4.882	4.882	(0.727)	174530	43.2920	8.658
93 2-Chloro-1,3-butadiene	53	5.107	4.858	(0.760)	24496	2.42935	0.4859
94 Propionitrile	54	5.392	5.582	(0.802)	7334	15.5194	3.104
95 Ethyl Acetate	43	5.617	5.617	(0.836)	20370	5.11269	1.022
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	6.424	6.424	(0.681)	282427	2006.83	401.37
100 Methyl Methacrylate	41	7.360	7.420	(1.095)	5428	1.40431	0.2809
101 2-Nitropropane	41	7.633	7.764	(1.136)	1906	2.04135	0.4083
98 Cyclohexane	56	6.092	6.092	(0.906)	451421	38.6643	7.733
143 Methyl Acetate	43	3.566	3.554	(0.531)	155831	39.7423	7.948
144 Methylcyclohexane	83	7.254	7.254	(1.079)	313482	40.7858	8.157
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	4.858	4.858	(0.723)	25638	44.9719	8.994
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	11.463	11.463	(1.005)	807945	44.9330	8.987

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9128.D
Report Date: 03-Jun-2010 01:22

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

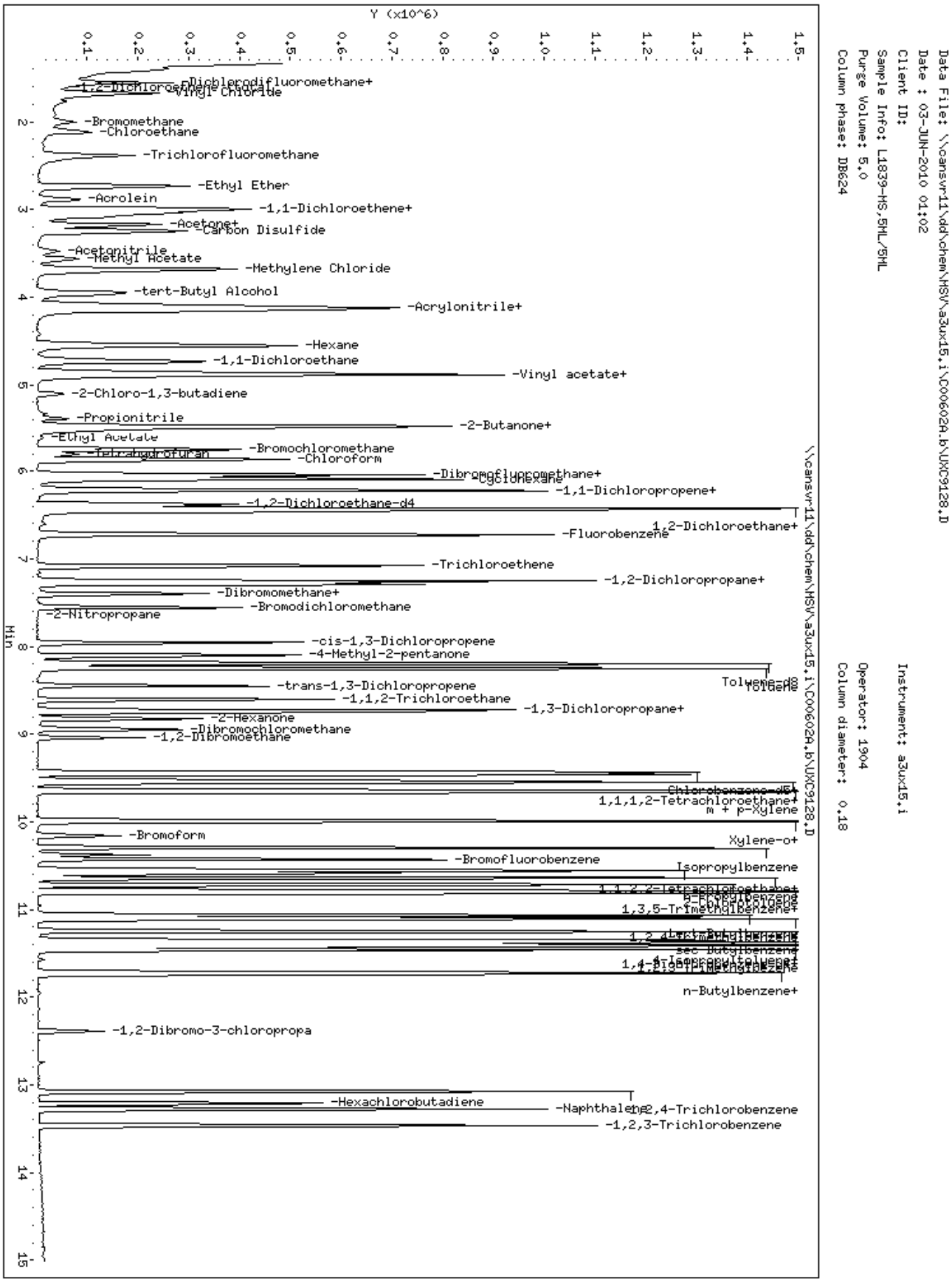
Instrument ID: a3ux15.i
Lab File ID: UXC9128.D
Lab Smp Id: L1839-MS
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904,3,,MS

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	796484	4.96
2 Chlorobenzene-d5	528668	264334	1057336	560678	6.05
3 1,4-Dichlorobenze	304645	152323	609290	314275	3.16

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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Date : 03-JUN-2010 01:02
Client ID:
Sample Info: L1839-MS,5ML/5ML
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorodifluoromethane+
-1,2-Dichloroethane-d4
Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Ethyl Ether
-Acrolein
-1,1-Dichloroethene+
-Acetone+
-Carbon Disulfide
-Acetonitrile
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-1,1-Dichloroethane
-Vinyl acetate+
-2-Chloro-1,3-butadiene
-Propionitrile
-2-Butanone+
-Ethyl Acetate
-Bromochloromethane
-Tetrahydrofuran
-Chloroform
-Dibromofluoromethane+
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-Dibromomethane+
-Bromodichloromethane
-2-Nitropropane
-cis-1,3-Dichloropropene
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
-Bromofluorobenzene
Isopropylbenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene
1,3,5-Trimethylbenzene+
1,2,4-Trimethylbenzene
sec-Butylbenzene+
4-Isopropyltoluene+
1,4-Dichlorobenzene+
1,2,3-Trimethylbenzene
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-Naphthalene+
1,2,4-Trichlorobenzene
-1,2,3-Trichlorobenzene

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9129.D
Report Date: 03-Jun-2010 01:47

TestAmerica North Canton

VOLATILE REPORT SW-846 Method 8260A/B

Data file : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9129.D
Lab Smp Id: L1839-MSD
Inj Date : 03-JUN-2010 01:26
Operator : 1904 Inst ID: a3ux15.i
Smp Info : L1839-MSD,5ML/5ML
Misc Info : C00602A,8260LLUX15,,1904,3,,MSD
Comment :
Method : \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Meth Date : 02-Jun-2010 14:55 a3ux15.i Quant Type: ISTD
Cal Date : 17-MAY-2010 11:57 Cal File: UXC8598.D
Als bottle: 29 QC Sample: MSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: 4-8260+IX.sub
Target Version: 4.14
Processing Host: CANSVR11

Concentration Formula: Amt * DF * 1/Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	5.000	Sample volume
Va	100.000	Injection Volume
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
* 1 Fluorobenzene	96	6.720	6.720	(1.000)	792615	50.0000	
* 2 Chlorobenzene-d5	117	9.435	9.436	(1.000)	559512	50.0000	
* 3 1,4-Dichlorobenzene-d4	152	11.404	11.404	(1.000)	324820	50.0000	
$ 4 Dibromofluoromethane	113	6.044	6.044	(0.899)	198704	45.8606	9.172
$ 5 1,2-Dichloroethane-d4	65	6.376	6.376	(0.949)	259037	44.8919	8.978
$ 6 Toluene-d8	98	8.190	8.190	(0.868)	761369	44.4873	8.897
$ 7 Bromofluorobenzene	95	10.420	10.432	(1.104)	266046	44.3408	8.868
8 Dichlorodifluoromethane	85	1.395	1.396	(0.208)	85734	25.3790	5.076
9 Chloromethane	50	1.550	1.550	(0.231)	315328	44.3699	8.874
10 Vinyl Chloride	62	1.668	1.668	(0.248)	246068	47.1115	9.422
11 Bromomethane	94	2.000	2.000	(0.298)	59406	46.0169	9.203
12 Chloroethane	64	2.107	2.107	(0.314)	115017	42.8314	8.566
13 Trichlorofluoromethane	101	2.380	2.380	(0.354)	240133	58.1639	11.633
15 Acrolein	56	2.878	2.878	(0.428)	105990	167.173	33.434
16 Acetone	43	3.091	3.079	(0.460)	191531	128.858	25.772
17 1,1-Dichloroethene	96	2.996	2.996	(0.446)	185284	50.2187	10.044
18 Freon-113	151	3.044	3.044	(0.453)	148190	52.8133	10.563
19 Iodomethane	142	3.174	3.174	(0.472)	387649	51.8746	10.375
20 Carbon Disulfide	76	3.245	3.245	(0.483)	536519	49.2810	9.856
21 Methylene Chloride	84	3.684	3.684	(0.548)	214315	46.8896	9.378

22 Acetonitrile	41	3.471	3.471 (0.517)	92446	193.541	38.708
23 Acrylonitrile	53	4.087	4.087 (0.608)	274172	155.033	31.006

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9129.D
Report Date: 03-Jun-2010 01:47

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	24 Methyl tert-butyl ether	73	4.147	4.135	(0.617)	493359	56.5271	11.305
	25 trans-1,2-Dichloroethene	96	4.111	4.111	(0.612)	216403	47.4904	9.498
	26 Hexane	86	4.550	4.550	(0.677)	35833	38.3026	7.660
	27 Vinyl acetate	43	4.870	4.858	(0.725)	845341	94.5544	18.911
	28 1,1-Dichloroethane	63	4.728	4.728	(0.704)	444947	46.2213	9.244
	29 tert-Butyl Alcohol	59	3.957	3.945	(0.589)	286265	966.750	193.35
	30 2-Butanone	43	5.522	5.522	(0.822)	198822	110.931	22.186
M	31 1,2-Dichloroethene (total)	96				449545	93.3997	18.680
	32 cis-1,2-dichloroethene	96	5.487	5.475	(0.816)	233142	45.9093	9.182
	33 2,2-Dichloropropane	77	5.463	5.463	(0.813)	207028	37.1959	7.439
	34 Bromochloromethane	128	5.747	5.748	(0.855)	115835	47.6425	9.528
	35 Chloroform	83	5.866	5.866	(0.873)	365027	46.2240	9.245
	36 Tetrahydrofuran	42	5.807	5.807	(0.864)	65744	44.4137	8.883
	37 1,1,1-Trichloroethane	97	6.032	6.032	(0.898)	311189	45.6155	9.123
	38 1,1-Dichloropropene	75	6.222	6.222	(0.926)	278987	45.5166	9.103
	39 Carbon Tetrachloride	117	6.210	6.210	(0.924)	266285	43.7985	8.760
	40 1,2-Dichloroethane	62	6.459	6.459	(0.961)	356213	46.6861	9.337
	41 Benzene	78	6.435	6.435	(0.958)	838915	47.0911	9.418
	42 Trichloroethene	130	7.076	7.076	(1.053)	240609	46.2209	9.244
	43 1,2-Dichloropropane	63	7.289	7.289	(1.085)	244750	48.1948	9.639
	44 1,4-Dioxane	88	Compound Not Detected.					
	45 Dibromomethane	93	7.396	7.396	(1.101)	112624	48.3307	9.666
	46 Bromodichloromethane	83	7.550	7.550	(1.124)	232353	45.2437	9.049
	47 2-Chloroethyl vinyl ether	63	Compound Not Detected.					
	48 cis-1,3-Dichloropropene	75	7.953	7.953	(1.184)	239275	38.9338	7.787
	49 4-Methyl-2-pentanone	43	8.095	8.096	(1.205)	360370	89.2428	17.848
	50 Toluene	91	8.250	8.250	(0.874)	857640	44.4592	8.892
	51 trans-1,3-Dichloropropene	75	8.451	8.451	(0.896)	199099	36.4926	7.298
	52 Ethyl Methacrylate	69	Compound Not Detected.					
	53 1,1,2-Trichloroethane	97	8.605	8.606	(0.912)	149515	44.3032	8.861
	54 1,3-Dichloropropane	76	8.748	8.748	(0.927)	263986	44.1354	8.827
	55 Tetrachloroethene	164	8.724	8.724	(0.925)	183842	44.9209	8.984
	56 2-Hexanone	43	8.819	8.819	(0.935)	219339	86.6008	17.320
	57 Dibromochloromethane	129	8.949	8.949	(0.948)	152728	37.4788	7.496
	58 1,2-Dibromoethane	107	9.044	9.044	(0.959)	147337	44.3989	8.880
	59 Chlorobenzene	112	9.459	9.459	(1.002)	584190	45.3510	9.070
	60 1,1,1,2-Tetrachloroethane	131	9.530	9.530	(1.010)	202268	44.3696	8.874
	61 Ethylbenzene	106	9.554	9.554	(1.013)	298576	43.0686	8.614
	62 m + p-Xylene	106	9.649	9.649	(1.023)	768919	89.8630	17.972
M	63 Xylenes (total)	106				1149110	135.295	27.059
	64 Xylene-o	106	9.981	9.981	(1.058)	380191	45.4318	9.086
	65 Styrene	104	9.993	9.993	(1.059)	559426	43.8181	8.764
	66 Bromoform	173	10.159	10.159	(1.077)	75480	35.9152	7.183
	67 Isopropylbenzene	105	10.301	10.301	(1.092)	955235	44.5807	8.916
	68 1,1,2,2-Tetrachloroethane	83	10.550	10.550	(0.925)	174770	41.8286	8.366
	69 1,4-Dichloro-2-butene	53	10.586	10.586	(0.928)	92507	53.3187	10.664
	70 1,2,3-Trichloropropane	110	10.586	10.586	(0.928)	61476	45.3431	9.069
	71 Bromobenzene	156	10.562	10.562	(0.926)	257487	42.6756	8.535
	72 n-Propylbenzene	120	10.645	10.645	(0.933)	273342	39.9795	7.996
	73 2-Chlorotoluene	126	10.716	10.716	(0.940)	237689	40.2927	8.058
	74 1,3,5-Trimethylbenzene	105	10.787	10.787	(0.946)	808890	40.4550	8.091
	75 4-Chlorotoluene	126	10.811	10.811	(0.948)	251429	42.2075	8.441

76	tert-Butylbenzene	119	11.072	11.072 (0.971)	792758	42.9514	8.590
77	1,2,4-Trimethylbenzene	105	11.108	11.108 (0.974)	870035	43.4269	8.685

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9129.D
Report Date: 03-Jun-2010 01:47

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
78 sec-Butylbenzene	105	11.250	11.250	(0.986)	971452	40.5717	8.114
79 4-Isopropyltoluene	119	11.368	11.369	(0.997)	925631	42.3876	8.478
80 1,3-Dichlorobenzene	146	11.345	11.345	(0.995)	490588	42.5536	8.511
81 1,4-Dichlorobenzene	146	11.416	11.416	(1.001)	511113	43.7042	8.741
82 n-Butylbenzene	91	11.712	11.712	(1.027)	682623	40.5387	8.108
83 1,2-Dichlorobenzene	146	11.736	11.736	(1.029)	489336	44.6759	8.935
84 1,2-Dibromo-3-chloropropane	157	12.388	12.388	(1.086)	29145	33.8493	6.770
85 1,2,4-Trichlorobenzene	180	13.076	13.076	(1.147)	330787	40.0914	8.018
86 Hexachlorobutadiene	225	13.218	13.218	(1.159)	106314	33.8290	6.766
87 Naphthalene	128	13.278	13.278	(1.164)	689570	36.7953	7.359
88 1,2,3-Trichlorobenzene	180	13.467	13.468	(1.181)	293355	37.6327	7.526
14 Dichlorofluoromethane	67	Compound Not Detected.					
89 Ethyl Ether	59	2.735	2.736	(0.407)	233808	50.3942	10.079
91 3-Chloropropene	76	Compound Not Detected.					
92 Isopropyl Ether	87	4.882	4.882	(0.726)	181755	45.3042	9.061
93 2-Chloro-1,3-butadiene	53	5.107	4.858	(0.760)	24306	2.42228	0.4844
94 Propionitrile	54	5.392	5.582	(0.802)	7115	15.1294	3.026
95 Ethyl Acetate	43	5.617	5.617	(0.836)	20849	5.25846	1.052
96 Methacrylonitrile	41	Compound Not Detected.					
97 Isobutanol	41	6.423	6.424	(0.681)	301534	2154.35	430.87
100 Methyl Methacrylate	41	7.360	7.420	(1.095)	3556	0.92449	0.1849
101 2-Nitropropane	41	7.953	7.764	(1.184)	1771	1.90602	0.3812
98 Cyclohexane	56	6.091	6.092	(0.906)	438458	37.7374	7.547
143 Methyl Acetate	43	3.566	3.554	(0.531)	159363	40.8415	8.168
144 Methylcyclohexane	83	7.254	7.254	(1.079)	290499	37.9800	7.596
141 1,3,5-Trichlorobenzene	180	Compound Not Detected.					
146 2-Methylnaphthalene	142	Compound Not Detected.					
152 Vinyl Acetate-86	86	4.858	4.858	(0.723)	27405	48.3061	9.661
155 tert-Butyl Ethyl Ether	59	Compound Not Detected.					
156 tert-Amyl Methyl Ether	73	Compound Not Detected.					
157 1,2,3-Trimethylbezene	105	11.463	11.463	(1.005)	886262	47.6884	9.538

Data File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9129.D
Report Date: 03-Jun-2010 01:47

TestAmerica North Canton

INTERNAL STANDARD COMPOUNDS
AREA AND RT SUMMARY

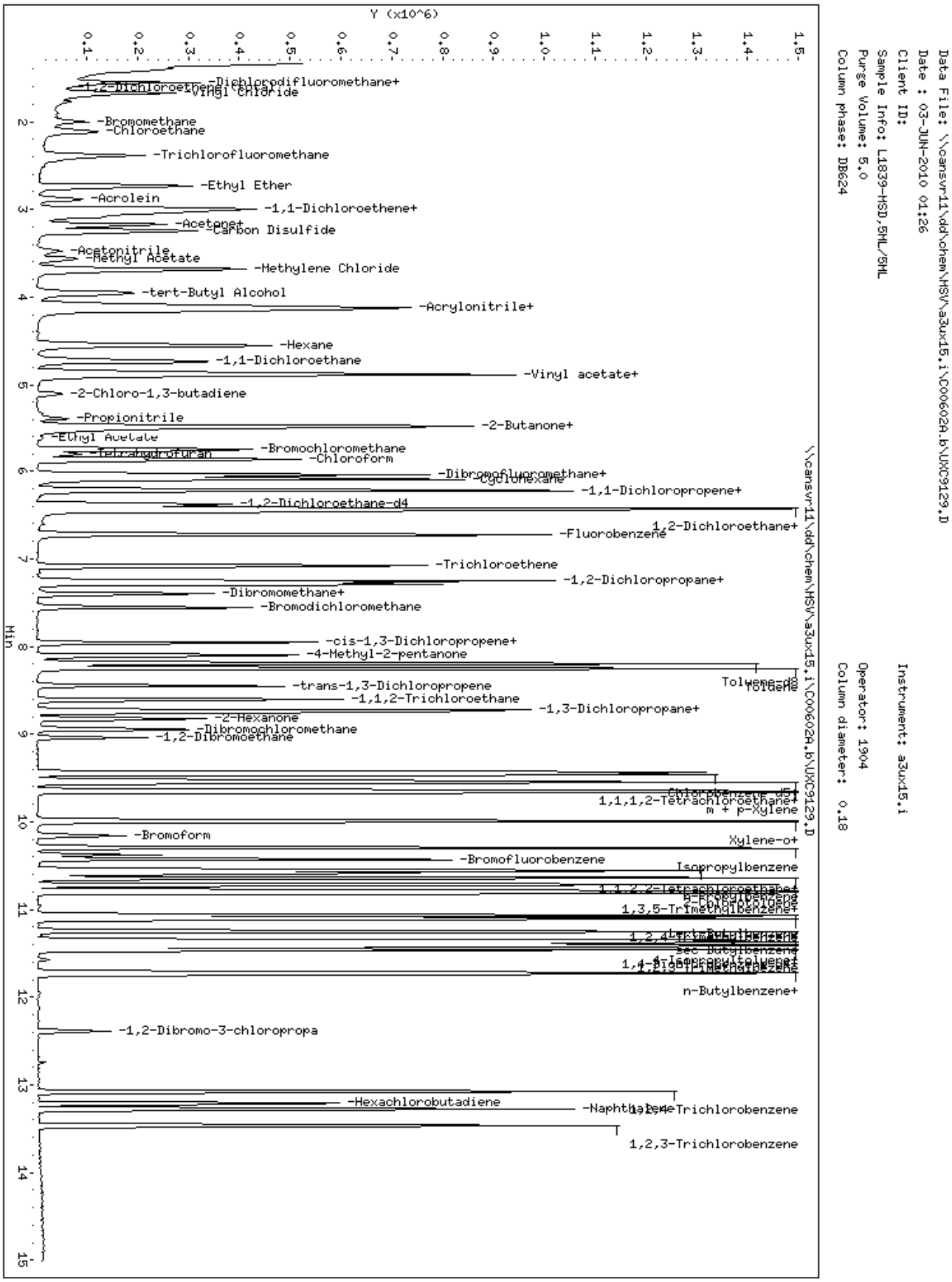
Instrument ID: a3ux15.i
Lab File ID: UXC9129.D
Lab Smp Id: L1839-MSD
Analysis Type: VOA
Quant Type: ISTD
Operator: 1904
Method File: \\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\8260LLUX15.m
Misc Info: C00602A,8260LLUX15,,1904,3,,MSD

Calibration Date: 02-JUN-2010
Calibration Time: 14:03
Level: LOW
Sample Type: WATER

COMPOUND	STANDARD	AREA LIMIT LOWER	AREA LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	758824	379412	1517648	792615	4.45
2 Chlorobenzene-d5	528668	264334	1057336	559512	5.83
3 1,4-Dichlorobenze	304645	152323	609290	324820	6.62

COMPOUND	STANDARD	RT LIMIT LOWER	RT LIMIT UPPER	SAMPLE	%DIFF
1 Fluorobenzene	6.72	6.22	7.22	6.72	-0.00
2 Chlorobenzene-d5	9.44	8.94	9.94	9.44	-0.00
3 1,4-Dichlorobenze	11.40	10.90	11.90	11.40	-0.00

AREA UPPER LIMIT = +100% of internal standard area.
AREA LOWER LIMIT = - 50% of internal standard area.
RT UPPER LIMIT = + 0.50 minutes of internal standard RT.
RT LOWER LIMIT = - 0.50 minutes of internal standard RT.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Date : 03-JUN-2010 01:26
Client ID:
Sample Info: L1839-MSD,5ML/5ML
Purge Volume: 5.0
Column phase: DB624
Instrument: a3ux15.i
Operator: 1904
Column diameter: 0.18
Y (x10^6)
Min
-Dichlorodifluoromethane+
-1,2-Dichloroethane-d4
-Vinyl Chloride
-Bromomethane
-Chloroethane
-Trichlorofluoromethane
-Ethyl Ether
-Acrolein
-1,1-Dichloroethene+
-Acetone+
-Carbon Disulfide
-Acetonitrile
-Methyl Acetate
-Methylene Chloride
-tert-Butyl Alcohol
-Acrylonitrile+
-Hexane
-1,1-Dichloroethane
-Vinyl acetate+
-2-Chloro-1,3-butadiene
-Propionitrile
-2-Butanone+
-Ethyl Acetate
-Bromochloromethane
-Tetrahydrofuran
-Chloroform
-Dibromofluoromethane+
-Cyclohexane
-1,1-Dichloropropene+
-1,2-Dichloroethane-d4
1,2-Dichloroethane+
-Fluorobenzene
-Trichloroethene
-1,2-Dichloropropane+
-Dibromomethane+
-Bromodichloromethane
-cis-1,3-Dichloropropene+
-4-Methyl-2-pentanone
Toluene-d8
Toluene
-trans-1,3-Dichloropropene
-1,1,2-Trichloroethane
-1,3-Dichloropropane+
-2-Hexanone
-Dibromochloromethane
-1,2-Dibromoethane
Chlorobenzene-d5
1,1,1,2-Tetrachloroethane+
m + p-Xylene
-Bromoform
Xylene-o+
-Bromofluorobenzene
Isopropylbenzene
1,1,2,2-Tetrachloroethane+
n-Propylbenzene
2-Chlorotoluene+
1,3,5-Trimethylbenzene+
1,2,4-Trimethylbenzene
sec-Butylbenzene+
4-Isopropyltoluene+
1,4-Dichlorobenzene+
1,2,3-Trimethylbenzene
n-Butylbenzene+
-1,2-Dibromo-3-chloropropa
-Hexachlorobutadiene
-Naphthalene+
1,2,4-Trichlorobenzene
1,2,3-Trichlorobenzene
\\cansvr11\dd\chem\MSV\a3ux15.i\C00602A.b\UXC9129.D

MISCELLANEOUS DATA

UX15
Batch # 0138098

TestAmerica-North Canton
GC/MS VOA Run Log

Date: 5-17-10

Method: (8260B) 624

Column	BFB	Analysis	Purge & Trap
Type: DB624 5/20	100 C for 1 min	35 C for 4 min	Trap: #10
Length 20 M	to 180 C @ 20 C/min	to 190 C @ 18 C/min	Purge: 11
I.D. 0.18 mm	Hold – min	to 225 C @ 25 C/min	Desorb: 1 min @210 C
Flow Rate 0.6 ml/min		Hold 1 min	Bake: 6 min @ 250 C
	IS # V8720 SS# V8544		Heated purge: Yes (No)

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
—	BFB		BFB407	50ng	Direct Inj.	0731	OK
1	Blank		wxC8588	5ml/5ml			OK
2	8260STD		wxC8589	200ng	V8744 V8734 V8741 V8722		OK
3			wxC8590	100ng			OK
4			wxC8591	50ng		C00517	OK
5			wxC8592	25ng			OK
6			wxC8593	10ng			OK
7			wxC8594	5ng			OK
8	ICV		wxC8595	5ml/5ml	50ng	V8747 FAS	OK
9	APPIXSTD		wxC8596	200ng	V8742, V8730		OK
10			wxC8597	100ng			OK
11			wxC8598	50ng		C00517-A9	OK
12			wxC8599	25ng			OK
13			wxC8600	10ng			OK
14			wxC8601	5ng			OK
15	CHech	Impt	wxC8602	5ml/5ml	50ng	V8747 FAS	OK
16	CHecklup		wxC8603				OK
17	VBLK		wxC8604				OK
18	L07MKIAA		wxC8605	1ml/5ml			OK
19	L07LBIAA		wxC8606	5ml			OK
20	L07MNIAA		wxC8607	5ml			OK
21	~~[illegible]~~		wxC8608			D 3.5ml 5/18/10	OK
22	~~[illegible]~~		wxC8609				OK
23	L07MWIAA		wxC8610				OK
24	L07MOIAA		wxC8611	0.01ml/5ml			OK
25	L07MZIAA		wxC8612	5ml			OK
26	L07MYIAA		wxC8613				OK
27	L07MMIAA		wxC8614	2.5ml/5ml		(HC)	OK
28	L07MKIAA	MS	wxC8615	1ml/5ml	+5ml		OK
29	L07MKIAA	MSD	wxC8616				OK
~~30~~	~~[illegible]~~		~~wxC8617~~	~~[illegible]~~			

5/18/10

Analyst: SAM. Date 5-20
2nd review: Date 5-20

PDF Made:

UX15
Batch # 0154141

TestAmerica-North Canton
GC/MS VOA Run Log

Date: 6-2-10

Method: 8260B 624

Column	BFB	Analysis	Purge & Trap
Type: DB624	100 C for 1 min	35 C for 4 min	Trap: #10
Length 20 M	to 180 C @ 20 C/min	to 190 C @ 18 C/min	Purge: 11
I.D. 0.18 mm	Hold -- min	to 225 C @ 25 C/min	Desorb: 1 min @210 C
Flow Rate 0.6 ml/min		Hold 1 min	Bake: 6 min @ 250 C
	IS # V8789 SS # V8167	6/10	Heated purge: Yes/No

Auto num	Sample ID Workorder#	Method	File Name	Amt purged	Std number / Sample prep	Comments	Sample status
	BFB		BFB426	50ml	V8535	1337	ok
	8260 STD		UXC9101	50ml	V8776, 8187	C00517	ok
	APP. IX STD		02	50ml	V8762, 80	↓	ok
	LCS	LZD/WZ	03	50ml	V8783		ok
	LCSD	↓	04	50ml	↓		ok
	BLANK		05	5ml			ok
RA 6-2-10	L18QL2AA ~~L18QZAA~~	6ZA	06	1.25ml/5ml			ok
	L19WW1AA	VAP	07	0.4ml/5ml			ok
	L18QL2AC	6ZA	08	0.25ml/5ml		Tic's	ok
	L18QP2AC	↓	09	0.5ml/5ml		Tic's	ok
	L18QV2AA	↓	10	↓		Tic's	ok
	L184W1AA ~~L1839 1AA~~ RA 6-2-10		11	5ml			ok
	L1839 1AA ~~L184W 1AA~~ RA 6-2-10		12	↓			ok
	L184P 1AJ		13	↓			ok
	L184Q 1AJ		14	↓			ok
	L184T 1AJ		15	↓			ok
	L184W 1AA		16	↓			ok
	L184X 1AA		17	↓			ok
	L184O 1AA		18	↓			ok
	L1841 1AJ		19	↓			ok
	L19WX 1AA		20	5ml			ok
	L18QI 1AA	6ZA	21	5ml			ok
	L19WN 2AA		22	4ml/5ml			ok
	BLANK		23	5ml			–
	L18QL 1AE	6ZA	24	2.5ml/5ml			ok
(M)	L18QP 1AE	↓	25	5ml			ok
	L18QV 1AA	↓	26	↓			ok
	BLANK		UXC9127	5ml	~~[illegible]~~ RA 6-2-10		–
	L1839 1BG	MS	UXC9128	↓	50ml		ok
	L1839 1DH	MSD	UXC9129	↓	↓		ok
						RA 6-3-10	

Analyst: RA
Level 2 review: SAM Date 6-7-10

PDF Made: SAM 6-7-10

TestAmerica Laboratories
pH/Free Chlorine Worksheet

6/14/10 12:43PM

Lot: A0E280605

A0E280605

Sample	Work Order	SAC	Client Sample ID	pH	Free Chlorine
1	L1839-1AA	XX I 25 QK 01	SW-WC1-201005251100	<2	ND
2	L184N-1AJ	XX I 25 QK 01	SW-WC2-201005251200	<2	ND
3	L184P-1AJ	XX I 25 QK 01	SW-WC3-201005251300	<2	ND
4	L184Q-1AJ	XX I 25 QK 01	SW-WC4-201005251400	<2	ND
5	L184T-1AJ	XX I 25 QK 01	DUP01-20100525	<2	ND
6	L184W-1AA	XX I 25 QK 01	SW-FC1-20100526	<2	ND
7	L184X-1AA	XX I 25 QK 01	SW-FC2-20100526	<2	ND
8	L1840-1AA	XX I 25 QK 01	SW-FC3-20100526	<2	ND
9	L1841-1AJ	XX I 25 QK 01	TB01-20100525	<2	ND

Lot/SDG Number: **A0E280605**

Sample Control Chain of Custody - TAL North Canton
GC/MS Volatiles

Lot Number	Sample	Work Order	Analysis Type	Analysis Date	Analyst
A0E280605	1	L18391AA	Volatile Organics, GC/MS (8260B)	06/02/10	Richard Quayle
A0E280605	2	L184N1AJ	Volatile Organics, GC/MS (8260B)	06/02/10	Richard Quayle
A0E280605	3	L184P1AJ	Volatile Organics, GC/MS (8260B)	06/02/10	Richard Quayle
A0E280605	4	L184Q1AJ	Volatile Organics, GC/MS (8260B)	06/02/10	Richard Quayle
A0E280605	5	L184T1AJ	Volatile Organics, GC/MS (8260B)	06/02/10	Richard Quayle
A0E280605	6	L184W1AA	Volatile Organics, GC/MS (8260B)	06/02/10	Richard Quayle
A0E280605	7	L184X1AA	Volatile Organics, GC/MS (8260B)	06/02/10	Richard Quayle
A0E280605	8	L18401AA	Volatile Organics, GC/MS (8260B)	06/02/10	Richard Quayle
A0E280605	9	L18411AJ	Volatile Organics, GC/MS (8260B)	06/02/10	Richard Quayle

METALS DATA

FORMS DATA

TRW Automotive

Client Sample ID: SW-WC1-201005251100

DISSOLVED Metals

Lot-Sample #...: A0E280605-001 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L18391AE
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L18391AF
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AG**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AC
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L18391AH
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L18391AJ
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**6170**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AK**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	**44.2**	**15.0**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AL**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**15900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AM**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AN
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-WC1-201005251100

DISSOLVED Metals

Lot-Sample #...: A0E280605-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AD
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**49.5**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L18391A6**
		Dilution Factor: 1		Analysis Time..: 17:39	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AP
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L18391AQ
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**4880**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L18391AR**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: SW-WC2-201005251200

DISSOLVED Metals

Lot-Sample #...: A0E280605-002 **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184N1AM
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184N1AN
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**13900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AP**
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AK
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184N1AQ
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND E	5000	ug/L	SW846 6010B	06/01-06/02/10	L184N1AR
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**5010**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AT**
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AU
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**11900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AV**
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AW
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-WC2-201005251200

DISSOLVED Metals

Lot-Sample #...: A0E280605-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AL
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**43.9**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184N1AH**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AX
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184N1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**4390**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184N1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

NOTE(S):

E Matrix interference.

TRW Automotive

Client Sample ID: SW-WC3-201005251300

DISSOLVED Metals

Lot-Sample #...: A0E280605-003 **Matrix.....:** WG
Date Sampled...: 05/25/10 13:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184P1AM
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184P1AN
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**14700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AP**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AK
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184P1AQ
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184P1AR
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**5280**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AT**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AU
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**12300**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AV**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AW
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-WC3-201005251300

DISSOLVED Metals

Lot-Sample #...: A0E280605-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AL
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**44.8**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184P1AH**
		Dilution Factor: 1		Analysis Time..: 17:55	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AX
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184P1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**4830**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184P1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: SW-WC4-201005251400

DISSOLVED Metals

Lot-Sample #...: A0E280605-004 **Matrix.....:** WG
Date Sampled...: 05/25/10 14:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AM
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AN
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**15600**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AP**
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AK
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AQ
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AR
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**5590**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AT**
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AU
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AV**
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AW
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				

(Continued on next page)

TRW Automotive

Client Sample ID: SW-WC4-201005251400

DISSOLVED Metals

Lot-Sample #...: A0E280605-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AL
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**48.3**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184Q1AH**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AX
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184Q1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**5000**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184Q1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: DUP01-20100525

DISSOLVED Metals

Lot-Sample #...: A0E280605-005 **Matrix.....:** WG
Date Sampled...: 05/25/10 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184T1AM
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184T1AN
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**14100**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AP**
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AK
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184T1AQ
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184T1AR
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**5040**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AT**
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AU
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**12000**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AV**
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AW
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: DUP01-20100525

DISSOLVED Metals

Lot-Sample #...: A0E280605-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AL
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**43.4**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184T1AH**
		Dilution Factor: 1		Analysis Time..: 18:11	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AX
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184T1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**4350**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184T1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0F010000-031 **Prep Batch #...:** 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L19511AD
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L19511AE
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AF
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AA
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L19511AG
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AC
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AJ
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AK
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AM
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AH
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AL
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/03/10	L19511AP
		Dilution Factor: 1				
		Analysis Time..: 16:32		Analyst ID.....: 001576	Instrument ID..: I8	
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AN
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	

MB Lot-Sample #: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AA
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AC
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-031 **Prep Batch #...:** 0152031					
Chromium	90	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AQ
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Lead	92	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AR
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Barium	90	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AT
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Boron	86	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AU
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Calcium	89	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AV
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Iron	91	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AW
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Potassium	90	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AX
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Magnesium	88	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A0
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Manganese	94	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A1
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Sodium	88	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A2
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	93	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A3
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Zinc	96	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A4
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Strontium	90	(80 - 120)	SW846 6020	06/01-06/03/10	L19511A5
		Dilution Factor: 1	Analysis Time..: 16:36	Analyst ID.....: 001576	
		Instrument ID..: I8			

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	102	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AD
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			
Silica	98	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AE
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-031 **Prep Batch #...:** 0152031							
Chromium	200	180	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AQ
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Lead	500	459	ug/L	92	SW846 6010B	06/01-06/02/10	L19511AR
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Barium	2000	1790	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AT
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Boron	1000	859	ug/L	86	SW846 6010B	06/01-06/02/10	L19511AU
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Calcium	50000	44700	ug/L	89	SW846 6010B	06/01-06/02/10	L19511AV
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Iron	1000	906	ug/L	91	SW846 6010B	06/01-06/02/10	L19511AW
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Potassium	50000	44900	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AX
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Magnesium	50000	44100	ug/L	88	SW846 6010B	06/01-06/02/10	L19511A0
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Manganese	500	469	ug/L	94	SW846 6010B	06/01-06/02/10	L19511A1
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Sodium	50000	44000	ug/L	88	SW846 6010B	06/01-06/02/10	L19511A2
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	500	463	ug/L	93	SW846 6010B	06/01-06/02/10	L19511A3
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Zinc	500	478	ug/L	96	SW846 6010B	06/01-06/02/10	L19511A4
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Strontium	100	90.4	ug/L	90	SW846 6020	06/01-06/03/10	L19511A5
			Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 001576	
			Instrument ID..: I8				

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	1000	1020	ug/L	102	SW846 6010B	06/03-06/04/10	L2DVH1AD
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				
Silica	21400	20900	ug/L	98	SW846 6010B	06/03-06/04/10	L2DVH1AE
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280605-001 **Prep Batch #...:** 0152031							
Barium	98	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CC
	99	(75 - 125)	0.40	(0-20)	SW846 6010B	06/01-06/02/10	L18391CD
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Boron	96	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CE
	97	(75 - 125)	0.86	(0-20)	SW846 6010B	06/01-06/02/10	L18391CF
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Calcium	100	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CG
	98	(75 - 125)	2.0	(0-20)	SW846 6010B	06/01-06/02/10	L18391CH
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Chromium	98	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391A7
	99	(75 - 125)	0.69	(0-20)	SW846 6010B	06/01-06/02/10	L18391A8
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Iron	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CJ
	99	(75 - 125)	0.27	(0-20)	SW846 6010B	06/01-06/02/10	L18391CK
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Lead	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391A9
	100	(75 - 125)	0.85	(0-20)	SW846 6010B	06/01-06/02/10	L18391CA
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Magnesium	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CN
	98	(75 - 125)	1.4	(0-20)	SW846 6010B	06/01-06/02/10	L18391CP
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Manganese	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CQ
	102	(75 - 125)	0.49	(0-20)	SW846 6010B	06/01-06/02/10	L18391CR
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CV
	103	(75 - 125)	1.2	(0-20)	SW846 6010B	06/01-06/02/10	L18391CW
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Potassium	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CL
	99	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/02/10	L18391CM
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Sodium	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CT
	95	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/02/10	L18391CU
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Strontium	97	(20 - 192)			SW846 6020	06/01-06/03/10	L18391C1
	100	(20 - 192)	2.1	(0-20)	SW846 6020	06/01-06/03/10	L18391C2
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: I8	Analyst ID.....: 001576	
Zinc	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CX
	104	(75 - 125)	1.6	(0-20)	SW846 6010B	06/01-06/02/10	L18391C0
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

MS Lot-Sample #: A0E280605-001 **Prep Batch #...:** 0152031

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	ND	2000	2030	ug/L	98		SW846 6010B	06/01-06/02/10	L18391CC
	ND	2000	2040	ug/L	99	0.40	SW846 6010B	06/01-06/02/10	L18391CD
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Boron									
	ND	1000	957	ug/L	96		SW846 6010B	06/01-06/02/10	L18391CE
	ND	1000	966	ug/L	97	0.86	SW846 6010B	06/01-06/02/10	L18391CF
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Calcium									
	16700	50000	66900	ug/L	100		SW846 6010B	06/01-06/02/10	L18391CG
	16700	50000	65600	ug/L	98	2.0	SW846 6010B	06/01-06/02/10	L18391CH
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Chromium									
	ND	200	196	ug/L	98		SW846 6010B	06/01-06/02/10	L18391A7
	ND	200	197	ug/L	99	0.69	SW846 6010B	06/01-06/02/10	L18391A8
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Iron									
	ND	1000	991	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CJ
	ND	1000	994	ug/L	99	0.27	SW846 6010B	06/01-06/02/10	L18391CK
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Lead									
	ND	500	496	ug/L	99		SW846 6010B	06/01-06/02/10	L18391A9
	ND	500	501	ug/L	100	0.85	SW846 6010B	06/01-06/02/10	L18391CA
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Magnesium									
	6170	50000	55800	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CN
	6170	50000	55000	ug/L	98	1.4	SW846 6010B	06/01-06/02/10	L18391CP
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese									
	44.2	500	554	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CQ
	44.2	500	557	ug/L	102	0.49	SW846 6010B	06/01-06/02/10	L18391CR
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Nickel									
	ND	500	510	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CV
	ND	500	516	ug/L	103	1.2	SW846 6010B	06/01-06/02/10	L18391CW
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Potassium									
	ND	50000	53900	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CL
	ND	50000	52400	ug/L	99	2.8	SW846 6010B	06/01-06/02/10	L18391CM
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Sodium									
	15900	50000	65400	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CT
	15900	50000	63600	ug/L	95	2.8	SW846 6010B	06/01-06/02/10	L18391CU
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Strontium									
	49.5	100	147	ug/L	97		SW846 6020	06/01-06/03/10	L18391C1
	49.5	100	150	ug/L	100	2.1	SW846 6020	06/01-06/03/10	L18391C2
			Dilution Factor: 1						
			Analysis Time..: 17:43		Instrument ID..: I8			Analyst ID.....: 001576	
Zinc									
	ND	500	519	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CX
	ND	500	527	ug/L	104	1.6	SW846 6010B	06/01-06/02/10	L18391C0
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092							
Lithium	105	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CM
	103	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CN
		Dilution Factor: 1					
		Analysis Time..: 12:26			Instrument ID..: 6500ICP	Analyst ID.....: 22952	
Silica	99	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CQ
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CR
		Dilution Factor: 1					
		Analysis Time..: 00:00			Instrument ID..: 6500ICP	Analyst ID.....: 22952	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lithium									
	ND	1000	1050	ug/L	105		SW846 6010B	06/03-06/04/10	L179V1CM
	ND	1000	1030	ug/L	103	1.8	SW846 6010B	06/03-06/04/10	L179V1CN
			Dilution Factor: 1						
			Analysis Time..: 12:26		Instrument ID..: 6500ICP			Analyst ID.....: 22952	
Silica									
	10100	21400	31200	ug/L	99		SW846 6010B	06/03-06/04/10	L179V1CQ
	10100	21400	30700	ug/L	96	1.8	SW846 6010B	06/03-06/04/10	L179V1CR
			Dilution Factor: 1						
			Analysis Time..: 00:00		Instrument ID..: 6500ICP			Analyst ID.....: 22952	

NOTE(S):

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

TestAmerica North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPST **Units:** ug/L

Chart Number: I50602A.ARC **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	ICV 6/2/2010 9:02 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	493.409	1000.0	1003.43	**100.3**								
Boron	249.678	1000.0	1023.04	**102.3**								
Calcium	317.933	25000.0	25009.55	**100.0**								
Chromium	267.716	1000.0	1017.88	**101.8**								
Iron	271.441	12500.0	12753.79	**102.0**								
Lead	220.353	250.0	257.15	**102.9**								
Magnesium	279.078	25000.0	24621.35	**98.5**								
Manganese	257.61	1000.0	1025.85	**102.6**								
Nickel	231.604	1000.0	1014.28	**101.4**								
Potassium	766.491	25000.0	24279.17	**97.1**								
Sodium	330.232	25000.0	24850.45	**99.4**								
Zinc	213.856	1000.0	1029.12	**102.9**								

TestAmerica North Canton

Metals Data Reporting Form

Initial Calibration Verification Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: I80603A.csv **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	ICV 6/3/2010 12:55 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Strontium	88	80.0	81.62	**102.0**								

TestAmerica North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPST **Units:** ug/L

Chart Number: I50602A.ARC **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	CCV 6/2/2010 9:32 AM Found	% Rec	CCV 6/2/2010 11:54 AM Found	% Rec	CCV 6/2/2010 1:05 PM Found	% Rec	CCV 6/2/2010 2:24 PM Found	% Rec	CCV 6/2/2010 3:40 PM Found	% Rec
Barium	493.409	2000.0	2032.63	**101.6**	2010.81	**100.5**	1988.86	**99.4**	1992.26	**99.6**	1977.86	**98.9**
Boron	249.678	5000.0	5173.25	**103.5**	4916.01	**98.3**	4750.79	**95.0**	4688.28	**93.8**	4621.99	**92.4**
Calcium	317.933	50000.0	50774.09	**101.5**	49963.09	**99.9**	49449.58	**98.9**	49252.90	**98.5**	49066.37	**98.1**
Chromium	267.716	2000.0	2024.75	**101.2**	1993.22	**99.7**	1976.10	**98.8**	1967.65	**98.4**	1962.38	**98.1**
Iron	271.441	25000.0	25634.27	**102.5**	24887.81	**99.6**	24381.27	**97.5**	24162.95	**96.7**	23911.94	**95.6**
Lead	220.353	500.0	526.47	**105.3**	515.75	**103.2**	511.68	**102.3**	508.66	**101.7**	506.00	**101.2**
Magnesium	279.078	50000.0	50552.32	**101.1**	49876.13	**99.8**	49384.04	**98.8**	49178.82	**98.4**	49003.16	**98.0**
Manganese	257.61	2000.0	2071.99	**103.6**	2075.28	**103.8**	2062.09	**103.1**	2058.51	**102.9**	2039.75	**102.0**
Nickel	231.604	2000.0	1992.24	**99.6**	2030.00	**101.5**	2054.10	**102.7**	2060.55	**103.0**	2056.25	**102.8**
Potassium	766.491	50000.0	50197.50	**100.4**	50070.78	**100.1**	49758.54	**99.5**	49830.30	**99.7**	49720.70	**99.4**
Sodium	330.232	50000.0	48424.98	**96.8**	48015.91	**96.0**	47423.29	**94.8**	47427.57	**94.9**	47166.58	**94.3**
Zinc	213.856	2000.0	2024.80	**101.2**	2032.49	**101.6**	2034.86	**101.7**	2030.83	**101.5**	2024.73	**101.2**

TestAmerica North Canton

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICPMS **Units:** ug/L

Chart Number: I80603A.csv **Acceptable Range:** 90% - 110%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	CCV 6/3/2010 1:14 PM		CCV 4 6/3/2010 4:24 PM		CCV 5 6/3/2010 5:12 PM		CCV 6 6/3/2010 5:59 PM		CCV 7 6/3/2010 6:48 PM	
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Strontium	88	100.0	98.94	**98.9**	98.73	**98.7**	98.60	**98.6**	97.79	**97.8**	98.84	**98.8**

5.04.5 *Form 2A Equivalent*

TestAmerica North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPST **Units:** ug/L

Chart Number: I50602A.ARC **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	CRI\MRL 6/2/2010 9:14 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	493.409	10.0	9.81	**98.1**								
Boron	249.678	200.0	207.54	**103.8**								
Calcium	317.933	5000.0	5038.48	**100.8**								
Chromium	267.716	5.0	4.75	**95.0**								
Iron	271.441	300.0	301.59	**100.5**								
Lead	220.353	10.0	10.87	**108.7**								
Magnesium	279.078	5000.0	4881.97	**97.6**								
Manganese	257.61	15.0	15.57	**103.8**								
Nickel	231.604	25.0	26.73	**106.9**								
Potassium	766.491	5000.0	4695.69	**93.9**								
Sodium	330.232	5000.0	5085.62	**101.7**								
Zinc	213.856	40.0	41.54	**103.8**								

TestAmerica North Canton

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICPMS **Units:** ug/L

Chart Number: I80603A.csv **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	CRI 6/3/2010 1:03 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Strontium	88	10.0	9.78	**97.8**								

TestAmerica North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: I50602A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 6/2/2010 9:08 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Barium	493.409	200	0.3	U								
Boron	249.678	200	**10.6**	**B**								
Calcium	317.933	5000	8.2	U								
Chromium	267.716	5	1.4	U								
Iron	271.441	100	29.6	U								
Lead	220.353	3	1.5	U								
Magnesium	279.078	5000	14.8	U								
Manganese	257.61	15	0.3	U								
Nickel	231.604	40	2.3	U								
Potassium	766.491	5000	**140.0**	**B**								
Sodium	330.232	5000	750.0	U								
Zinc	213.856	20	1.1	U								

U Result is less than the IDL

B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: I80603A.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB 6/3/2010 12:59 PM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Strontium	88	10	0.035	U								

U Result is less than the IDL

B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPST **Units:** ug/L

Chart Number: I50602A.ARC

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 6/2/2010 9:38 AM		CCB 6/2/2010 12:00 PM		CCB 6/2/2010 1:11 PM		CCB 6/2/2010 2:30 PM		CCB 6/2/2010 3:45 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Barium	493.409	200	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Boron	249.678	200	**13.5**	**B**	**12.3**	**B**	10.5	U	10.5	U	10.5	U
Calcium	317.933	5000	8.2	U	8.2	U	**-12.0**	**B**	**-11.0**	**B**	8.2	U
Chromium	267.716	5	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Iron	271.441	100	29.6	U	29.6	U	29.6	U	29.6	U	29.6	U
Lead	220.353	3	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Magnesium	279.078	5000	14.8	U	14.8	U	14.8	U	14.8	U	14.8	U
Manganese	257.61	15	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U
Nickel	231.604	40	2.3	U	2.3	U	2.3	U	2.3	U	2.3	U
Potassium	766.491	5000	**175.0**	**B**	**186.0**	**B**	**172.0**	**B**	**165.0**	**B**	**174.0**	**B**
Sodium	330.232	5000	750.0	U	750.0	U	750.0	U	750.0	U	750.0	U
Zinc	213.856	20	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U

U Result is less than the IDL

B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Continuing Calibration Blank Results

Instrument: ICPMS **Units:** ug/L

Chart Number: I80603A.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB 6/3/2010 1:18 PM		CCB 4 6/3/2010 4:28 PM		CCB 5 6/3/2010 5:16 PM		CCB 6 6/3/2010 6:04 PM		CCB 7 6/3/2010 6:52 PM	
			Found	**Q**	**Found**	**Q**	**Found**	**Q**	**Found**	**Q**	**Found**	**Q**
Strontium	88	10	0.035	U	**0.14**	**B**	**0.09**	**B**	**0.1**	**B**	**0.11**	**B**

U Result is less than the IDL

B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPST **Units:** ug/L

Chart Number: I50602A.ARC **Acceptable Range:** 0% - 0%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 6/2/2010 9:20 AM Found	Found	Found	Found	Found
Barium	493.409	200		2				
Boron	249.678	200		5				
Calcium	317.933		500000	498000				
Chromium	267.716	5		1				
Iron	271.441		200000	198000				
Lead	220.353	3		-1				
Magnesium	279.078		500000	506000				
Manganese	257.61	15		4				
Nickel	231.604	40		3				
Potassium	766.491	5000		174				
Sodium	330.232	5000		388				
Zinc	213.856	20		-7				

U Result is less than the IDL
B Result is between IDL and RL

Form 4 Equivalent

TestAmerica North Canton

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICPMS **Units:** ug/L

Chart Number: I80603A.csv **Acceptable Range:** 0% - 0%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 6/3/2010 1:06 PM				
				Found	Found	Found	Found	Found
Strontium	88	10		3				

U Result is less than the IDL

B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPST **Units:** ug/L

Chart Number: I50602A.ARC **Acceptable Range:** 80% - 120%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	ICSAB 6/2/2010 9:26 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Barium	493.409	500	519.7	**103.9**								
Boron	249.678	1000	1039.5	**104.0**								
Calcium	317.933	500000	491222.9	**98.2**								
Chromium	267.716	500	488.3	**97.7**								
Iron	271.441	200000	195034.4	**97.5**								
Lead	220.353	1000	983.3	**98.3**								
Magnesium	279.078	500000	500995.1	**100.2**								
Manganese	257.61	500	506.5	**101.3**								
Nickel	231.604	1000	957.2	**95.7**								
Potassium	766.491	10000	10549.6	**105.5**								
Sodium	330.232	10000	10741.2	**107.4**								
Zinc	213.856	1000	1007.6	**100.8**								

N Spike recovery failed
NC Percent recovery was not calculated
U Result is less than the IDL

Form 4 Equivalent

TestAmerica North Canton

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICPMS **Units:** ug/L

Chart Number: I80603A.csv **Acceptable Range:** 50% - 150%

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	True Conc	ICSAB 6/3/2010 1:10 PM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Strontium	88	100	99.0	**99.0**								

N Spike recovery failed
NC Percent recovery was not calculated
U Result is less than the IDL

TestAmerica North Canton

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: L184NFL

Original Sample ID: L184NF **Client ID:** SW-WC2-201005251200

Matrix: Water **Units:** ug/L **Prep Date:** 6/1/2010 **Prep Batch:** 0152031

Weight: NA **Volume:** NA **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Barium	493.409	61.9	B	61.6	B	0.5	1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Boron	249.678	20.7	B	52.5	U		1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Calcium	317.933	13900		14100	B	1.2	1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Chromium	267.716	1.4	U	7.0	U		1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Iron	271.441	50.7	B	148	U		1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Lead	220.353	1.5	U	7.5	U		1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Magnesium	279.078	5010		5030	B	0.5	1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Manganese	257.61	5.1	B	5.9	B		1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Nickel	231.604	2.3	U	11.5	U		1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Potassium	766.491	2370	B	2960	B E	25.0	1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Sodium	330.232	11900		12200	B		1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04
Zinc	213.856	10.1	B	13.3	B		1	5	ICPST	6/2/2010	14:59	6/2/2010	15:04

Comments:

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

TestAmerica North Canton

Metals Data Reporting Form

Serial Dilution RPD Report

Serial Dilution Sample ID: L184TFL

Original Sample ID: L184TF **Client ID:** DUP01-20100525

Matrix: Water **Units:** ug/L **Prep Date:** 6/1/2010 **Prep Batch:** 0152031

Weight: NA **Volume:** NA **Percent Moisture:** NA

Element	WL/ Mass	OS Conc	Q	Serial Dilution Conc	Q	Percent Diff	OS DF	Ser Dil DF	Instr	OS Anal Date	OS Anal Time	Ser Dil Anal Date	Ser Dil Anal Time
Strontium	88	43.4		44.5	B		1	5	ICPMS	6/3/2010	18:11	6/3/2010	18:15

Comments:

5.04.5

E Serial dilution percent difference not within limits
U Result is less than the IDL
B Result is between IDL and RL

Form 9 Equivalent

TestAmerica North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICPST **Units:** ppb

Element	Wavelength	Reporting Limit	IDL	Date of IDL
Barium	493.409	200.0	0.29	5/17/2010
Boron	249.678	200.0	10.5	5/17/2010
Calcium	317.933	5000.0	8.2	5/17/2010
Chromium	267.716	5.0	1.4	5/17/2010
Iron	271.441	100.0	29.6	5/17/2010
Lead	220.353	3.0	1.5	5/17/2010
Magnesium	279.078	5000.0	14.8	5/17/2010
Manganese	257.610	15.0	0.27	5/17/2010
Nickel	231.604	40.0	2.3	5/17/2010
Potassium	766.491	5000.0	33.6	5/17/2010
Sodium	330.232	5000.0	750	5/17/2010
Zinc	213.856	20.0	1.1	5/17/2010

TestAmerica North Canton

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICPMS **Units:** ppb

Element	Mass	Reporting Limit	IDL	Date of IDL
Strontium	88	10.0	0.035	4/23/2010

TestAmerica North Canton

Metals Data Reporting Form

Inter-Element Correction Factors

Instrument: ICPST **Date of IEC's:** 5/17/2010

Interfering Element	Wavelength /Mass	Correction Factor(s)
Aluminum	308.215	Cd(0.000004), Pb(-0.00002667), Sb(-0.00000667), Se(0.00000267), Tl(-0.00002), Zn(0.000011)
Chromium	267.716	As(-0.00374), Fe(0.001539), Sb(0.01374733), Tl(0.000317)
Copper	324.753	Pb(0.00025133), Zn(0.000506)
Iron	271.441	As(0.000006), Cd(0.000062), Mn(0.000006), Mo(-0.00001), Pb(0.000036), Sb(0.00002267), Se(-0.00017333), Tl(-0.00004), V(0.000027), Zn(0.000106)
Manganese	257.61	Ag(0.000126), Al(0.000266), Mg(-0.00193), Pb(0.00005733), Se(0.00056933), Tl(-0.0006)
Molybdenum	202.03	Al(0.059666), As(-0.00163), Cr(-0.00017), Cu(0.000347), Fe(0.002719), Pb(-0.00075), Sb(-0.00678567), V(-0.00106)
Nickel	231.604	Cd(0.000027), Co(0.00022), Pb(0.000249), Sb(-0.00278), Zn(0.006316)
Titanium	334.941	Be(-0.00154)
Vanadium	292.402	Al(0.026359), Be(0.000192), Cr(0.000165), Cu(-0.0005), Fe(0.012236), Pb(-0.00014), Sb(-0.00009333), Tl(0.002686)

TestAmerica North Canton

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICPST **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Barium	493.41	25000	5/17/2010
Boron	249.68	20000	5/17/2010
Calcium	317.93	600000	5/17/2010
Chromium	267.72	50000	5/17/2010
Iron	271.44	600000	5/17/2010
Lead	220.35	15000	5/17/2010
Magnesium	279.08	600000	5/25/2010
Manganese	257.61	25000	5/17/2010
Nickel	231.60	50000	5/17/2010
Potassium	766.49	600000	5/25/2010
Sodium	330.23	600000	5/17/2010
Zinc	213.86	10000	5/17/2010

TestAmerica North Canton

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICPMS **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Strontium	88.00	10000	9/29/2009

Batch Number: **0152031**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By: Lisa McGall (e-Signature)

Prep Date: 06/01/10
Due Date: 06/08/10

Lot	Work Order			ICP Weight	ICPMS Weight	Hg Weight
A0F010000 Water	L1951	B	Due Date: SDG:	50 mL	50 mL	
A0F010000 Water	L1951	C	Due Date: SDG:	50 mL	50 mL	
A0E270580 Water	L16NF Dissolved		Due Date: 06/08/10 SDG: 0E25574		50 mL	
A0E270580 Water	L16NF Total		Due Date: 06/08/10 SDG: 0E25574		50 mL	
A0E270580 Water	L16NG Dissolved		Due Date: 06/08/10 SDG: 0E25574		50 mL	
A0E270580 Water	L16NG Total		Due Date: 06/08/10 SDG: 0E25574		50 mL	
A0E270580 Water	L16NJ Dissolved		Due Date: 06/08/10 SDG: 0E25574		50 mL	
A0E270580 Water	L16NJ Total		Due Date: 06/08/10 SDG: 0E25574		50 mL	
A0E280596 Water	L183M Dissolved		Due Date: 06/08/10 SDG: 0E25574		50 mL	
A0E280596 Water	L183M Total		Due Date: 06/08/10 SDG: 0E25574		50 mL	
A0E290423 Water	L19LR Total		Due Date: 06/09/10 SDG:		50 mL	
A0E290423 Water	L19LT Total		Due Date: 06/09/10 SDG:		50 mL	
A0E290423 Water	L19LV Total		Due Date: 06/09/10 SDG:		50 mL	
A0E290423 Water	L19LW Total		Due Date: 06/09/10 SDG:		50 mL	
A0E290423 Water	L19LX Total		Due Date: 06/09/10 SDG:		50 mL	
A0E280605 Water	L1839 Dissolved		Due Date: 06/10/10 SDG:	50 mL	50 mL	
A0E280605 Water	L1839 Dissolved	S	Due Date: 06/10/10 SDG:	50 mL	50 mL	
A0E280605 Water	L1839 Dissolved	D	Due Date: 06/10/10 SDG:	50 mL	50 mL	
A0E280605 Water	L1839 Total	*spike	Due Date: 06/10/10 SDG:		50 mL	
A0E280605 Water	L1839 Total	S *spike	Due Date: 06/10/10 SDG:		50 mL	
A0E280605 Water	L1839 Total	D *spike	Due Date: 06/10/10 SDG:		50 mL	
A0E280605 Water	L184N Dissolved		Due Date: 06/10/10 SDG:	50 mL	50 mL	

Batch Number: **0152031**

TestAmerica Laboratories, Inc.
Metals Prep Log/ Batch Summary

Prepared By:
Lisa McGall
(e-Signature)

Prep Date: 06/01/10
Due Date: 06/08/10

Lot	Work Order		ICP Weight	ICPMS Weight	Hg Weight
A0E280605 Water	L184P Dissolved	Due Date: 06/10/10 SDG:	50 mL	50 mL	
A0E280605 Water	L184Q Dissolved	Due Date: 06/10/10 SDG:	50 mL	50 mL	
A0E280605 Water	L184T Dissolved	Due Date: 06/10/10 SDG:	50 mL	50 mL	

LEVEL 2

BLANK AND CHECK STANDARD ON BATCH	X
MS/MSD AND PDS ON BATCH	X
CORRECT SPIKES ADDED	X
SPIKING SOLUTIONS DOCUMENTED ON BATCH LOG	X

Comments:

B-BLANK; C-CHECK SAMPLE; L-CHECK SAMPLE DUPLICATE; P-SERIAL DILUTION; S-MATRIX SPIKE SAMPLE; D-MATRIX SPIKE DUPLICATE SAMPLE

Unless otherwise noted, final volumes are as follows: Soils - 100 mL. Waters - ICP and ICPMS - 50 mL, Hg - 100 mL.

Low Level Hg: final volumes are 40 mL.

ICP ELEMENTS WITHIN THE BATCH:

BA BX CA CR FE KX MG MN NA NI PB ZN

ICPMS ELEMENTS WITHIN THE BATCH:

AS CO FE MN SR

Matrix Spike Information:

L1839 ICP-1 ICP-2A ICPMS-1 ICPMS-2

Check Sample Information:

L1951 ICP-1 ICP-2A ICPMS-1 ICPMS-2

Prep Method(s): SW846 3005A

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:       Instrument Upload                                   Run Log - Page  1 :
:       Started Wed Jun  2 12:14:13 2010 by MUSSELMN                          :
:       Data File: UPL$CAN_DATA_ROOT:<TJA>I50602A.ARC;1                       :
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
1	STD1	1	02-JUN-2010	08:46:00			I5
2	CALSTD	1	02-JUN-2010	08:52:00			I5
3	CAL	1	02-JUN-2010	08:58:00			I5
4	ICV	1	02-JUN-2010	09:02:00			I5
5	ICB	1	02-JUN-2010	09:08:00			I5
6	CRI\MRL	1	02-JUN-2010	09:14:00			I5
7	ICSA	1	02-JUN-2010	09:20:00			I5
8	ICSAB	1	02-JUN-2010	09:26:00			I5
9	CCV	1	02-JUN-2010	09:32:00			I5
10	CCB	1	02-JUN-2010	09:38:00			I5
11	L1955B	1	02-JUN-2010	09:44:00	0152033	A0F010000	I5
12	L1955C	1	02-JUN-2010	09:50:00	0152033	A0F010000	I5
13	L18V8	1	02-JUN-2010	09:56:00	0152033	A0E280572	I5
14	L17RL	1	02-JUN-2010	10:02:00	0152033	0E26497	I5
15	L170D	1	02-JUN-2010	10:08:00	0152033	A0E280469	I5
16	L170DS	1	02-JUN-2010	10:14:00	0152033	A0E280469	I5
17	L170DD	1	02-JUN-2010	10:20:00	0152033	A0E280469	I5
18	L170L	1	02-JUN-2010	10:25:00	0152033	A0E280469	I5
19	L18P3F	1	02-JUN-2010	10:31:00	0152033	A0E280548	I5
20	L18QDF	1	02-JUN-2010	10:37:00	0152033	A0E280548	I5
21	CCV	1	02-JUN-2010	10:43:00			I5
22	CCB	1	02-JUN-2010	10:49:00			I5
23	L18QLF	1	02-JUN-2010	10:55:00	0152033	A0E280548	I5
24	L18QPF	1	02-JUN-2010	11:01:00	0152033	A0E280548	I5
25	L18Q3F	1	02-JUN-2010	11:07:00	0152033	A0E280548	I5
26	L19JE	1	02-JUN-2010	11:13:00	0152033	0E26497	I5
27	L19QL	1	02-JUN-2010	11:19:00	0152033	OE26503	I5
28	L19QLL	1	02-JUN-2010	11:24:00			I5
29	L195MB	1	02-JUN-2010	11:30:00	0152026	A0F010000	I5
30	L195MC	1	02-JUN-2010	11:36:00	0152026	A0F010000	I5
31	L1730	1	02-JUN-2010	11:42:00	0152026	A0E280489	I5
32	L1730S	1	02-JUN-2010	11:48:00	0152026	A0E280489	I5
33	CCV	1	02-JUN-2010	11:54:00			I5
34	CCB	1	02-JUN-2010	12:00:00			I5
35	L1730D	1	02-JUN-2010	12:06:00	0152026	A0E280489	I5
36	L19D9	1	02-JUN-2010	12:12:00	0152026	A0E280625	I5
37	L19ED	1	02-JUN-2010	12:18:00	0152026	A0E280625	I5
38	L19EF	1	02-JUN-2010	12:24:00	0152026	A0E280625	I5
39	L19EFL	1	02-JUN-2010	12:29:00			I5
40	L17T2	1	02-JUN-2010	12:35:00	0152026	A0E280457	I5
41	L17VM	1	02-JUN-2010	12:41:00	0152026	A0E280457	I5
42	L17VN	1	02-JUN-2010	12:47:00	0152026	A0E280457	I5
43	L1951BF	1	02-JUN-2010	12:53:00	0152031	A0F010000	I5
44	L1951CF	1	02-JUN-2010	12:59:00	0152031	A0F010000	I5

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:       Instrument Upload                                   Run Log - Page  2 :
:       Started Thu Jun  3 09:07:35 2010 by MUSSELMN                           :
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
45	CCV	1	02-JUN-2010	13:05:00			I5
46	CCB	1	02-JUN-2010	13:11:00			I5
47	L2AKEBT	1	02-JUN-2010	13:25:00			I5
48	L2A89BT	1	02-JUN-2010	13:31:00			I5
49	L16QXT	1	02-JUN-2010	13:37:00			I5
50	L16Q2TS	5	02-JUN-2010	13:43:00			I5
51	L16Q2TD	5	02-JUN-2010	13:49:00			I5
52	L16Q4T	1	02-JUN-2010	13:55:00			I5
53	L16Q5T	1	02-JUN-2010	14:01:00			I5
54	L16Q2T	1	02-JUN-2010	14:07:00			I5
55	L16Q2TL	1	02-JUN-2010	14:13:00			I5
56	L2A89CT	1	02-JUN-2010	14:18:00			I5
57	CCV	1	02-JUN-2010	14:24:00			I5
58	CCB	1	02-JUN-2010	14:30:00			I5
59	L1839F	1	02-JUN-2010	14:41:00	0152031	A0E280605	I5
60	L1839SF	1	02-JUN-2010	14:47:00	0152031	A0E280605	I5
61	L1839DF	1	02-JUN-2010	14:53:00	0152031	A0E280605	I5
62	L184NF	1	02-JUN-2010	14:59:00	0152031	A0E280605	I5
63	L184NFL	1	02-JUN-2010	15:04:00			I5
64	L184PF	1	02-JUN-2010	15:10:00	0152031	A0E280605	I5
65	L184QF	1	02-JUN-2010	15:16:00	0152031	A0E280605	I5
66	L184TF	1	02-JUN-2010	15:22:00	0152031	A0E280605	I5
67	L195KB	1	02-JUN-2010	15:28:00	0152023	A0F010000	I5
68	L195KC	1	02-JUN-2010	15:34:00	0152023	A0F010000	I5
69	CCV	1	02-JUN-2010	15:40:00			I5
70	CCB	1	02-JUN-2010	15:45:00			I5
71	L188V	1	02-JUN-2010	15:51:00	0152023	A0E280625	I5
72	L188VL	1	02-JUN-2010	15:57:00			I5
73	L188VS	1	02-JUN-2010	16:03:00	0152023	A0E280625	I5
74	L188VD	1	02-JUN-2010	16:09:00	0152023	A0E280625	I5
75	L1886	1	02-JUN-2010	16:15:00	0152023	A0E280625	I5
76	L189A	1	02-JUN-2010	16:20:00	0152023	A0E280625	I5
77	L189D	1	02-JUN-2010	16:26:00	0152023	A0E280625	I5
78	L189F	1	02-JUN-2010	16:32:00	0152023	A0E280625	I5
79	L189H	1	02-JUN-2010	16:38:00	0152023	A0E280625	I5
80	L19AC	1	02-JUN-2010	16:44:00	0152023	A0E280625	I5
81	CCV	1	02-JUN-2010	16:50:00			I5
82	CCB	1	02-JUN-2010	16:56:00			I5
83	L19AD	1	02-JUN-2010	17:01:00	0152023	A0E280625	I5
84	L19AE	1	02-JUN-2010	17:07:00	0152023	A0E280625	I5
85	L19AK	1	02-JUN-2010	17:13:00	0152023	A0E280625	I5
86	L19AP	1	02-JUN-2010	17:19:00	0152023	A0E280625	I5
87	L19AV	1	02-JUN-2010	17:25:00	0152023	A0E280625	I5
88	L19CA	1	02-JUN-2010	17:31:00	0152023	A0E280625	I5

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:       Instrument Upload                                   Run Log - Page  1 :
:       Started Fri Jun  4 05:23:10 2010 by TOTHR                             :
:       Data File: UPL$CAN_DATA_ROOT:<REP>I80603A.CSV;1                       :
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
1	STD1	1	03-JUN-2010	12:39:35			I8
2	STD2	1	03-JUN-2010	12:43:19			I8
3	STD3	1	03-JUN-2010	12:47:15			I8
4	STD4	1	03-JUN-2010	12:51:21			I8
5	ICV	1	03-JUN-2010	12:55:09			I8
6	ICB	1	03-JUN-2010	12:59:13			I8
7	CRI	1	03-JUN-2010	13:03:10			I8
8	ICSA	1	03-JUN-2010	13:06:58			I8
9	ICSAB	1	03-JUN-2010	13:10:51			I8
10	CCV	1	03-JUN-2010	13:14:53			I8
11	CCB	1	03-JUN-2010	13:18:50			I8
12	L17A1B	1	03-JUN-2010	13:22:35	0148016	A0E280000	I8
13	L17A1C	1	03-JUN-2010	13:26:22	0148016	A0E280000	I8
14	L145V	1	03-JUN-2010	13:30:39	0148016	A0E270408	I8
15	L146G	1	03-JUN-2010	13:34:32	0148016	A0E270408	I8
16	L146H	1	03-JUN-2010	13:38:19	0148016	A0E270408	I8
17	L146J	1	03-JUN-2010	13:42:16	0148016	A0E270408	I8
18	L146K	1	03-JUN-2010	13:46:13	0148016	A0E270408	I8
19	L146Q	1	03-JUN-2010	13:50:03	0148016	A0E270408	I8
20	L146QS	1	03-JUN-2010	13:53:51	0148016	A0E270408	I8
21	L146QD	1	03-JUN-2010	13:57:42	0148016	A0E270408	I8
22	CCV	1	03-JUN-2010	14:01:37			I8
23	CCB	1	03-JUN-2010	14:05:49			I8
24	L146V	1	03-JUN-2010	14:09:37	0148016	A0E270408	I8
25	L152K	1	03-JUN-2010	14:13:27	0148016	A0E270498	I8
26	L152KS	1	03-JUN-2010	14:17:13	0148016	A0E270498	I8
27	L152KD	1	03-JUN-2010	14:21:39	0148016	A0E270498	I8
28	L16HE	1	03-JUN-2010	14:25:43	0148016	A0E270559	I8
29	L1VNQB	1	03-JUN-2010	14:29:34	0141014	A0E210000	I8
30	L1VNQC	1	03-JUN-2010	14:33:19	0141014	A0E210000	I8
31	L1P8X	1	03-JUN-2010	14:37:47	0141014	0E19488	I8
32	L1P8XL	1	03-JUN-2010	14:41:39			I8
33	L1P82	1	03-JUN-2010	14:45:31	0141014	0E19488	I8
34	CCV	1	03-JUN-2010	14:49:18			I8
35	CCB	1	03-JUN-2010	14:53:57			I8
36	L1P83	1	03-JUN-2010	14:57:51	0141014	0E19488	I8
37	L1P86	1	03-JUN-2010	15:01:48	0141014	0E19488	I8
38	L1P87	1	03-JUN-2010	15:05:41	0141014	0E19488	I8
39	L1P88	1	03-JUN-2010	15:09:36	0141014	0E19488	I8
40	L1TRF	1	03-JUN-2010	15:13:26	0141014	0E19488	I8
41	L1TRL	1	03-JUN-2010	15:17:20	0141014	0E19488	I8
42	L1TRM	1	03-JUN-2010	15:21:19	0141014	0E19488	I8
43	L1TRN	1	03-JUN-2010	15:25:07	0141014	0E19488	I8
44	L1TRP	1	03-JUN-2010	15:28:56	0141014	0E19488	I8

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:       Instrument Upload                                   Run Log - Page  2 :
:       Started Fri Jun  4 05:23:10 2010 by TOTHR                              :
:       Data File: UPL$CAN_DATA_ROOT:<REP>I80603A.CSV;1                        :
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#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
45	L1TRR	1	03-JUN-2010	15:32:59	0141014	0E19488	I8
46	CCV	1	03-JUN-2010	15:37:11			I8
47	CCB	1	03-JUN-2010	15:41:13			I8
48	L1TRV	1	03-JUN-2010	15:45:08	0141014	0E19488	I8
49	L1TRW	1	03-JUN-2010	15:49:05	0141014	0E19488	I8
50	L1TRX	1	03-JUN-2010	15:53:06	0141014	0E19488	I8
51	L1TR1	1	03-JUN-2010	15:57:01	0141014	0E19488	I8
52	L1TR3	1	03-JUN-2010	16:01:00	0141014	0E19488	I8
53	L1TR3S	1	03-JUN-2010	16:04:52	0141014	0E19488	I8
54	L1TR3D	1	03-JUN-2010	16:08:54	0141014	0E19488	I8
55	L1TR5	1	03-JUN-2010	16:13:08	0141014	0E19488	I8
56	L1TR8	1	03-JUN-2010	16:17:01	0141014	0E19488	I8
57	L1P85	1	03-JUN-2010	16:21:04	0141014	0E19488	I8
58	CCV	1	03-JUN-2010	16:24:53			I8
59	CCB	1	03-JUN-2010	16:28:55			I8
60	L1951B	1	03-JUN-2010	16:32:56	0152031	A0F010000	I8
61	L1951C	1	03-JUN-2010	16:36:48	0152031	A0F010000	I8
62	L16NFF	1	03-JUN-2010	16:41:09	0152031	0E25574	I8
63	L16NF	1	03-JUN-2010	16:44:57	0152031	0E25574	I8
64	L16NGF	1	03-JUN-2010	16:48:47	0152031	0E25574	I8
65	L16NG	1	03-JUN-2010	16:52:43	0152031	0E25574	I8
66	L16NJF	1	03-JUN-2010	16:56:46	0152031	0E25574	I8
67	L16NJ	1	03-JUN-2010	17:00:35	0152031	0E25574	I8
68	L183MF	1	03-JUN-2010	17:04:23	0152031	0E25574	I8
69	L183M	1	03-JUN-2010	17:08:24	0152031	0E25574	I8
70	CCV	1	03-JUN-2010	17:12:16			I8
71	CCB	1	03-JUN-2010	17:16:31			I8
72	L19LR	1	03-JUN-2010	17:20:24	0152031	A0E290423	I8
73	L19LT	1	03-JUN-2010	17:24:12	0152031	A0E290423	I8
74	L19LV	1	03-JUN-2010	17:28:00	0152031	A0E290423	I8
75	L19LW	1	03-JUN-2010	17:31:49	0152031	A0E290423	I8
76	L19LX	1	03-JUN-2010	17:35:45	0152031	A0E290423	I8
77	L1839F	1	03-JUN-2010	17:39:36	0152031	A0E280605	I8
78	L1839FS	1	03-JUN-2010	17:43:32	0152031	A0E280605	I8
79	L1839FD	1	03-JUN-2010	17:47:39	0152031	A0E280605	I8
80	L184NF	1	03-JUN-2010	17:51:52	0152031	A0E280605	I8
81	L184PF	1	03-JUN-2010	17:55:49	0152031	A0E280605	I8
82	CCV	1	03-JUN-2010	17:59:53			I8
83	CCB	1	03-JUN-2010	18:04:05			I8
84	L184QF	1	03-JUN-2010	18:08:03	0152031	A0E280605	I8
85	L184TF	1	03-JUN-2010	18:11:57	0152031	A0E280605	I8
86	L184TFL	1	03-JUN-2010	18:15:48			I8
87	L1953B	1	03-JUN-2010	18:19:40	0152032	A0F010000	I8
88	L1953C	1	03-JUN-2010	18:23:28	0152032	A0F010000	I8

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:       Instrument Upload                                   Run Log - Page  3 :
:       Started Fri Jun  4 05:23:10 2010 by TOTHR                              :
:       Data File: UPL$CAN_DATA_ROOT:<REP>I80603A.CSV;1                        :
--------------------------------------------------------------------------------
```

#	WorkOrder	Dilution	Date	Time	Batch	Lot	Instrument
89	L16M1F	1	03-JUN-2010	18:27:57	0152032	0E25574	I8
90	L16M1FL	1	03-JUN-2010	18:31:54			I8
91	L16M1	1	03-JUN-2010	18:35:57	0152032	0E25574	I8
92	L16M1S	1	03-JUN-2010	18:39:46	0152032	0E25574	I8
93	L16M1D	1	03-JUN-2010	18:44:22	0152032	0E25574	I8
94	CCV	1	03-JUN-2010	18:48:34			I8
95	CCB	1	03-JUN-2010	18:52:36			I8
96	L16M3F	1	03-JUN-2010	18:56:32	0152032	0E25574	I8
97	L16M3	1	03-JUN-2010	19:00:27	0152032	0E25574	I8
98	L16M4F	1	03-JUN-2010	19:04:16	0152032	0E25574	I8
99	L16M4	1	03-JUN-2010	19:08:14	0152032	0E25574	I8
100	L16M5F	1	03-JUN-2010	19:12:03	0152032	0E25574	I8
101	L16M5	1	03-JUN-2010	19:15:57	0152032	0E25574	I8
102	L16M6F	1	03-JUN-2010	19:19:47	0152032	0E25574	I8
103	L16M6	1	03-JUN-2010	19:23:36	0152032	0E25574	I8
104	L16M7F	1	03-JUN-2010	19:27:37	0152032	0E25574	I8
105	L16M7	1	03-JUN-2010	19:31:29	0152032	0E25574	I8
106	CCV	1	03-JUN-2010	19:35:24			I8
107	CCB	1	03-JUN-2010	19:39:47			I8
108	L16M8F	1	03-JUN-2010	19:43:49	0152032	0E25574	I8
109	L16M8	1	03-JUN-2010	19:47:44	0152032	0E25574	I8
110	L16NAF	1	03-JUN-2010	19:51:45	0152032	0E25574	I8
111	L16NA	1	03-JUN-2010	19:55:39	0152032	0E25574	I8
112	L16NCF	1	03-JUN-2010	19:59:30	0152032	0E25574	I8
113	L16NC	1	03-JUN-2010	20:03:25	0152032	0E25574	I8
114	L16NEF	1	03-JUN-2010	20:07:15	0152032	0E25574	I8
115	L16NE	1	03-JUN-2010	20:11:08	0152032	0E25574	I8
116	L2A9TB	1	03-JUN-2010	20:14:58	0153023	A0F020000	I8
117	L2A9TC	1	03-JUN-2010	20:18:55	0153023	A0F020000	I8
118	CCV	1	03-JUN-2010	20:23:14			I8
119	CCB	1	03-JUN-2010	20:27:29			I8
120	L12HF	1	03-JUN-2010	20:31:44	0153023	0E25507	I8
121	L12HFL	1	03-JUN-2010	20:35:39			I8
122	L12HN	1	03-JUN-2010	20:39:30	0153023	0E25507	I8
123	L12HQ	1	03-JUN-2010	20:43:20	0153023	0E25507	I8
124	L12HX	1	03-JUN-2010	20:47:11	0153023	0E25507	I8
125	L12H8	1	03-JUN-2010	20:51:01	0153023	0E25507	I8
126	L12H9	1	03-JUN-2010	20:54:53	0153023	0E25507	I8
127	L12JE	1	03-JUN-2010	20:58:48	0153023	0E25507	I8
128	ICSA	1	03-JUN-2010	21:02:40			I8
129	ICSAB	1	03-JUN-2010	21:06:48			I8
130	CCV	1	03-JUN-2010	21:10:59			I8
131	CCB	1	03-JUN-2010	21:15:04			I8
132	L12JES	1	03-JUN-2010	21:18:56	0153023	0E25507	I8

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INSTRUMENT PRINTOUTS

CALSTD	STD 0E220	ICSA	STD 0D209	CAL1/CRI	STD —
CAL/CAL 2/S100	STD 0D161	ICSAB	STD 0E240	CAL2 (2X)- CAL3	STD —
CRI	STD 0D200	ICV	STD 0D176	SCAL (2X)- CAL 2	STD —
CCV	STD 0E228				

Blank H2O-0mR355

Test America North Canton ICP Data Review Checklist

Run/Project Information:

Run Date: 6-2-10 Analyst: NJM Instrument: I5

Prep Batches Run: SEE RUN LOG

Circle Methods used: 6010B / 200.7: CORP-MT-0001 Rev 3.2
~~6010A/200.7:~~ CORP-MT-0001NC, Rev 2

Review Items

A. Calibration/Instrument Run QC	Yes	No	N/A	2nd Level
1. Instrument calibrated per manufacturer's instructions (2 exposures/sample) and at SOP specified levels ?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits ? *(ICV (2nd source):200.7=95 –105%, 6010B 90-110%) (CCV: 90 – 110%)*	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL ?	✓			✓
4. High Std. (HCAL) reanalyzed before samples and recovered within QC limits ? (6010A only 95-105%)			✓	✓
5. CRI run at SOP or project-specific frequency? Recovered within QC limits? (6010A +/- 50%, project specific limits may vary)	✓			✓
6. ICSA/ICSAB run at required frequency and within SOP limits ?	✓			✓
B. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed ?	✓			✓
2. All reported results bracketed by in control QC ?	✓			✓
3. Sample analyses done within holding time ?	✓			✓
C. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits ?	✓			✓
2. Method blank done per prep batch and < RL ?	✓			✓
3. MS/MSD run at required frequency and within limits ?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits ?	✓			✓
5. Serial dilution done per prep batch ?	✓			✓
6. Post digest spike analyzed if required?			✓	✓
D. Other				
1. Are all nonconformances documented appropriately ?	✓			✓
2. Current IDL/MDL/LR/IEC data on file ?	✓			✓
3. Calculations checked for error ?	✓			✓
4. Transcriptions checked for error ?	✓			✓
5. All client/project specific requirements met ?	✓			✓
6. Date/time of analysis verified as correct ?	✓			✓

Level I Analyst: Natalie Musser Date: 6-2-10 Time: 08:46-14:30
Level I Analyst: Natalie Musser Date: 6-3-10 Time: 14:41-18:35
Level I Analyst: Date: Time:
Level I Analyst: Date: Time:

Level II Reviewer: Roger K. Voth Date: 6-2-10 Time: 08:46-14:30
Level II Reviewer: Roger K. Voth Date: 6-3-10 Time: 14:41-18:35
Level II Reviewer: Date: Time:
Level II Reviewer: Date: Time:

Comments:

Clouseau
Nonconformance Memo

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

NCM #: 01-10836
NCM Initiated By: Dorothy Leeson
Date Opened: 03/05/2004
Date Closed: 03/08/2004

Classification: Anomaly
Status: CLOSED
Production Area: Metals
Tests: None
Lot #'s (Sample #'s): ,
QC Batches: None.,

Nonconformance: Other (describe in detail)
Subcategory: Other (explanation required)

Problem Description / Root Cause

Name	Date	Description
Dorothy Leeson	03/05/2004	Stock standard solutions used for ICP ICSA solutions commonly have low level contamination for certain elements, especially zinc.

Verified contamination is not corrected by interelement correction factors (IEC's) since instrumental determination of the presence of the analyte is due not to spectral interference but due to actual presence of the element in the solution. Contamination can be verified by performing a wavelength scan of the standard solution. If contamination exists, the peak apex will be directly at the expected wavelength for the element of concern. If the presence of the analyte is due to interference from another analyte which produces a peak near the element of concern, the peak apex of the interfering analyte will not be exactly at the wavelength for the element of concern, and an IEC would be generated.

If contamination for an element such as zinc is suspected, an IEC would be inappropriate, and the concentration during analysis of the daily ICSA solution may exceed SOP criteria. In these cases, this NCM will be referenced and a copy of this NCM will be included with the run.

Zinc contamination in ICSA stock solutions has been verified in this lab at various times with wavelength scans. Similarly, contamination for other elements has been verified when suspected. An example scan is included with the 16 ICP analytical run from 4/3/01.

Corrective Action

Name	Date	Corrective Action
Dorothy Leeson	03/05/2004	

Client Notification Summary

Client	Project Manager	Notified	Response	How Notified	Note
	Response	Response Note			

Quality Assurance Verification

Verified By	Due Date	Status	Notes
LAMBERTB		Verified/completed	

Method: TOTAL Sample Name: STD1-Blank Operator:
Run Time: 06/02/10 08:46 Filename: I50602A
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	count	count	count	count	count	count
Avge	-.00186	.048	.14529	.00521	.00069	.00248
SDev	.00144	.00009	.00175	0	.00006	.00007
%RSD	77.3527	.20683	1.20927	.06044	10.0414	2.88883

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	count	count	count	count	count	count
Avge	.01165	-.00851	-.00106	.00173	.00993	.00037
SDev	.00002	.00202	.00017	.00014	.00021	.0008
%RSD	.2411	23.801	16.3847	8.14145	2.18174	216.764

Elems	K	Mg	Mn	Mo	Na	Ni
Units	count	count	count	count	count	count
Avge	.00859	.00203	.00064	-.00034	.00119	.00072
SDev	.00041	.00056	.00006	.00028	.00063	.0001
%RSD	4.84442	27.6525	10.8185	80.8529	52.9811	14.6896

Elems	Sn	Ti	Tl	V	Zn	2203\1
Units	count	count	count	count	count	count
Avge	.00163	0	-.05096	-.00017	.00606	.01557
SDev	.00112	0	.00695	.00003	.00027	.00592
%RSD	68.5217	0	13.6435	20.2623	4.57639	38.0623

Elems	2203\2	1960\1	1960\2	2068/2	2068/1	Y_3710
Units	count	count	count	count	count	count
Avge	-.00037	-.01647	.00931	.00032	-.04037	5
SDev	.00003	.00206	.00727	.00108	.00631	0
%RSD	9.48825	12.5251	78.1066	337.519	15.6378	0

Elems	*Y
Units	
Avge	20122.8
SDev	12.1617
%RSD	.06043

Method: TOTAL Sample Name: CALSTD Operator:
Run Time: 06/02/10 08:52 Filename: I50602A
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	As	B	Ba	Be	Cd
Units	count	count	count	count	count	count
Avge	6.73288	5.63178	2.84733	3.39545	15.4538	32.3028
SDev	.00947	.00559	.00269	.00005	.00735	.02599
%RSD	.14069	.0994	.09476	.00175	.04758	.08047

Elems	Co	Cr	Cu	Mn	Mo	Ni
Units	count	count	count	count	count	count
Avge	5.39284	6.00672	2.77142	14.9566	1.08113	3.19512
SDev	.00005	.00248	.00322	.02246	.01097	.01369
%RSD	.00109	.04132	.11646	.15017	1.01494	.42865

Elems	Sn	Ti	Tl	V	Zn	2203\1
Units	count	count	count	count	count	count
Avge	10.1945	3.23962	7.0717	4.60147	8.65236	4.64462
SDev	.00766	.00256	.01704	.00369	.01795	.01782
%RSD	.07522	.07925	.24104	.08026	.20749	.38384

Elems	2203\2	1960\1	1960\2	2068/2	2068/1	*Y
Units	count	count	count	count	count	
Avge	5.79873	2.35257	2.55874	.39244	3.69121	19960.8
SDev	.01819	.01522	.00265	.00199	.02397	49.2144
%RSD	.31375	.64709	.10395	.50832	.64962	.24655

Method: TOTAL Sample Name: CAL 2 Operator:
Run Time: 06/02/10 08:58 Filename: I50602A
Mode: IR Type: X Corr. Factor: 1.00000
Lab ID.: Cust. Smpl. ID.: Cust. ID.:

Elems	Al	Ca	Fe	K	Mg	Na
Units	count	count	count	count	count	count
Avge	8.77699	8.93766	5.09004	11.459	11.066	.84877
SDev	.00034	.00376	.00292	.03472	.00155	.00065
%RSD	.00395	.04216	.05743	.30306	.01402	.07709

Elems	*Y
Units	
Avge	19839.7
SDev	39.4557
%RSD	.19887

Method: TOTAL Sample Name: ICV Operator: KLC
Run Time: 06/02/10 09:02 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	493.4	12400.	250.01	1023.	1003.	1034.
SDev	.299	7.008	.26826	3.007	.0753	.6769
%RSD	.0606	.0565	.10729	.2939	.0075	.0654

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25010.	251.7	1025.	1018.	1003.	12750.
SDev	9.864	.1464	.7014	.1525	.4254	9.511
%RSD	.0394	.0581	.0684	.015	.0424	.0746

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24280.	24620.	1026.	1004.	24850.	1014.
SDev	55.38	16.23	.0486	5.112	27.42	4.032
%RSD	.2281	.0659	.0047	.5095	.1103	.3975

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	256.41	257.15	247.86	1017.	1019.	501.53
SDev	1.5789	.05196	.0275	.456	.027	3.166
%RSD	.61578	.0202	.01109	.0448	.0026	.63127

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1004.	1029.	253.26	259.09	256.10	256.57
SDev	.2176	2.34	.56791	.20562	1.9873	1.375
%RSD	.0217	.2274	.22423	.07936	.776	.53594

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	245.36	249.11	5.0000	19869.8
SDev	1.3875	.65149	0	4.80887
%RSD	.56549	.26152	0	.0242

Method: TOTAL Sample Name: ICB Operator: KLC
Run Time: 06/02/10 09:08 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2937	-8.124	-2.7455	10.65	.0046	-.0095
SDev	.1167	12.83	3.7132	.6396	.0873	.0214
%RSD	39.74	158	135.24	6.008	1911	225.3

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.393	-.0153	.1996	-1.094	-.0684	-2.441
SDev	1.745	.0634	.0498	1.082	.9911	5.913
%RSD	72.93	415.2	24.97	98.93	1448	242.2

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	140.5	-2.615	.0211	6.368	-345.8	.5639
SDev	40.21	.5609	.0482	.1056	558.5	1.541
%RSD	28.62	21.45	228.3	1.659	161.5	273.3

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.5689	.00325	1.0918	2.535	.0000	-1.5045
SDev	.75057	1.4884	1.4704	.7481	0	.84053
%RSD	47.84	45748	134.68	29.51	0	55.868

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2652	-.0119	.32988	-.15981	4.5733	.06901
SDev	.4599	.142	2.508	.9793	.60138	.82505
%RSD	173.4	1196	760.27	612.77	13.15	1195.5

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	.80042	1.2372	5.0000	20017.1
SDev	.19701	2.1062	0	98.2878
%RSD	24.614	170.24	0	.49101

Method: TOTAL Sample Name: CRI\MRL Operator: KLC
Run Time: 06/02/10 09:14 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	Q6.602	186.1	13.912	207.5	9.806	5.103
SDev	.5767	1.064	.48995	.6621	.1168	.0283
%RSD	8.735	.5716	3.5218	.319	1.191	.5544

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5038.	5.250	5.599	4.752	14.95	301.6
SDev	12.75	.0571	.0637	.2649	.2466	3.572
%RSD	.253	1.087	1.137	5.574	1.649	1.184

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4696.	4882.	15.57	Q13.43	5086.	26.73
SDev	3.057	10.88	.0264	.6171	102	.3125
%RSD	.0651	.2228	.1693	4.596	2.006	1.169

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.857	10.867	11.067	99.89	51.11	15.762
SDev	2.5447	.69496	2.3186	1.002	.1676	.8321
%RSD	11.642	6.3953	20.949	1.003	.328	5.2792

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.880	41.54	12.364	10.119	20.214	22.678
SDev	.6665	.1091	1.8206	.13299	5.8808	.87915
%RSD	9.688	.2627	14.725	1.3142	29.093	3.8768

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	11.843	10.680	5.0000	19960.3
SDev	.57173	3.7615	0	62.6494
%RSD	4.8275	35.22	0	.31386

Method: TOTAL Sample Name: ICSA Operator: KLC
Run Time: 06/02/10 09:20 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6928	492600.	2.2910	5.184	2.081	-.0421
SDev	.6427	6703	2.3862	.8619	.0406	.0299
%RSD	92.76	1.361	104.15	16.63	1.95	70.97

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	498000.	1.444	3.117	1.354	1.917	197800.
SDev	7041	.045	.4534	.1109	.266	2734
%RSD	1.414	3.119	14.55	8.191	13.88	1.382

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	174.3	505600.	4.015	2.885	387.8	2.687
SDev	7.283	6935	.0082	2.261	214.1	.5714
%RSD	4.178	1.372	.2033	78.38	55.22	21.27

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.8439	-.92621	-.71158	.4887	-5.614	-1.2183
SDev	1.7013	.97596	1.7565	4.166	.3887	4.5352
%RSD	92.268	105.37	246.84	852.5	6.924	372.26

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.672	-6.756	-72.572	34.843	13.366	-3.9086
SDev	.3508	.4934	11.083	6.9964	1.527	3.313
%RSD	20.99	7.303	15.272	20.08	11.424	84.761

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	4.0596	-3.0936	5.0000	18686
SDev	7.2748	6.2653	0	261.346
%RSD	179.2	202.52	0	1.39862

Method: TOTAL Sample Name: ICSAB Operator: KLC
Run Time: 06/02/10 09:26 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1029.	485400.	1000.9	1040.	519.7	511.1
SDev	1.508	230.4	1.3141	1.261	.1914	.3671
%RSD	.1465	.0475	.13129	.1213	.0368	.0718

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	491200.	963.8	491.3	488.3	519.9	195000.
SDev	617.3	.5859	.3036	.4862	.4917	188.7
%RSD	.1257	.0608	.0618	.0996	.0946	.0967

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10550.	501000.	506.5	985.9	10740.	957.2
SDev	6.311	354.2	.2054	8.725	112.7	2.574
%RSD	.0598	.0707	.0405	.885	1.05	.2689

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	989.14	983.26	1022.9	992.9	1020.	967.79
SDev	3.9043	.45644	2.1126	1.698	1.148	.95064
%RSD	.39471	.04642	.20653	.1711	.1125	.09822

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	490.2	1008.	903.14	1023.3	992.36	987.54
SDev	.0302	.9331	7.5145	3.0673	14.45	1.3609
%RSD	.0062	.0926	.83204	.29975	1.4562	.1378

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1019.9	1024.4	5.0000	18997.8
SDev	11.065	2.3569	0	14.9901
%RSD	1.0849	.23008	0	.0789

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/02/10 09:32 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	999.5	25040.	517.91	5173.	2033.	2059.
SDev	1.384	26.23	1.5987	25.59	1.565	.0416
%RSD	.1385	.1047	.30867	.4947	.077	.002

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50770.	520.2	2038.	2025.	2012.	25630.
SDev	13.96	.1725	.0748	.8992	1.66	3.505
%RSD	.0275	.0332	.0037	.0444	.0825	.0137

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50200.	50550.	2072.	2013.	48420.	1992.
SDev	54.5	69.17	1.68	16.26	19.44	.1517
%RSD	.1086	.1368	.0811	.8076	.0401	.0076

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	520.37	526.47	503.70	5064.	5085.	1038.7
SDev	1.867	2.1457	5.3741	6.555	2.214	6.8503
%RSD	.35878	.40757	1.0669	.1294	.0435	.6595

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2018.	2025.	519.31	530.04	518.58	521.26
SDev	.295	2.128	.43577	3.4346	3.2033	1.1999
%RSD	.0146	.1051	.08391	.64798	.6177	.23018

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	504.47	503.31	5.0000	19900.4
SDev	2.6557	6.7313	0	43.2744
%RSD	.52643	1.3374	0	.21745

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/02/10 09:38 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0096	-1.701	-1.4340	13.51	-.0214	-.0130
SDev	.0515	4.69	1.0408	1.195	.0436	.0104
%RSD	534.6	275.8	72.576	8.846	203.5	79.94

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.224	.0806	.4014	.1132	.5019	.0064
SDev	3.088	.11	.1326	.0034	.0705	.3482
%RSD	59.12	136.3	33.02	3.046	14.04	5470

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	175.0	.8665	.1225	8.808	191.8	.2920
SDev	4.212	5.496	.0373	3.298	167.6	.3582
%RSD	2.407	634.3	30.46	37.44	87.4	122.6

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.6361	-.42795	.21188	3.017	.0773	-.71668
SDev	3.7759	.47694	2.1395	2.148	.1094	1.5355
%RSD	230.79	111.45	1009.7	71.2	141.4	214.25

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2257	-.2079	1.1244	-1.2030	1.0656	1.9208
SDev	.0888	.1028	.03065	.69975	7.9613	1.6863
%RSD	39.33	49.46	2.7266	58.17	747.09	87.789

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.5248	-.44360	5.0000	19926.7
SDev	.85759	3.6358	0	44.8308
%RSD	56.244	819.6	0	.22497

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/02/10 11:54 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1006.	24960.	513.51	4916.	2011.	2045.
SDev	.4958	16.3	1.7406	1.542	.9996	2.747
%RSD	.0493	.0653	.33896	.0314	.0497	.1343

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49960.	520.8	2002.	1993.	1999.	24890.
SDev	67.62	.1407	2.232	1.966	.8736	41
%RSD	.1353	.027	.1115	.0986	.0437	.1647

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50070.	49880.	2075.	1964.	48020.	2030.
SDev	26.1	89.74	2.083	14.11	17.85	1.687
%RSD	.0521	.1799	.1004	.7183	.0372	.0831

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	510.75	515.75	493.16	5026.	4961.	1036.2
SDev	1.7384	.70153	2.9792	8.781	4.063	3.5725
%RSD	.34036	.13602	.60409	.1747	.0819	.34478

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1974.	2032.	507.13	520.06	495.55	518.34
SDev	1.723	3.015	.483	1.293	2.1617	3.6856
%RSD	.0873	.1483	.09524	.24862	.43621	.71102

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	502.52	488.49	5.0000	19777.1
SDev	.33689	4.6347	0	41.7193
%RSD	.06704	.94877	0	.21094

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/02/10 12:00 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8600	18.49	.19287	12.26	.0101	.1447
SDev	.0744	.0638	.48108	1.96	.085	.0103
%RSD	8.649	.3451	249.42	15.99	837.9	7.097

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.697	.0672	.4378	.0162	-1.830	5.942
SDev	.1704	.0144	.0272	.4747	.1735	1.772
%RSD	2.214	21.5	6.208	2933	9.482	29.83

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	185.9	-3.185	.1837	9.657	289.5	.7679
SDev	3.981	.3004	.009	4.462	80.58	1.383
%RSD	2.141	9.43	4.915	46.2	27.83	180.1

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.6873	.27486	-.32484	2.759	.4658	1.1141
SDev	1.0436	.39502	.17478	.657	.0006	1.574
%RSD	28.302	143.72	53.806	23.82	.1387	141.28

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4451	-.5675	1.8320	-.50251	3.5366	3.7625
SDev	.0353	.1101	.08127	.55166	3.9245	.39475
%RSD	7.93	19.4	4.4363	109.78	110.97	10.492

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.7335	-1.3525	5.0000	19878.9
SDev	1.3757	.94888	0	27.5772
%RSD	79.359	70.157	0	.13872

Method: TOTAL Sample Name: L1730D Operator: KLC
Run Time: 06/02/10 12:06 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.76	27200.	1884.4	929.4	2182.	50.10
SDev	.2428	111.6	2.8077	3.624	7.628	.0921
%RSD	.5085	.4103	.14899	.39	.3495	.1837

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	316500.	47.94	476.1	225.9	331.7	45330.
SDev	757.9	.0597	.5567	.6808	.5387	102.2
%RSD	.2394	.1246	.1169	.3014	.1624	.2255

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48360.	118300.	1601.	898.3	46480.	519.6
SDev	358.6	218.9	3.837	.3552	33.31	.7037
%RSD	.7415	.1851	.2397	.0395	.0717	.1354

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1813.5	502.90	347.99	1802.	1754.	1826.0
SDev	8.2781	1.8657	1.2294	1.409	5.302	.67258
%RSD	.45647	.37099	.35328	.0782	.3023	.03683

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	532.6	651.5	492.15	508.27	1754.2	1843.1
SDev	1.944	1.039	.43529	3.0145	6.9936	8.9195
%RSD	.3649	.1595	.08844	.59308	.39866	.48395

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	350.51	346.73	5.0000	19819.6
SDev	4.6952	.50091	0	57.4179
%RSD	1.3395	.14446	0	.2897

Method: TOTAL Sample Name: L19D9 Operator: KLC
Run Time: 06/02/10 12:12 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2527	17080.	7.1455	34.47	141.1	2.217
SDev	.3746	40.94	1.6862	.4568	.1941	.0126
%RSD	148.2	.2398	23.598	1.325	.1376	.5705

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16240.	.1025	7.559	25.03	55.21	33390.
SDev	33.8	.1271	.0666	.3523	.4698	83.2
%RSD	.2082	124	.8814	1.408	.8509	.2492

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2231.	6275.	518.6	21.02	3246.	16.63
SDev	5.903	9.803	1.197	.8093	245	.0291
%RSD	.2646	.1562	.2308	3.851	7.547	.1748

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.5969	29.705	3.9991	20.01	465.0	1.5271
SDev	2.1327	.71033	1.7172	.273	1.203	.47361
%RSD	133.55	2.3912	42.94	1.364	.2587	31.015

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.69	195.7	24.690	32.209	1.6356	1.5775
SDev	.0662	.2119	.74466	1.4367	3.9008	1.25
%RSD	.3051	.1083	3.016	4.4606	238.5	79.235

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	4.7609	3.6188	5.0000	20214.1
SDev	1.6155	1.768	0	33.5171
%RSD	33.932	48.856	0	.16581

Method: TOTAL Sample Name: L19ED Operator: KLC
Run Time: 06/02/10 12:18 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1547	23160.	9.5945	30.18	191.0	2.525
SDev	.0509	5.624	.22669	.005	.0612	.0088
%RSD	32.89	.0243	2.3627	.0166	.032	.3487

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16850.	.1777	7.869	20.47	17.97	23360.
SDev	4.444	.1331	.1791	.5927	.5934	5.788
%RSD	.0264	74.9	2.276	2.896	3.302	.0248

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2794.	8602.	296.4	8.437	1961.	14.70
SDev	20.81	7.099	.5174	.8885	67.95	.0414
%RSD	.7448	.0825	.1746	10.53	3.465	.2817

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.2885	24.497	.54378	18.24	499.1	.39344
SDev	2.7147	.55227	.41877	2.597	.1606	1.2695
%RSD	63.302	2.2545	77.012	14.24	.0322	322.65

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.91	134.7	20.811	26.337	6.0824	3.3929
SDev	.2969	.2896	.38573	.63541	4.6663	1.7403
%RSD	1.296	.215	1.8535	2.4126	76.718	51.294

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.4688	.08196	5.0000	20587.1
SDev	.34224	.45698	0	2.12132
%RSD	23.301	557.53	0	.0103

Method: TOTAL Sample Name: L19EF Operator: KLC
Run Time: 06/02/10 12:24 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5679	16610.	7.3454	27.41	133.9	2.467
SDev	.8488	17.45	1.2557	1.355	.0964	.0256
%RSD	149.4	.105	17.095	4.942	.072	1.037

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17550.	.1187	8.556	16.32	16.86	17960.
SDev	29.76	.25	.4589	.2067	.3824	26.19
%RSD	.1695	210.6	5.364	1.266	2.268	.1458

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2387.	6944.	243.2	30.54	2184.	15.85
SDev	15.72	15.19	.3396	.5702	208.2	.8716
%RSD	.6585	.2187	.1396	1.867	9.533	5.499

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.7238	25.336	4.0218	21.96	451.1	.01750
SDev	1.6306	.45867	1.1792	.9998	.9324	1.7126
%RSD	94.597	1.8104	29.32	4.553	.2067	9783.6

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.44	81.82	23.510	26.248	.96202	2.1041
SDev	.1604	.0824	3.4582	2.4142	1.694	3.2905
%RSD	.7847	.1007	14.71	9.1976	176.09	156.39

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	2.0178	5.0223	5.0000	20293.7
SDev	2.0235	.75771	0	51.6188
%RSD	100.28	15.087	0	.25435

Method: TOTAL Sample Name: L19EFL Operator: KLC
Run Time: 06/02/10 12:29 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2541	3451.	.40784	10.02	27.34	.6556
SDev	.3446	2.858	.50672	1.534	.0267	.0109
%RSD	135.6	.0828	124.25	15.3	.0976	1.658

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3618.	.0218	1.911	2.979	2.268	3680.
SDev	5.121	.0345	.0282	.1551	.0176	6.113
%RSD	.1416	158.5	1.475	5.207	.7753	.1661

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	597.7	1424.	49.66	7.638	414.8	3.125
SDev	18.96	3.47	.1539	.1419	229.6	.0797
%RSD	3.172	.2437	.31	1.857	55.37	2.549

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.8663	5.4772	2.4180	7.275	92.11	-.74211
SDev	1.9092	.5253	.37384	1.081	.2496	1.1731
%RSD	102.3	9.5906	15.461	14.86	.271	158.07

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.337	17.43	4.1459	6.1419	.64657	2.4753
SDev	.2822	.2052	1.4974	.03999	.0429	2.8838
%RSD	6.508	1.177	36.117	.65119	6.6362	116.5

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-2.0775	4.6625	5.0000	20207.7
SDev	.26712	.42712	0	40.022
%RSD	12.858	9.161	0	.19805

Method: TOTAL Sample Name: L17T2 Operator: KLC
Run Time: 06/02/10 12:35 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1023	117300.	81.254	2.425	299.4	4.859
SDev	.9847	61.61	.59841	1.292	.259	.0316
%RSD	962.5	.0525	.73647	53.26	.0865	.6496

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10700.	-.2762	30.29	337.7	103.6	248000.
SDev	16.83	.1342	.5302	.4801	.0709	323.2
%RSD	.1573	48.58	1.75	.1422	.0684	.1303

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3217.	8028.	588.4	34.86	342.9	91.49
SDev	6.861	14.37	.4946	.4678	37.2	.3869
%RSD	.2133	.179	.0841	1.342	10.85	.4229

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.9589	127.88	3.5636	14.06	779.1	-1.7120
SDev	1.2116	1.0844	1.404	.5256	1.151	.02556
%RSD	20.333	.84802	39.397	3.739	.1478	1.4932

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	399.5	281.5	109.71	136.95	-.19522	-8.8364
SDev	1.155	.5135	.87312	1.1899	1.4767	2.5537
%RSD	.2891	.1824	.79586	.86888	756.39	28.9

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	2.4990	4.0951	5.0000	20817.6
SDev	1.1315	1.54	0	142.836
%RSD	45.279	37.605	0	.68612

Method: TOTAL Sample Name: L17VM Operator: KLC
Run Time: 06/02/10 12:41 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8526	109600.	76.819	7.615	524.1	4.142
SDev	.0142	217.4	.8011	1.067	.7236	.0088
%RSD	1.669	.1983	1.0428	14.02	.1381	.2113

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7560.	-.2376	59.97	195.6	106.4	194700.
SDev	4.299	.0715	.2531	.3439	.6163	199.6
%RSD	.0569	30.09	.422	.1758	.5792	.1025

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4948.	14970.	2168.	11.89	-278.6	88.13
SDev	6.604	1.021	1.807	.425	116.7	.4142
%RSD	.1335	.0068	.0833	3.574	41.89	.47

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.58771	114.36	3.0164	9.727	1340.	1.1107
SDev	.07298	1.4746	1.6217	.9796	2.242	2.7226
%RSD	12.418	1.2894	53.764	10.07	.1673	245.13

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	288.9	320.7	96.583	123.24	4.4794	-1.3552
SDev	.1107	.3191	1.6366	1.3938	3.1317	1.6729
%RSD	.0383	.0995	1.6944	1.131	69.913	123.44

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	2.4461	3.3011	5.0000	20723.2
SDev	.40549	2.6338	0	106.349
%RSD	16.577	79.786	0	.51318

Method: TOTAL Sample Name: L17VN Operator: KLC
Run Time: 06/02/10 12:47 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3288	131400.	101.47	1.805	374.4	5.276
SDev	.6324	113	1.3257	1.541	.6058	.0131
%RSD	192.4	.086	1.3065	85.39	.1618	.2491

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10650.	.0711	72.04	435.6	100.6	267900.
SDev	18	.0349	.4752	1.239	.2266	520.8
%RSD	.1691	49.1	.6597	.2844	.2253	.1944

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4545.	4563.	2819.	74.64	-277.9	138.6
SDev	14.94	9.544	4.202	.706	82.48	.6312
%RSD	.3287	.2092	.1491	.9459	29.68	.4555

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.5614	148.73	1.7434	13.02	1147.	1.8317
SDev	2.1964	1.6034	3.3619	1.144	1.907	2.8708
%RSD	29.048	1.078	192.84	8.788	.1662	156.73

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.7	644.0	126.96	159.61	-3.0741	-9.8016
SDev	.6975	.6707	1.7155	1.5475	.29027	3.4379
%RSD	.1416	.1041	1.3513	.96955	9.4427	35.075

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.7412	1.7444	5.0000	20593.9
SDev	.38219	4.8496	0	93.1972
%RSD	21.95	278	0	.45254

Method: TOTAL Sample Name: L1951B Operator: KLC
Run Time: 06/02/10 12:53 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2104	53.69	-1.0914	1.795	1.266	.2282
SDev	.0518	2.746	.70297	.1342	.0012	.0267
%RSD	24.64	5.115	64.41	7.479	.0974	11.7

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	244.3	.1161	.5372	-.2739	-.5448	16.62
SDev	.1679	.0993	.1547	.4627	.4616	11.63
%RSD	.0687	85.51	28.81	168.9	84.73	69.97

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	187.8	77.57	.4386	2.378	-164.0	-.3484
SDev	1.218	1.942	.0096	.7708	53.5	.6092
%RSD	.6484	2.504	2.187	32.41	32.62	174.8

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.2977	-.03192	1.2878	2.443	.3035	.16799
SDev	.14878	.50748	1.5284	.4069	.2145	.07647
%RSD	11.465	1589.5	118.68	16.65	70.67	45.521

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2599	4.299	-.13373	.01889	2.9046	.49548
SDev	.0313	.039	2.6813	.57779	.84041	.19651
%RSD	12.03	.9076	2004.9	3057.2	28.934	39.66

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	.95952	1.4518	5.0000	20338.3
SDev	.70781	2.6448	0	12.0208
%RSD	73.767	182.18	0	.0591

Method: TOTAL Sample Name: L1951C Operator: KLC
Run Time: 06/02/10 12:59 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L.2900	1778.	1810.5	858.8	1792.	46.98
SDev	.7859	3.231	3.2263	.7009	.4689	.002
%RSD	271	.1818	.17819	.0816	.0262	.0043

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44730.	46.39	448.4	180.4	224.5	905.7
SDev	19.08	.0938	.5062	.1401	.0131	.4725
%RSD	.0427	.2021	.1129	.0777	.0058	.0522

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44900.	44120.	468.9	851.5	44040.	463.3
SDev	5.925	40.16	.2441	11.81	141.7	3.219
%RSD	.0132	.091	.0521	1.387	.3218	.6948

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1858.8	458.97	444.19	1796.	875.5	1806.5
SDev	8.9315	1.529	1.9778	7.773	.0772	3.1585
%RSD	.48049	.33312	.44525	.4327	.0088	.17484

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	437.9	477.7	453.42	461.75	1802.9	1886.7
SDev	.366	.3904	2.0722	1.2578	9.9761	8.41
%RSD	.0836	.0817	.45701	.27239	.55333	.44574

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	451.43	440.57	5.0000	20305.8
SDev	.27034	2.8302	0	20.647
%RSD	.05988	.64239	0	.10168

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/02/10 13:05 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1004.	24720.	506.18	4751.	1989.	2031.
SDev	.7857	24.78	1.6505	11.74	2.248	2.184
%RSD	.0783	.1003	.32606	.2471	.1131	.1075

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49450.	520.0	1986.	1976.	1982.	24380.
SDev	50.49	.0155	.8128	1.757	1.606	1.029
%RSD	.1021	.003	.0409	.0889	.081	.0042

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49760.	49380.	2062.	1946.	47420.	2054.
SDev	88.19	46.96	1.908	11.32	8.43	4.644
%RSD	.1772	.0951	.0925	.5816	.0178	.2261

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	503.97	511.68	490.22	4995.	4878.	1024.9
SDev	1.8234	.1326	1.8385	3.498	5.39	2.286
%RSD	.36181	.02591	.37504	.07	.1105	.22304

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1944.	2035.	505.42	514.80	491.63	510.13
SDev	1.64	.8444	.68267	.14203	.24192	2.8545
%RSD	.0844	.0415	.13507	.02759	.0492	.55957

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	502.92	483.88	5.0000	19929.6
SDev	2.788	4.1483	0	3.67778
%RSD	.55435	.8573	0	.01845

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/02/10 13:11 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3794	15.50	-2.4265	8.589	-.0345	.2583
SDev	.372	1.491	.59234	1.692	.1979	.0006
%RSD	98.04	9.621	24.412	19.7	573.6	.2148

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-11.77	.1606	.1883	.2430	-2.627	4.331
SDev	.8232	.0117	.1752	.1303	1.043	3.173
%RSD	6.994	7.299	93.05	53.63	39.7	73.27

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	172.4	-3.227	.0057	9.594	72.32	.3677
SDev	6.11	.1554	.0112	2.113	49.5	.2318
%RSD	3.544	4.815	194.9	22.02	68.44	63.05

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.3848	.57705	1.8951	4.750	.3030	2.3398
SDev	1.4225	.51193	1.4213	1.094	.4285	1.9286
%RSD	59.65	88.716	75	23.03	141.4	82.427

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5493	-.5352	.43027	.65033	5.2068	.97593
SDev	.3658	.0918	1.2388	.14903	2.4968	.88621
%RSD	66.6	17.16	287.92	22.917	47.952	90.807

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	.56138	2.5610	5.0000	20231.1
SDev	.19446	2.0338	0	206.899
%RSD	34.64	79.417	0	1.02267

Method: TOTAL Sample Name: L2AKEBT Operator: KLC
Run Time: 06/02/10 13:25 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2907	31.24	-1.7799	H142.2	H6.656	.2596
SDev	.0099	1.513	.45173	.9164	.1481	.0208
%RSD	3.393	4.843	25.38	.6446	2.225	8.025

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H1173.	.0741	.4148	2.732	.7965	26.60
SDev	3.015	.0578	.3723	.1555	.318	4.831
%RSD	.2571	78.06	89.76	5.693	39.92	18.16

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	759.1	466.2	1.794	4.840	H1091e3	9.765
SDev	6.517	.4407	.0612	.2541	952.5	.0758
%RSD	.8586	.0945	3.409	5.251	.0873	.7763

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H9.0603	H70.569	3.5061	3.851	.5460	-3.0510
SDev	.0705	.0937	1.4337	2.26	.1088	.19038
%RSD	.77818	.13278	40.89	58.7	19.92	6.24

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6388	H31.34	71.224	70.242	16.228	5.4821
SDev	.3117	.2499	.17819	.22945	.9193	.56467
%RSD	48.79	.7974	.25019	.32666	5.6651	10.3

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	2.7354	3.8909	5.0000	19780.3
SDev	1.907	3.1015	0	57.5588
%RSD	69.715	79.711	0	.29099

Method: TOTAL Sample Name: L2A89BT Operator: KLC
Run Time: 06/02/10 13:31 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7893	11.37	-2.9485	4.493	-.0895	.2029
SDev	.1876	.236	.42297	.23	.0408	.0008
%RSD	23.77	2.075	14.345	5.12	45.56	.397

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.587	.0268	.5533	.3778	-2.835	2.654
SDev	1.077	.0501	.4421	.445	.8043	.0033
%RSD	12.54	186.5	79.89	117.8	28.37	.124

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	171.8	5.783	.7488	3.304	194.0	1.115
SDev	5.747	.6162	.0275	.7795	114.9	.8326
%RSD	3.345	10.65	3.667	23.59	59.22	74.67

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.98588	.34241	1.1311	1.992	-.0765	-1.0368
SDev	1.4871	.61456	1.2668	2.135	.1082	.04827
%RSD	150.84	179.48	112	107.2	141.4	4.6558

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3697	4.133	2.9942	-.98146	.25814	-1.6070
SDev	.1208	.1036	1.8864	1.8632	3.4968	.48383
%RSD	32.67	2.506	63.002	189.83	1354.6	30.109

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	-.02182	1.7067	5.0000	20169.2
SDev	3.1972	.30307	0	14.707
%RSD	14647	17.758	0	.07291

Method: TOTAL Sample Name: L16QXT Operator: KLC
Run Time: 06/02/10 13:37 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3123	10.61	1.0836	85.64	536.5	.2133
SDev	.8592	10.99	2.1252	.0504	.9344	.0259
%RSD	275.2	103.5	196.12	.0588	.1742	12.12

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	133600.	325.4	10.88	.0785	1137.	-23.59
SDev	8.618	.138	.0652	1.651	.8432	9.078
%RSD	.0065	.0424	.5995	2103	.0741	38.48

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4119.	193100.	1099.	13.03	H1125e3	299.6
SDev	27.57	47.41	.8573	1.713	1437	.5423
%RSD	.6693	.0246	.078	13.14	.1277	.181

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.5144	5847.1	-21.754	3.111	-2.766	-.85024
SDev	1.1635	29.784	1.005	.0993	.3602	3.8011
%RSD	13.664	.50938	4.6199	3.191	13.02	447.06

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.056	H64190.	5739.4	5900.8	13.688	5.9317
SDev	.1481	409.1	45.871	21.753	.59116	2.0394
%RSD	14.03	.6374	.79923	.36863	4.319	34.382

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	17.805	-41.503	5.0000	19537.7
SDev	.26296	1.3754	0	176.919
%RSD	1.4769	3.3141	0	.90552

Method: TOTAL Sample Name: L16Q2TS/5 Operator: KLC
Run Time: 06/02/10 13:43 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	202.9	25.21	989.10	82.09	9836.	.2180
SDev	.0405	1.38	.51418	2.703	17.5	.0307
%RSD	.02	5.476	.05198	3.292	.1779	14.07

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	119200.	206.1	-7.106	1019.	2.176	-.6374
SDev	180.6	.1344	.0795	1.534	.4596	8.73
%RSD	.1515	.0652	1.118	.1506	21.12	1370

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	551.6	21350.	436.0	33.33	248300.	9.473
SDev	14.35	36.91	.6519	.0264	426.8	.1229
%RSD	2.601	.1729	.1495	.0791	.1719	1.297

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.46	1020.0	7.4220	.7062	-1.472	.31835
SDev	3.3976	.0501	2.4174	.4801	.324	1.9365
%RSD	1.6457	.00491	32.571	67.99	22.01	608.28

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.278	166.5	1002.1	1029.0	198.76	210.30
SDev	.6817	1.215	2.0473	1.0973	5.4388	2.3786
%RSD	53.35	.7296	.20429	.10663	2.7364	1.131

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	8.3884	6.9395	5.0000	19913.3
SDev	.26474	3.4922	0	65.1947
%RSD	3.1561	50.323	0	.32739

Method: TOTAL Sample Name: L16Q2TD/5 Operator: KLC
Run Time: 06/02/10 13:49 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	203.6	23.50	994.11	83.41	9869.	.2417
SDev	1.09	4.577	5.0596	.9593	61.83	.0335
%RSD	.5353	19.48	.50896	1.15	.6265	13.86

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	122400.	207.7	-7.038	1025.	2.294	-2.109
SDev	780.3	1.556	.3965	6.567	.6304	12.2
%RSD	.6376	.7488	5.634	.6407	27.48	578.3

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	561.1	21920.	447.5	33.45	253700.	9.613
SDev	.9623	126.5	2.904	.9554	1101	.384
%RSD	.1715	.5768	.6491	2.856	.434	3.995

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	203.77	1024.1	8.2231	.8002	-1.857	-.06941
SDev	3.7209	10.709	.50164	.2614	.013	2.9587
%RSD	1.8261	1.0457	6.1005	32.66	.6975	4262.6

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.603	169.0	1006.7	1032.7	199.59	205.85
SDev	.4702	.9475	7.7762	12.172	.78953	5.1844
%RSD	29.33	.5605	.77247	1.1787	.39557	2.5185

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	7.1260	8.7708	5.0000	19949.6
SDev	3.5393	1.0149	0	139.158
%RSD	49.667	11.571	0	.69754

Method: TOTAL Sample Name: L16Q4T Operator: KLC
Run Time: 06/02/10 13:55 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7907	27.80	3.5159	283.7	499.6	.2145
SDev	.4639	1.764	2.5814	1.939	.8749	.0345
%RSD	58.67	6.344	73.421	.6835	.1751	16.1

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	154800.	13.12	2.431	3.522	68.26	-10.56
SDev	191.7	.2258	.3403	.202	.7169	9.271
%RSD	.1238	1.722	14	5.736	1.05	87.77

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5675.	337200.	598.7	125.0	H1124e3	115.3
SDev	34.29	328.7	.7446	1.646	1007	1.59
%RSD	.6042	.0975	.1244	1.317	.0896	1.379

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.1565	.49188	83.261	2.144	-2.149	-1.3596
SDev	1.0173	1.4164	3.8431	1.887	.3234	2.2178
%RSD	19.729	287.94	4.6157	88	15.05	163.12

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4101	18.72	2.9429	-.73177	11.926	1.7768
SDev	.0285	.0575	2.3703	.94011	1.1365	2.0926
%RSD	6.95	.3071	80.542	128.47	9.53	117.78

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	83.385	83.200	5.0000	19377.4
SDev	.25285	5.888	0	130.956
%RSD	.30323	7.0769	0	.67581

Method: TOTAL Sample Name: L16Q5T Operator: KLC
Run Time: 06/02/10 14:01 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3517	13.09	3.0132	313.9	973.7	.2648
SDev	.3264	4.298	.05458	1.189	.8021	.042
%RSD	92.81	32.83	1.8115	.3788	.0824	15.84

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	511600.	113.2	7.260	14.29	70.79	-12.96
SDev	217.8	.1833	.2129	.1704	.6679	6.499
%RSD	.0426	.162	2.933	1.193	.9435	50.13

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5035.	101100.	3789.	41.00	H1104e3	101.2
SDev	13.43	10.91	1.258	.1881	623	.0649
%RSD	.2668	.0108	.0332	.4588	.0564	.0641

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.783	850.49	136.52	2.062	-8.286	1.4786
SDev	.71355	2.4389	2.5417	.3765	.0393	.74244
%RSD	6.6176	.28676	1.8617	18.26	.4738	50.214

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.741	3672.	835.20	858.12	14.765	8.7944
SDev	.024	.1807	3.7884	1.7651	4.2804	1.0672
%RSD	1.378	.0049	.45359	.20569	28.99	12.135

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	140.49	134.55	5.0000	19371.3
SDev	2.2375	2.6936	0	91.783
%RSD	1.5927	2.002	0	.4738

Method: TOTAL Sample Name: L16Q2T Operator: KLC
Run Time: 06/02/10 14:07 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-13.14	15.66	-6.3703	423.2	721.2	.2654
SDev	19.97	15.31	11.853	3.101	2.953	.0054
%RSD	152.1	97.76	186.06	.7327	.4094	2.038

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H601100.	11.86	-7.152	206.2	21.59	5.025
SDev	2291	.2471	13.27	2.869	.0012	7.797
%RSD	.3811	2.084	185.5	1.391	.0056	155.2

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2838.	109200.	2235.	153.2	H1118e3	36.06
SDev	58.92	475.2	1.585	16.13	1340	16.14
%RSD	2.076	.4351	.0709	10.53	.1199	44.77

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.416	37.997	76.642	3.577	-9.461	-.75370
SDev	1.0984	1.577	42.04	.7135	.0561	1.8193
%RSD	7.619	4.1503	54.852	19.95	.5931	241.38

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.322	856.8	-19.390	66.647	-41.376	42.271
SDev	.1292	6.745	75.835	40.225	83.741	40.161
%RSD	1.765	.7872	391.1	60.355	202.39	95.01

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	14.883	107.48	5.0000	19575.3
SDev	44.854	85.421	0	116.106
%RSD	301.38	79.48	0	.59312

Method: TOTAL Sample Name: L16Q2TL Operator: KLC
Run Time: 06/02/10 14:13 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4750	23.83	-1.9331	84.76	142.6	.2378
SDev	.1974	5.245	1.0202	.7837	.423	.0056
%RSD	41.57	22.01	52.776	.9246	.2967	2.354

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123500.	2.520	.3689	41.74	2.063	.0556
SDev	321.5	.0052	.3351	.0182	.1487	.7072
%RSD	.2604	.2049	90.84	.0437	7.206	1271

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	561.9	22120.	453.2	34.10	255600.	9.181
SDev	4.808	68.33	1.395	1.506	799.8	.3717
%RSD	.8557	.3089	.3078	4.417	.313	4.048

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.8395	7.4147	11.706	1.333	-1.835	.01708
SDev	.79729	.01594	1.385	.122	.0118	2.0109
%RSD	16.475	.21505	11.831	9.15	.6405	11773

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.629	169.9	5.2113	8.5147	3.0930	5.7115
SDev	.1629	.4843	.56256	.30476	1.2515	.57055
%RSD	10	.285	10.795	3.5793	40.461	9.9897

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	7.9222	13.596	5.0000	20182
SDev	2.7584	.69938	0	129.26
%RSD	34.818	5.1441	0	.64047

Method: TOTAL Sample Name: L2A89CT Operator: KLC
Run Time: 06/02/10 14:18 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L-.0842	2037.	2031.1	1087.	2023.	51.35
SDev	.3895	5.646	8.424	1.062	5.653	.1051
%RSD	462.7	.2772	.41475	.0977	.2794	.2047

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L1209.	52.55	502.9	201.0	258.1	995.9
SDev	4.476	.3187	1.313	.7152	.1937	4.391
%RSD	.3702	.6065	.2611	.3559	.075	.4409

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L774.9	L473.9	524.0	971.8	H1107e3	533.5
SDev	11.54	.8318	1.532	2.645	1223	2.407
%RSD	1.489	.1755	.2925	.2722	.1106	.4512

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2053.4	588.12	494.24	2036.	974.5	2009.1
SDev	11.753	2.4857	2.1166	6.92	2.663	8.0681
%RSD	.57237	.42264	.42826	.3399	.2732	.40157

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	484.9	561.3	580.01	592.17	1973.0	2093.5
SDev	1.312	1.387	3.2077	2.1252	5.8827	14.684
%RSD	.2705	.2471	.55304	.35887	.29815	.70139

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	499.28	491.73	5.0000	20024.3
SDev	1.1458	3.7454	0	57.2756
%RSD	.22948	.76168	0	.28603

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/02/10 14:24 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1005.	24750.	503.61	4688.	1992.	2027.
SDev	.1489	7.912	1.6832	4.666	1.5	.4882
%RSD	.0148	.032	.33423	.0995	.0753	.0241

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49250.	519.6	1977.	1968.	1984.	24160.
SDev	3.754	.0602	.1587	.1862	2.307	.5455
%RSD	.0076	.0116	.008	.0095	.1163	.0023

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49830.	49180.	2059.	1936.	47430.	2061.
SDev	.6215	4.538	.4164	19.77	324.7	.7926
%RSD	.0012	.0092	.0202	1.022	.6847	.0385

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	506.87	508.66	491.08	4969.	4848.	1017.8
SDev	1.1214	.31995	1.4639	1.929	1.935	.75004
%RSD	.22123	.0629	.29809	.0388	.0399	.07369

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1934.	2031.	498.47	513.74	488.73	515.93
SDev	1.089	.426	.55529	.20245	2.6017	.38229
%RSD	.0563	.021	.11139	.0394	.53233	.07409

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	500.67	486.30	5.0000	20195
SDev	2.6955	.84907	0	9.05151
%RSD	.53837	.1746	0	.04482

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/02/10 14:30 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6411	22.39	-2.7817	8.308	.0501	.3428
SDev	.4134	5.421	1.2295	1.19	.0011	.0257
%RSD	64.48	24.21	44.199	14.33	2.223	7.499

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-10.63	.1174	.9019	.1215	-2.850	6.936
SDev	1.323	.0409	.0519	.2296	.2152	2.733
%RSD	12.45	34.85	5.754	188.9	7.551	39.41

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	165.3	-1.737	.1628	Q10.03	169.9	.5456
SDev	11.36	2.81	.0098	3.615	84.91	.5647
%RSD	6.875	161.7	5.99	36.06	49.97	103.5

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.9106	-.27547	1.6989	3.969	.0000	-.14739
SDev	.49821	.51713	.89223	.7924	0	1.1779
%RSD	17.117	187.72	52.518	19.97	0	799.09

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6317	-.6033	-.44419	-.19123	4.0033	2.3651
SDev	.1858	.1554	.22109	.66492	1.2854	1.3887
%RSD	29.42	25.76	49.774	347.69	32.109	58.715

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	2.6194	1.2393	5.0000	20318.4
SDev	3.1363	.22812	0	26.0221
%RSD	119.73	18.406	0	.12807

Method: TOTAL Sample Name: L1839F Operator: KLC
Run Time: 06/02/10 14:41 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6120	24.17	-.57718	32.29	68.14	.3372
SDev	.582	3.421	.23768	2.367	.1882	.0037
%RSD	95.1	14.15	41.179	7.33	.2761	1.083

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16720.	.1880	.7555	.7545	-.1683	38.10
SDev	13.37	.0635	.2549	.099	.4512	2.518
%RSD	.08	33.75	33.74	13.12	268.1	6.609

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2823.	6170.	44.24	9.024	15890.	1.957
SDev	1.593	3.84	.0641	1.046	5.414	1.453
%RSD	.0564	.0622	.1449	11.6	.0341	74.26

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.6210	-.35054	2.6704	1.016	.0000	1.3067
SDev	1.0183	.13202	.26333	.3472	0	2.9596
%RSD	62.819	37.662	9.8613	34.16	0	226.5

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.764	7.716	-.49404	-.27890	1.4704	1.6962
SDev	.007	.2723	2.2599	1.3262	5.5361	1.2372
%RSD	.399	3.529	457.44	475.5	376.49	72.943

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.4457	3.2818	5.0000	20562.3
SDev	1.9788	1.3827	0	76.7915
%RSD	136.87	42.133	0	.37345

Method: TOTAL Sample Name: L1839SF Operator: KLC
Run Time: 06/02/10 14:47 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5420	1963.	1966.6	957.4	2034.	51.12
SDev	.1033	2.267	5.0365	5.368	3.431	.0537
%RSD	19.05	.1155	.2561	.5607	.1687	.105

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	66870.	50.32	486.1	195.7	246.9	991.1
SDev	112.5	.029	.5724	.2334	.0771	.269
%RSD	.1683	.0576	.1178	.1193	.0312	.0271

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53880.	55800.	553.9	942.4	65440.	509.9
SDev	70.74	132.1	1.133	12.82	123.4	.3309
%RSD	.1313	.2367	.2046	1.361	.1885	.0649

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2003.1	496.34	480.59	1948.	948.5	1948.2
SDev	10.452	1.2885	.63114	8.336	2.041	3.9584
%RSD	.52177	.25959	.13132	.4278	.2152	.20318

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	475.3	518.7	488.45	500.29	1922.6	2043.3
SDev	.9137	.3066	2.7079	3.2836	4.9022	18.117
%RSD	.1923	.0591	.55439	.65635	.25497	.88666

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	490.92	475.43	5.0000	20368.5
SDev	3.5448	2.716	0	2.40443
%RSD	.72207	.57126	0	.0118

Method: TOTAL Sample Name: L1839DF Operator: KLC
Run Time: 06/02/10 14:53 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1637	1972.	1982.2	965.7	2042.	51.65
SDev	.0405	4.157	5.6287	3.883	.0666	.0037
%RSD	24.76	.2108	.28396	.4021	.0033	.0071

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65570.	50.86	490.4	197.1	248.7	993.8
SDev	14.47	.0861	.1372	.3483	.2889	.1678
%RSD	.0221	.1693	.028	.1767	.1161	.0169

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52400.	55020.	556.7	948.8	63640.	516.2
SDev	76.86	19.44	.0978	6.376	101.7	.0737
%RSD	.1467	.0353	.0176	.6721	.1597	.0143

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2020.5	500.59	487.80	1967.	955.1	1964.6
SDev	4.4173	.13122	1.2025	3.712	.4582	5.9
%RSD	.21862	.02621	.24651	.1887	.048	.30031

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478.9	527.1	490.21	505.77	1932.0	2064.7
SDev	.4223	.7228	1.2088	.80024	14.051	.39205
%RSD	.0882	.1371	.24659	.15822	.72728	.01898

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	494.09	484.67	5.0000	20439.4
SDev	1.8623	.87309	0	38.1838
%RSD	.37691	.18014	0	.18681

Method: TOTAL Sample Name: L184NF Operator: KLC
Run Time: 06/02/10 14:59 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2339	29.59	-1.3902	20.71	61.85	.3124
SDev	.2156	4.081	.87907	.301	.1396	.0015
%RSD	92.18	13.79	63.234	1.453	.2256	.4878

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13940.	.1252	.1615	.4935	-.3545	50.73
SDev	34.57	.0428	.0756	.0888	.0717	2.111
%RSD	.2479	34.16	46.79	17.99	20.22	4.161

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2368.	5006.	5.117	5.871	11930.	.8925
SDev	16.16	11.67	.0836	.6428	208.5	.4705
%RSD	.6822	.2331	1.633	10.95	1.748	52.72

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.6700	-.00908	1.3725	1.445	.6000	1.3154
SDev	.62913	.10299	1.8001	2.432	.0009	1.589
%RSD	17.143	1133.7	131.15	168.3	.1581	120.81

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.232	10.11	-1.5544	.76241	5.0067	3.0026
SDev	.0872	.1513	.27422	.01751	1.181	.35363
%RSD	7.077	1.496	17.642	2.2971	23.588	11.777

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	.97921	1.5688	5.0000	20577.2
SDev	2.6191	1.3912	0	32.5269
%RSD	267.47	88.675	0	.15807

Method: TOTAL Sample Name: L184NFL Operator: KLC
Run Time: 06/02/10 15:04 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8167	28.81	-1.7526	6.314	12.31	.3364
SDev	.0413	1.861	.9155	1.596	.0433	.0181
%RSD	5.057	6.461	52.236	25.27	.3515	5.368

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2823.	.0546	.4819	.3171	-1.959	12.27
SDev	.6557	.0022	.1807	.0926	.1487	.6836
%RSD	.0232	4.099	37.5	29.19	7.593	5.57

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	591.8	1006.	1.189	3.562	2450.	1.501
SDev	5.508	1.751	.0277	.3857	87.33	.0867
%RSD	.9307	.1741	2.328	10.83	3.565	5.778

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.7138	-.63780	-.92993	1.844	.0000	1.2723
SDev	2.8256	.2307	1.3796	2.424	0	.8805
%RSD	164.87	36.171	148.36	131.5	0	69.203

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5605	2.667	-.09236	-.91011	-2.8888	-1.1272
SDev	.332	.0633	.16445	.26377	7.9361	.27417
%RSD	59.24	2.375	178.05	28.983	274.72	24.324

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	2.0285	-2.4069	5.0000	20320.7
SDev	1.4921	1.3234	0	3.53553
%RSD	73.555	54.985	0	.01739

Method: TOTAL Sample Name: L184PF Operator: KLC
Run Time: 06/02/10 15:10 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0183	29.43	-2.0874	20.68	63.19	.3318
SDev	.157	4.325	.55206	1.462	.047	.0032
%RSD	858.1	14.7	26.447	7.069	.0743	.9679

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14710.	.0388	.3053	-.2823	-.1959	38.14
SDev	2.023	.0101	.0732	.1889	.1415	2.629
%RSD	.0138	25.94	23.97	66.9	72.26	6.892

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2455.	5278.	4.818	3.086	12310.	.9596
SDev	9.081	5.154	.0781	.2429	35.28	1.175
%RSD	.3699	.0977	1.621	7.871	.2865	122.5

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.00452	-.00379	2.0618	.6391	.2243	-1.2190
SDev	.29746	.19134	1.5946	1.297	.3171	1.6353
%RSD	6577.1	5039.1	77.338	203	141.4	134.15

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.296	7.522	-1.3588	.67268	3.5734	-1.7908
SDev	.5447	.0053	1.7473	1.1592	.07994	.48588
%RSD	42.04	.0703	128.59	172.33	2.2372	27.132

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.0720	2.5560	5.0000	20553.3
SDev	.51561	2.1333	0	132.229
%RSD	48.097	83.461	0	.64334

Method: TOTAL Sample Name: L184QF Operator: KLC
Run Time: 06/02/10 15:16 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6399	27.85	-.19553	20.45	66.08	.3624
SDev	.7554	4.037	.64997	.1077	.1452	.0028
%RSD	118	14.49	332.41	.5269	.2198	.7718

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15630.	.0618	.4142	.1692	-.2155	53.11
SDev	5.646	.0277	.3811	.0422	.4874	.5145
%RSD	.0361	44.77	92.01	24.95	226.1	.9688

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2514.	5586.	11.01	3.623	12680.	1.988
SDev	1.676	.0321	.0219	.7559	60.34	.5673
%RSD	.0666	.0006	.1985	20.87	.4759	28.53

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.8905	-.36881	.32616	.5121	.5999	2.5085
SDev	1.7567	.09568	1.0913	.3649	.0017	1.4503
%RSD	92.925	25.944	334.59	71.25	.2776	57.816

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.208	11.82	.31218	-.70880	2.8184	1.4272
SDev	.0575	.0049	1.5443	.62753	2.8383	4.0508
%RSD	4.762	.0413	494.67	88.534	100.71	283.82

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.8131	-.41616	5.0000	20581.8
SDev	2.4297	2.8491	0	57.1348
%RSD	134.01	684.61	0	.27759

Method: TOTAL Sample Name: L184TF Operator: KLC
Run Time: 06/02/10 15:22 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1620	30.51	.16756	17.70	62.45	.3893
SDev	.9821	1.577	.25516	.5627	.0754	.0013
%RSD	606.4	5.169	152.28	3.179	.1207	.3447

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14080.	.1942	.5755	.2366	-.5045	68.06
SDev	4.671	.1362	.3064	.09	.0834	3.965
%RSD	.0332	70.12	53.23	38.05	16.53	5.826

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2381.	5042.	5.296	2.188	11960.	.4380
SDev	16.14	3.929	.0119	.2536	295	1.378
%RSD	.6776	.0779	.2243	11.59	2.467	314.6

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.3004	-.71385	.57696	.8027	.4508	-.01991
SDev	1.6557	.31442	.26771	1.247	.0005	.49163
%RSD	50.165	44.046	46.4	155.3	.1191	2468.1

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9544	10.81	.22410	-1.1821	6.4695	1.7183
SDev	.5971	.0227	1.3787	.2169	2.5488	1.2098
%RSD	62.56	.2099	615.2	18.349	39.397	70.406

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	2.6555	-.46075	5.0000	20540.3
SDev	.00173	.4005	0	24.4656
%RSD	.0655	86.923	0	.11911

Method: TOTAL Sample Name: L195KB Operator: KLC
Run Time: 06/02/10 15:28 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8566	25.76	-3.1834	.8582	1.140	.3582
SDev	.2622	2.711	.49192	1.334	.0313	.0047
%RSD	30.62	10.52	15.453	155.5	2.743	1.315

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	253.5	.1686	.5528	.4952	-2.352	25.33
SDev	.0127	.0939	.0271	.0381	.0107	6.401
%RSD	.005	55.69	4.898	7.691	.4566	25.28

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	217.6	61.90	.7299	1.932	438.4	.8360
SDev	6.993	2.124	.0141	.9121	76.43	.8702
%RSD	3.214	3.432	1.93	47.21	17.43	104.1

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.3694	.66702	2.3952	H30.76	.2290	-1.3670
SDev	.18106	.61834	.91783	.2701	.3239	1.0907
%RSD	4.1439	92.701	38.319	.8782	141.4	79.787

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4749	10.27	2.4815	-.23885	2.0640	5.5204
SDev	.3325	.0408	1.54	1.6959	2.8565	1.1547
%RSD	70.02	.3975	62.058	710.01	138.4	20.916

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	2.0973	2.5440	5.0000	20143.2
SDev	2.5133	.1213	0	103.802
%RSD	119.83	4.7684	0	.51532

Method: TOTAL Sample Name: L195KC Operator: KLC
Run Time: 06/02/10 15:34 Filename: I50602A
Mode: CONC Type: S Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.20	1846.	1816.3	833.8	1872.	48.19
SDev	.0826	1.977	.86627	1.37	1.136	.0124
%RSD	.175	.1071	.04769	.1644	.0607	.0258

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L232.5	48.93	467.3	185.9	232.6	947.0
SDev	.213	.004	.19	.0081	.0336	.8079
%RSD	.0916	.0082	.0407	.0044	.0145	.0853

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L200.2	L53.83	484.6	885.5	L55.44	491.7
SDev	6.257	.7467	.0699	3.083	.5081	.9975
%RSD	3.125	1.387	.0144	.3482	.9165	.2029

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1810.5	479.77	442.15	1870.	896.2	1853.2
SDev	5.8826	1.7265	2.1126	.9005	.5485	9.7933
%RSD	.32492	.35986	.47778	.0482	.0612	.52845

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	447.8	497.4	473.89	482.71	1726.2	1852.5
SDev	.6781	.1919	2.7773	1.2019	9.3084	4.1723
%RSD	.1514	.0386	.58606	.24899	.53923	.22522

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	452.19	437.14	5.0000	20152.5
SDev	5.7101	.31645	0	31.8198
%RSD	1.2628	.07239	0	.15789

Method: TOTAL Sample Name: CCV Operator: KLC
Run Time: 06/02/10 15:40 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1004.	24660.	499.70	4622.	1978.	2022.
SDev	.2068	16.83	1.1447	10.91	.9737	.4469
%RSD	.0206	.0683	.22908	.236	.0492	.0221

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49070.	519.5	1968.	1962.	1972.	23910.
SDev	15.08	.1987	.0368	1.041	2.166	11.18
%RSD	.0307	.0382	.0019	.053	.1098	.0468

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49720.	49000.	2040.	1923.	47170.	2056.
SDev	48.92	49.7	1.33	22.02	74.33	.2674
%RSD	.0984	.1014	.0652	1.145	.1576	.013

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	503.59	506.00	489.93	4948.	4810.	1012.3
SDev	1.22	1.3154	5.2829	1.982	3.663	.57266
%RSD	.24226	.25995	1.0783	.0401	.0762	.05657

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1922.	2025.	494.92	511.53	478.26	516.23
SDev	1.487	.6265	1.9187	2.93	3.0397	3.3466
%RSD	.0773	.0309	.38767	.57279	.63556	.64828

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	499.42	485.19	5.0000	20140.4
SDev	2.2378	6.8032	0	7.3528
%RSD	.44808	1.4022	0	.0365

Method: TOTAL Sample Name: CCB Operator: KLC
Run Time: 06/02/10 15:45 Filename: I50602A
Mode: CONC Type: Q Corr. Factor: 1.00000
Lab ID.: N.CANTON Cust. Smpl. ID.: Cust. ID.:

Elems	Ag	Al	As	B	Ba	Be
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8594	27.41	-2.2009	9.081	-.0658	.3111
SDev	.5982	2.261	.81878	.7449	.0851	.022
%RSD	69.61	8.248	37.202	8.203	129.2	7.088

Elems	Ca	Cd	Co	Cr	Cu	Fe
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-3.210	.0826	.6647	-.0091	-3.102	3.318
SDev	.5202	.0056	.0254	.2834	.1062	2.416
%RSD	16.21	6.749	3.817	3119	3.423	72.8

Elems	K	Mg	Mn	Mo	Na	Ni
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	174.3	-.1884	.0903	Q10.12	225.9	.5449
SDev	2.149	3.071	.0548	2.996	22.64	.3862
%RSD	1.233	1630	60.66	29.61	10.02	70.88

Elems	Se	Pb	Sb	Sn	Ti	Tl
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.1534	-.79188	1.6424	3.368	.0762	.41929
SDev	1.1168	.66337	.21466	1.795	.1077	.1105
%RSD	35.417	83.772	13.07	53.32	141.4	26.356

Elems	V	Zn	2203\1	2203\2	1960\1	1960\2
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3749	-.1559	.84610	-1.6097	1.7946	3.8317
SDev	.2377	.159	.8673	1.4276	3.8666	.256
%RSD	63.41	101.9	102.51	88.688	215.46	6.6813

Elems	2068/2	2068/1	Y_3710	*Y
Units	ppb	ppb	ppb	
Avge	1.4983	1.7143	5.0000	20322.3
SDev	.74538	.05029	0	83.0146
%RSD	49.748	2.9337	0	.40849

STD2/CCV STD 0E258 ICSA STD 00169 CRI STD 0E261
STD3 STD 0E259 ICSAB STD 00170
STD4 STD 0E260 ICV STD 00167

Dilution H_2O OMR344
Internal Std STOOF267

Test America North Canton ICP/MS Data Review Checklist

Run/Project Information:

Run Date: 6-3-10 Analyst: RAG Instrument: I8
Prep Batches Run: See Run Log

Circle Methods used: 6020/ 200.8: CORP-MT-0001NC

Review Items

A. Tune/Daily performance	Yes	No	N/A	2nd Level
1. Resolution <= 0.9 AMU full width at 10% peak height, and within +/- 0.1 AMU of true mass?	✓			✓
2. Performance check within recommended specifications? (Be>8000cps) (In >300,000 cps) (Pb >100,000 cps) (Co>100000cps) (Mg>10000cps) (CeO/Ce ≤ 0.03) (Ba++/Ba+ ≤ 0.03)(Background < 30cps @ Mass 220) CCT Performance Check (In>75000cps) (Se<20 cps)	✓			✓
B. Calibration/Instrument Run QC				
1. Instrument calibrated per manufacturer's instructions and at SOP specified levels ? Correlation coefficient ≥ .995 ?	✓			✓
2. ICV/CCV analyzed at appropriate frequency and within control limits? *(ICV: = 90 – 110%) (CCV: 90 – 110%, 200.8 = 85 -115%)*	✓			✓
3. ICB/CCB analyzed at appropriate frequency and within +/- RL?	✓			✓
4. CRI run and recovered within QC limits (+/-50%)?	✓			✓
5. ICSA/ICSAB run at required frequency and within SOP control limits?	✓			✓
C. Sample Results				
1. Were samples with concentrations > the linear range for any parameter diluted and reanalyzed ?	✓			✓
2. All reported results bracketed by in control QC ?	✓			✓
3. Sample analyses done within holding time ?	✓			✓
D. Preparation/Matrix QC				
1. LCS done per prep batch and within QC limits ?	✓			✓
2. Method blank done per prep batch and < RL?	✓			✓
3. MS run at required frequency and within limits ?	✓			✓
4. MSD or DU run at required frequency and RPD within SOP limits ?	✓			✓
5. Serial dilution done per prep batch?	✓			✓
6. Post digest spike analyzed if required?	✓			✓
E. Other				
1. Are all nonconformances documented appropriately ?	✓			✓
2. Current IDL/LR data on file ?	✓			✓
3. Calculations checked for error ?	✓			✓
4. Transcriptions checked for error ?	✓			✓
5. All client/project specific requirements met ?	✓			✓
6. Date/time of analysis verified as correct ?	✓			✓

Level I Analyst: Roger K. Jones Date: 6-4-10 Time: 12:39 → 21:55
Level I Analyst: Date: Time:

Level II Reviewer: Natalie J. Muselman 6-5-10 Time: 12:39-21:55
Level II Reviewer: Date: Time:

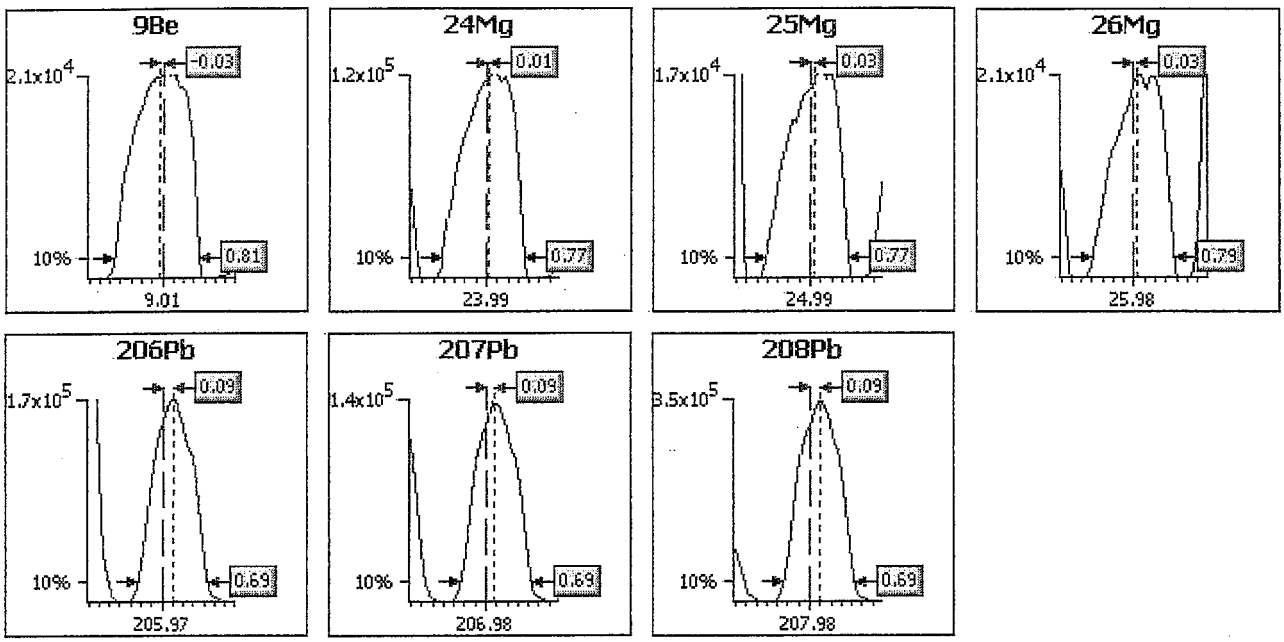
Comments:

Performance Report

Sample details
Acquired at : 6/2/2010 13:23:39
Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Mass Calibration verification

Acquisition parameters
Sweeps : 10
Dwell : 5.0 mSecs
Point spacing : 0.02 amu
Peak width measured at 10% of the peak maximum



Analyte	Limits			Results	
	Max. width	Min. width	Max. error	Peak width	Peak error
9Be	0.85	0.65	0.10	0.81	-0.03
24Mg	0.85	0.65	0.10	0.77	0.01
25Mg	0.85	0.65	0.10	0.77	0.03
26Mg	0.85	0.65	0.10	0.79	0.03
206Pb	0.85	0.65	0.10	0.69	0.09
207Pb	0.85	0.65	0.10	0.69	0.09
208Pb	0.85	0.65	0.10	0.69	0.09

Sample details
Acquired at : 6/2/2010 13:23:39
Report name : STD MODE PERF REPORT [8/11/2009 07:18:25]

Tune conditions

Major	
Extraction	-94.1
Lens 1	-1153
Lens 2	-80.0
Focus	11.6
D1	-46.3
D2	-140
Pole Bias	0.0
Hexapole Bias	-4.0
Nebuliser	0.82

Minor	
Lens 3	-195.3
Forward power	1404
Horizontal	75
Vertical	275
DA	-46.3
Cool	13.0
Auxiliary	0.90
Sampling Depth	150

Global	
Standard resolution	130
High resolution	125
Analogue Detector	1575
PC Detector	3225

Add. Gases	
He_H2	0.00
He_H2	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 30

Run	Time	5Bkg	9Be	24Mg	25Mg	26Mg	59Co	137Ba++	101Bkg	115In
Dwell (mSecs)		100.0	10.0	10.0	10.0	10.0	10.0	30.0	100.0	10.0
Limits	%RSD	-	5.0%	-	5.0%	-	5.0%	-	-	5.0%
	Countrate	-	>8000	>10000	>10000	>10000	>100000	-	-	>300000
1	13:24:13	0.000	21243.530	117684.02	16087.761	18867.340	247785.00	1096.703	0.000	505765.95
2	13:24:31	0.000	21250.205	114783.90	15867.550	18490.251	248336.45	1124.482	0.000	505168.22
3	13:24:49	0.000	21303.607	117099.93	16101.107	18360.107	248072.56	1140.039	0.000	506377.43
4	13:25:07	0.000	21497.188	116183.55	15770.791	19207.728	247920.32	1051.144	0.333	501836.47
5	13:25:24	0.000	21377.034	118234.57	16064.405	18864.003	248759.35	1112.259	0.000	498165.44
x		0.000	21334.313	116797.20	15978.323	18757.886	248174.74	1104.926	0.067	503462.70
σ		0.00	105.61	1357.76	149.84	337.44	385.68	34.02	0.15	3442.93
%RSD		0.000	0.495	1.162	0.938	1.799	0.155	3.079	223.607	0.684

Run	Time	137Ba	140Ce	156Ce O	206Pb	207Pb	208Pb	220Bkg
Dwell (mSecs)		10.0	10.0	30.0	10.0	10.0	10.0	100.0
Limits	%RSD	-	-	-	-	-	5.0%	-
	Countrate	-	-	-	>100000	>100000	>100000	<30
1	13:24:13	58271.690	477051.00	12041.015	155347.29	125547.76	314720.34	0.000
2	13:24:31	57746.534	477946.10	12346.794	157897.76	127764.51	318694.80	0.000
3	13:24:49	58345.280	483667.66	11817.521	157557.90	128110.48	318005.15	0.000
4	13:25:07	57174.567	482110.16	12373.480	157329.08	125826.52	319680.07	0.000
5	13:25:24	57281.600	477884.37	11340.524	157207.95	125154.82	316636.12	0.333
x		57763.934	479731.86	11983.867	157068.00	126480.82	317547.30	0.067
σ		542.24	2955.33	426.71	997.13	1356.53	1929.83	0.15
%RSD		0.939	0.616	3.561	0.635	1.073	0.608	223.607

Ratio results

Run	Time	137Ba++/137Ba	156Ce O/140Ce
Ratio limits		<0.0300	<0.0300
1	13:24:13	0.019	0.025
2	13:24:31	0.019	0.026
3	13:24:49	0.020	0.024
4	13:25:07	0.018	0.026
5	13:25:24	0.019	0.024
x		0.0191	0.0250
σ		0.00	0.00
%RSD		2.6386	3.5383

Result : The performance report passed.

Performance Report

Sample details
Acquired at : 6/2/2010 13:28:12
Report name : CCT MODE PERF REPORT [5/14/2008 11:21:44]

Tune conditions

Major	
Extraction	-113.7
Lens 1	-1176
Lens 2	-80.0
Focus	2.2
D1	-47.1
D2	-140
Pole Bias	-14.0
Hexapole Bias	-17.0
Nebuliser	0.82

Minor	
Lens 3	-195.3
Forward power	1404
Horizontal	75
Vertical	275
DA	-46.3
Cool	13.0
Auxiliary	0.90
Sampling Depth	150

Global	
Standard resolution	130
High resolution	125
Analogue Detector	1575
PC Detector	3225

Add. Gases	
He_H2	1.84
He_H2	0.00

Sensitivity and stability results

Acquisition parameters
Sweeps : 30

Run	Time	78Se	115In
Dwell (mSecs)		500.0	10.0
Limits	%RSD	-	5.0%
	Countrate	<20	>75000
1	13:28:13	9.000	88571.390
2	13:28:30	8.200	91239.055
3	13:28:48	8.733	90183.333
4	13:29:05	9.200	90072.737
5	13:29:23	10.000	90913.953
X		9.027	90196.093
σ		0.66	1031.76
%RSD		7.322	1.144

Result : The performance report passed.

Experiment Details

Description	PlasmaLab Template BlankExperiment
Template Filename	C:\Program Files\Thermo Fisher\PlasmaLab\Templates\TEST AMERICA NORTH CANTON_MULTIMODE.tet
Created By User	martin.nash
Analyte Database	TA NORTH CANTON MULTIMODE.tea
Creation Timestamp	10/10/2007 09:08:48
Last Edited By	Upload
Last Edit Timestamp	6/3/2010 12:38:08
Instrument Detector	Simultaneous
Database Version	3,51
Acquisition Mode	Unknown

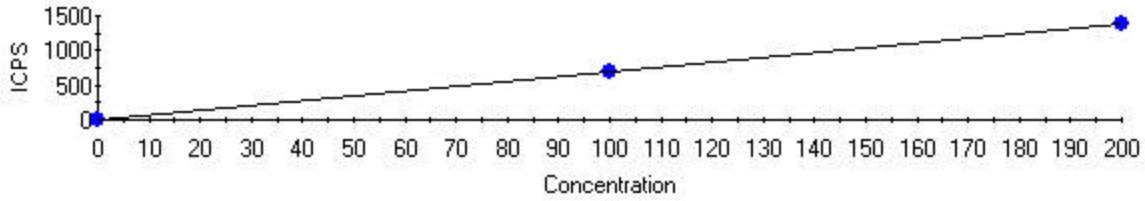
Numerical Results report key (text indicates meaning)

Blue text indicates that cell is a statistic.
Underlining indicates that a data warning flag is set.

Column headings	Result cells	Data warning flags
No flag	Internal Standard	I - Invalid calibration
Semi Quant	Excluded	T - Tripped
Standard Addition	QC Warning	F - Interference correction failed
Multi Element	QC Failure	M - Result over max
	Transient TRA only:	V - Valley integration failed
	Peak Not Found	D - Different method used
	Manually Edited	
	Merged Peak	

Fully Quant Calibration

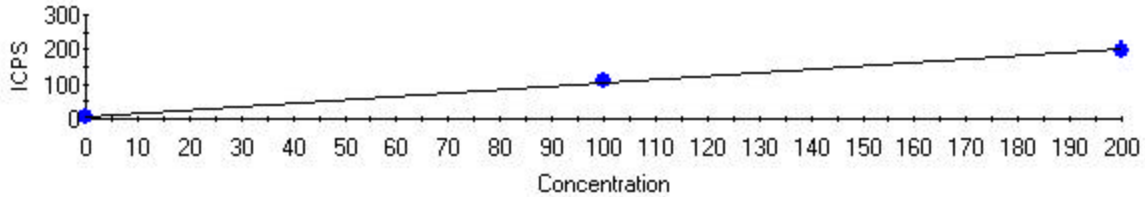
9Be FQ Block 1



Intercept CPS=0.361785 Intercept Conc=0.051973
Sensitivity=6.961002 Correlation Coeff=0.999981

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	0.36	0.00
STD2	100.000	99.139	0.861	690.47	0.86
STD3	200.000	200.430	0.430	1395.56	0.22

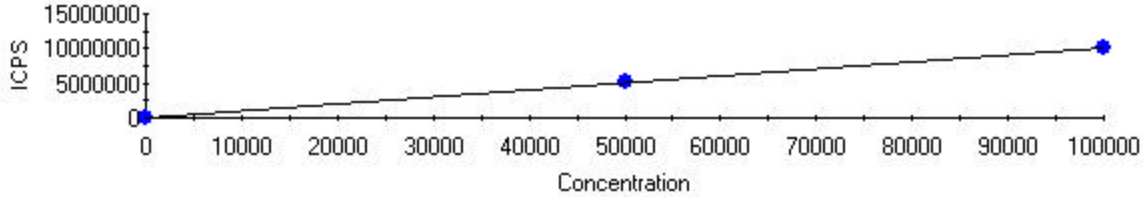
10B FQ Block 1



Intercept CPS=5.537623 Intercept Conc=5.675117
Sensitivity=0.975772 Correlation Coeff=0.999305

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	5.54	0.00
STD2	100.000	105.102	5.102	108.09	5.10
STD4	200.000	197.449	2.551	198.20	1.28

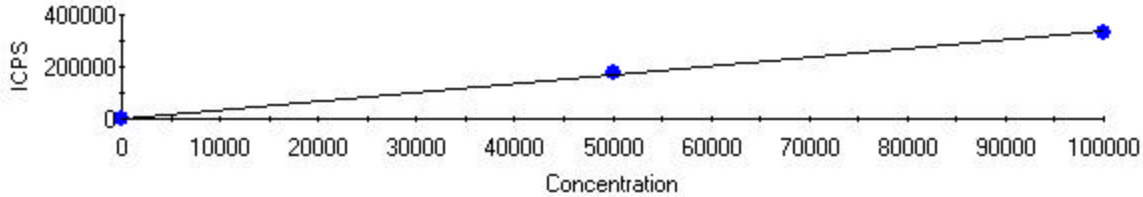
23Na FQ Block 1



Intercept CPS=998.671823 Intercept Conc=9.931045
Sensitivity=100.560594 Correlation Coeff=0.999581

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	998.67	0.00
STD2	50000.000	51986.700	1986.700	5228812.15	3.97
STD3	100000.000	99006.650	993.350	9957166.21	0.99

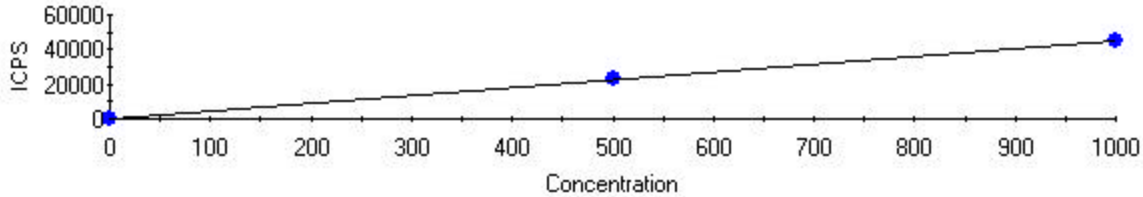
25Mg FQ Block 1



Intercept CPS=5.494707 Intercept Conc=1.624181
Sensitivity=3.383063 Correlation Coeff=0.999435

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	5.49	0.00
STD2	50000.000	52303.698	2303.698	176952.20	4.61
STD3	100000.000	98848.151	1151.849	334415.02	1.15

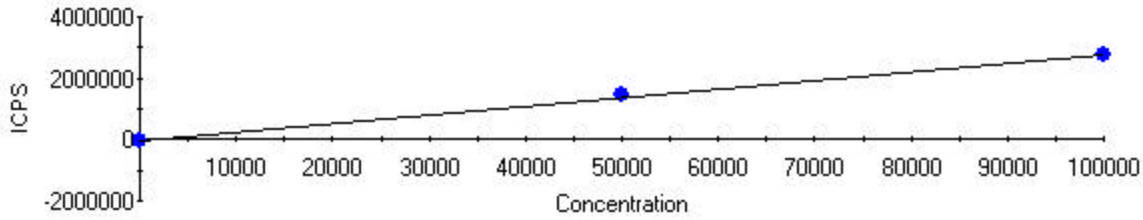
27Al FQ Block 1



Intercept CPS=360.285000 Intercept Conc=8.107485
Sensitivity=44.438564 Correlation Coeff=0.999701

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	360.28	0.00
STD2	500.000	516.791	16.791	23325.74	3.36
STD3	1000.000	991.604	8.396	44425.76	0.84

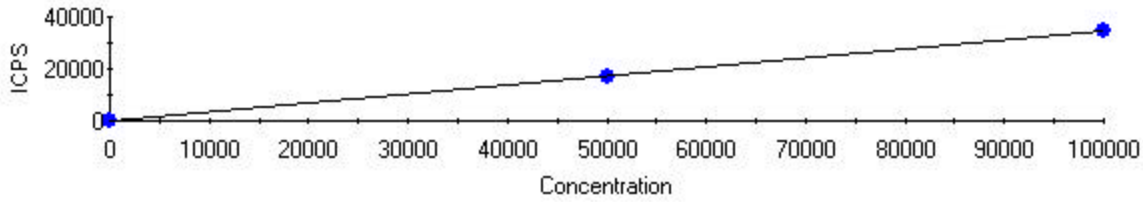
39K FQ Block 1



Intercept CPS=-31249.142324 Intercept Conc=-1118.374632
Sensitivity=27.941569 Correlation Coeff=0.999457

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	-31249.14	0.00
STD2	50000.000	52258.825	2258.825	1428944.43	4.52
STD3	100000.000	98870.588	1129.412	2731350.24	1.13

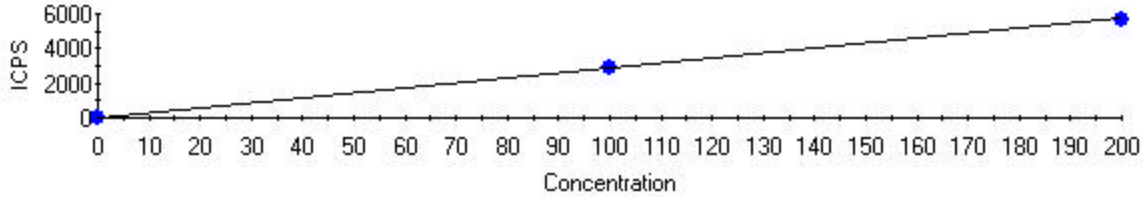
43Ca FQ Block 1



Intercept CPS=5.139055 Intercept Conc=14.913109
Sensitivity=0.344600 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	5.14	0.00
STD2	50000.000	50002.292	2.292	17235.92	0.00
STD3	100000.000	99998.854	1.146	34464.73	0.00

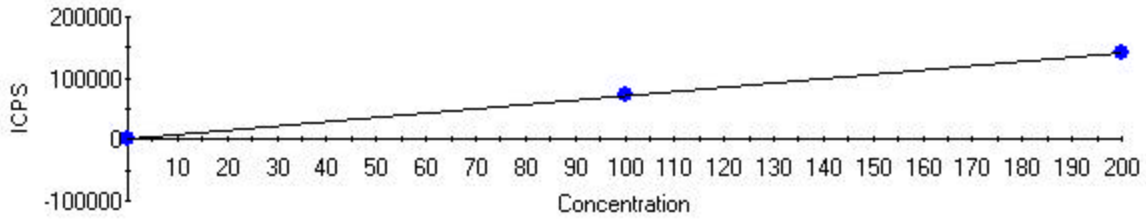
47Ti FQ Block 1



Intercept CPS=0.000000 Intercept Conc=0.000000
Sensitivity=28.568070 Correlation Coeff=0.999916

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	0.00	0.00
STD2	100.000	101.791	1.791	2907.97	1.79
STD4	200.000	199.105	0.895	5688.03	0.45

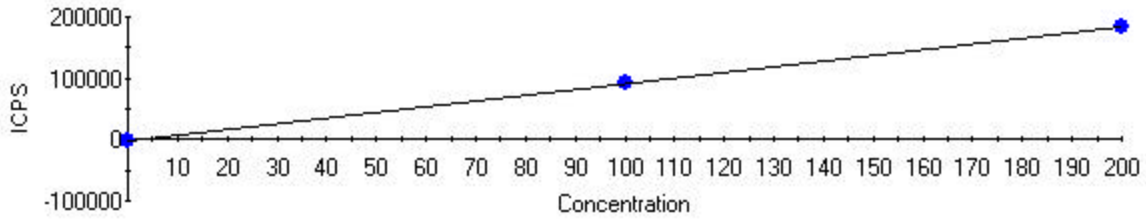
51V FQ Block 1



Intercept CPS=-304.453467 Intercept Conc=-0.429175
Sensitivity=709.391604 Correlation Coeff=0.999871

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	-304.45	0.00
STD2	100.000	102.210	2.210	72202.51	2.21
STD3	200.000	198.895	1.105	140789.96	0.55

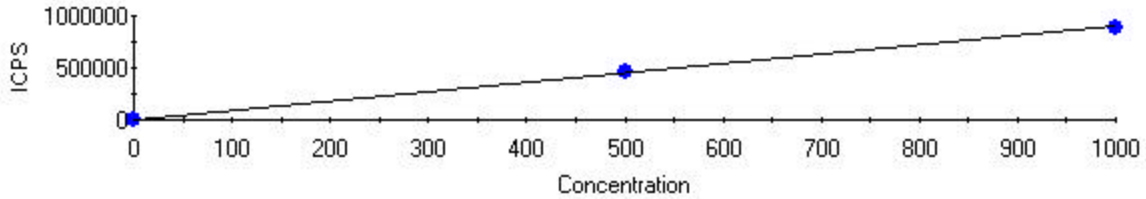
52Cr FQ Block 1



Intercept CPS=-703.159112 Intercept Conc=-0.760509
Sensitivity=924.589849 Correlation Coeff=0.999850

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	-703.16	0.00
STD2	100.000	102.382	2.382	93958.58	2.38
STD3	200.000	198.809	1.191	183113.43	0.60

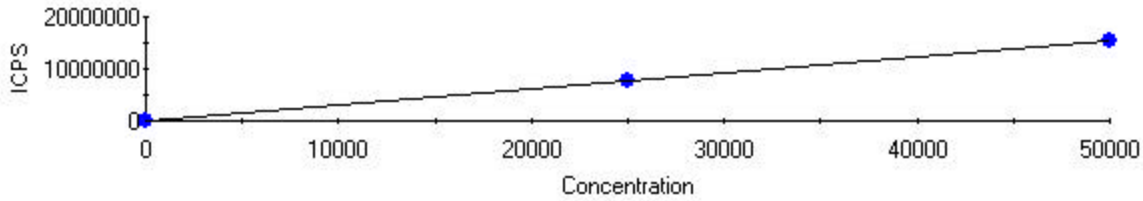
55Mn FQ Block 1



Intercept CPS=33.338285 Intercept Conc=0.037249
Sensitivity=895.000992 Correlation Coeff=0.999926

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	33.34	0.00
STD2	500.000	508.382	8.382	455035.40	1.68
STD3	1000.000	995.809	4.191	891283.55	0.42

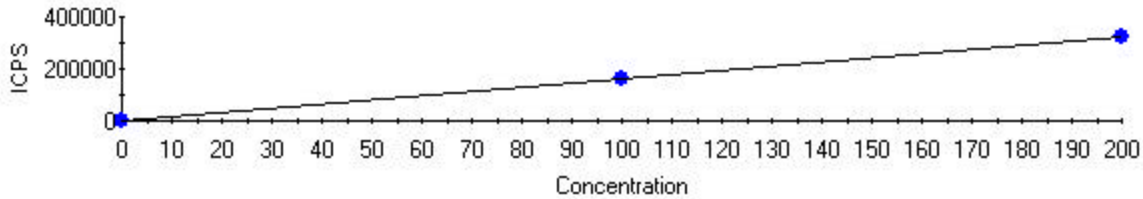
56Fe FQ Block 1



Intercept CPS=1201.758869 Intercept Conc=3.902658
Sensitivity=307.933423 Correlation Coeff=0.999998

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	1201.76	0.00
STD2	25000.000	24924.243	75.757	7676209.09	0.30
STD3	50000.000	50037.879	37.879	15409537.04	0.08

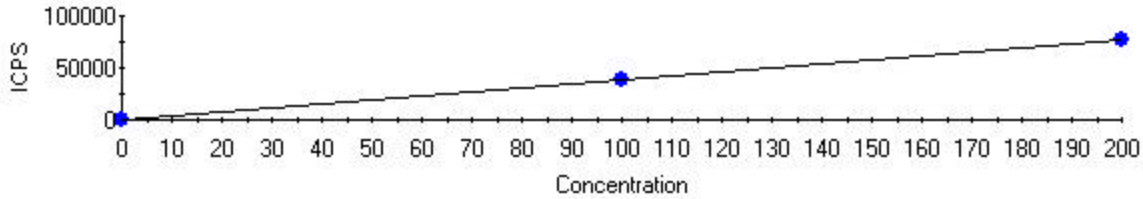
59Co FQ Block 1



Intercept CPS=13.350463 Intercept Conc=0.008273
Sensitivity=1613.818742 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	13.35	0.00
STD2	100.000	99.772	0.228	161027.43	0.23
STD3	200.000	200.114	0.114	322961.00	0.06

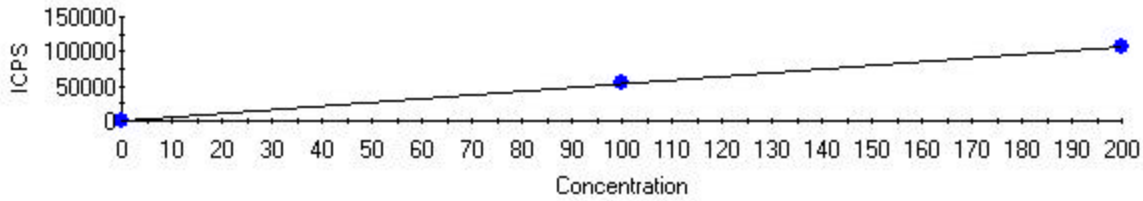
60Ni FQ Block 1



Intercept CPS=52.222470 Intercept Conc=0.136992
Sensitivity=381.208167 Correlation Coeff=0.999942

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	52.22	0.00
STD2	100.000	101.491	1.491	38741.29	1.49
STD3	200.000	199.255	0.745	76009.73	0.37

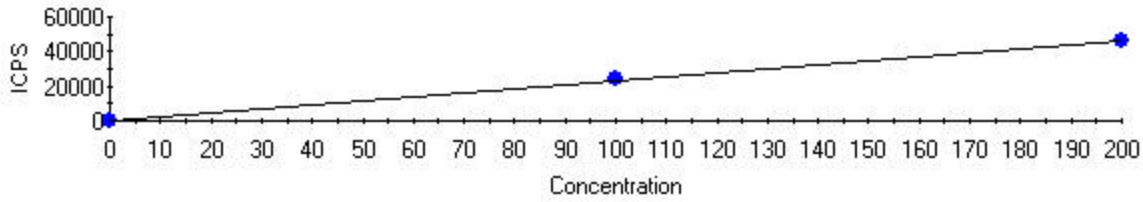
65Cu FQ Block 1



Intercept CPS=15.541211 Intercept Conc=0.029091
Sensitivity=534.227114 Correlation Coeff=0.999955

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	15.54	0.00
STD2	100.000	101.307	1.307	54136.59	1.31
STD3	200.000	199.346	0.654	106511.80	0.33

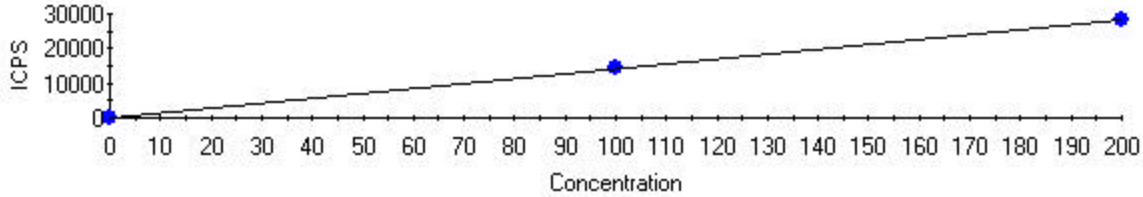
66Zn FQ Block 1



Intercept CPS=226.651134 Intercept Conc=0.978219
Sensitivity=231.697818 Correlation Coeff=0.999575

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	226.65	0.00
STD2	100.000	103.999	3.999	24323.07	4.00
STD3	200.000	198.000	2.000	46102.89	1.00

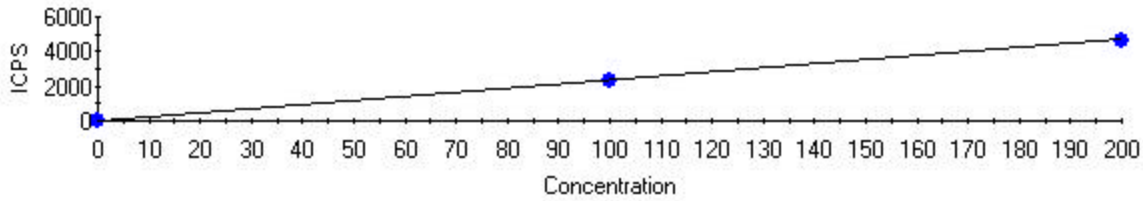
75As FQ Block 1



Intercept CPS=216.916791 Intercept Conc=1.551387
Sensitivity=139.821227 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	216.92	0.00
STD2	100.000	99.964	0.036	14194.07	0.04
STD3	200.000	200.018	0.018	28183.65	0.01

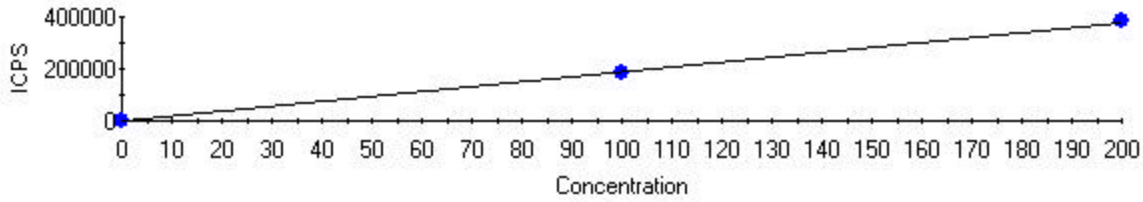
78Se FQ Block 1



Intercept CPS=12.152173 Intercept Conc=0.521447
Sensitivity=23.304735 Correlation Coeff=0.999976

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	12.15	0.00
STD2	100.000	100.948	0.948	2364.71	0.95
STD3	200.000	199.526	0.474	4662.05	0.24

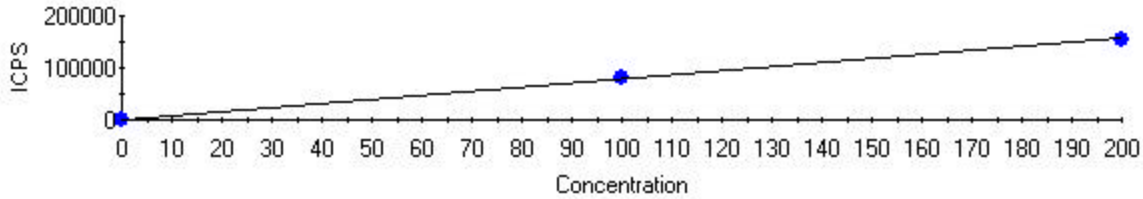
88Sr FQ Block 1



Intercept CPS=203.486862 Intercept Conc=0.107356
Sensitivity=1895.443525 Correlation Coeff=0.999881

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	203.49	0.00
STD2	100.000	97.848	2.152	185668.49	2.15
STD3	200.000	201.076	1.076	381331.87	0.54

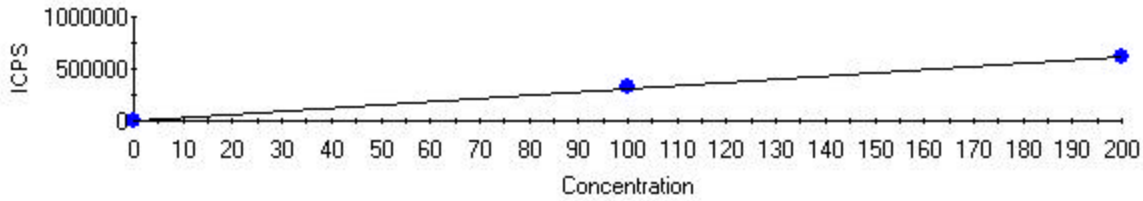
95Mo FQ Block 1



Intercept CPS=19.990571 Intercept Conc=0.025479
Sensitivity=784.589287 Correlation Coeff=0.999662

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	19.99	0.00
STD2	100.000	103.572	3.572	81281.48	3.57
STD4	200.000	198.214	1.786	155536.57	0.89

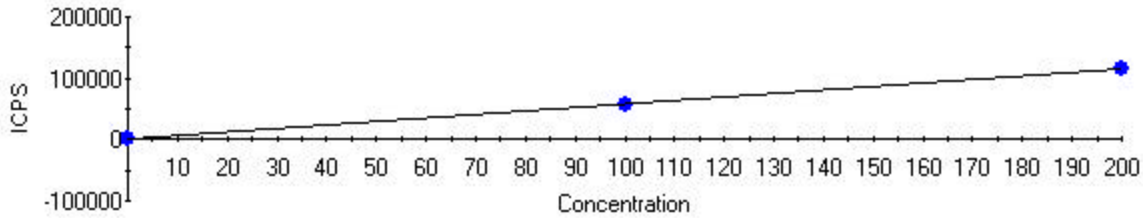
107Ag FQ Block 1



Intercept CPS=1.108622 Intercept Conc=0.000357
Sensitivity=3101.428804 Correlation Coeff=0.999773

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	1.11	0.00
STD2	100.000	102.934	2.934	319242.53	2.93
STD3	200.000	198.533	1.467	615737.60	0.73

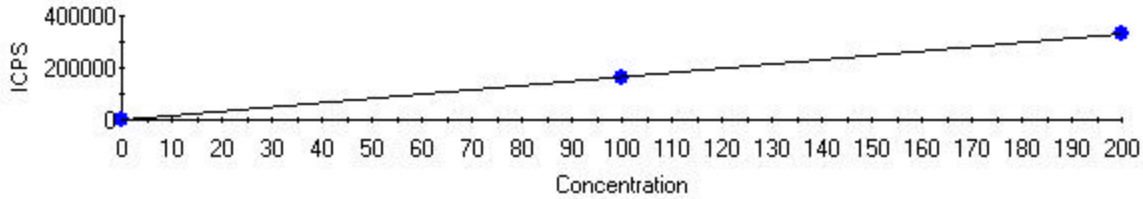
111Cd FQ Block 1



Intercept CPS=3.349649 Intercept Conc=0.005831
Sensitivity=574.466934 Correlation Coeff=0.999965

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	3.35	0.00
STD2	100.000	101.154	1.154	58113.00	1.15
STD3	200.000	199.423	0.577	114565.26	0.29

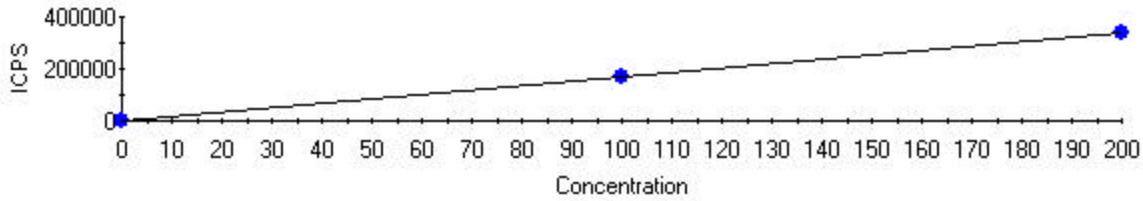
118Sn FQ Block 1



Intercept CPS=87.807015 Intercept Conc=0.052856
Sensitivity=1661.239120 Correlation Coeff=0.999971

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	87.81	0.00
STD2	100.000	98.933	1.067	164439.19	1.07
STD4	200.000	200.533	0.533	333221.89	0.27

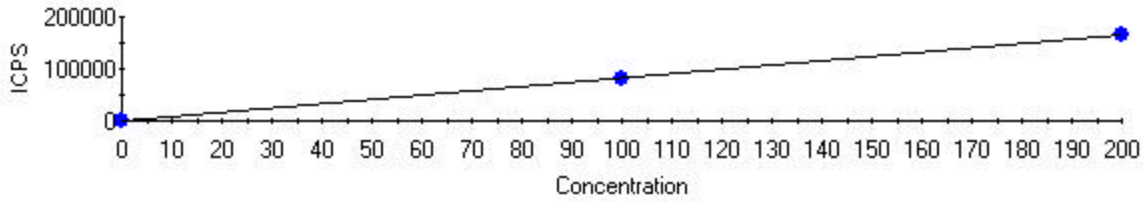
121Sb FQ Block 1



Intercept CPS=16.717308 Intercept Conc=0.009865
Sensitivity=1694.574030 Correlation Coeff=0.999999

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	16.72	0.00
STD2	100.000	100.192	0.192	169799.31	0.19
STD4	200.000	199.904	0.096	338768.93	0.05

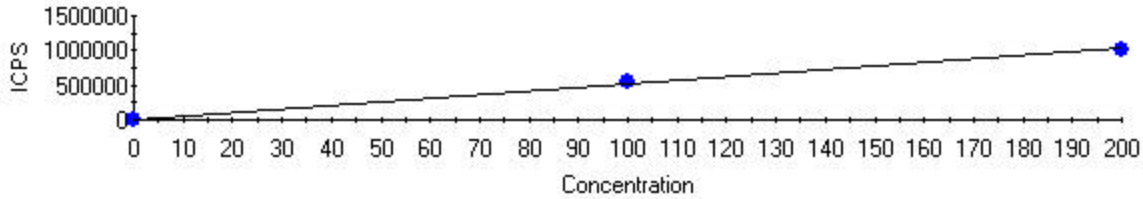
137Ba FQ Block 1



Intercept CPS=25.482629 Intercept Conc=0.031053
Sensitivity=820.612489 Correlation Coeff=0.999823

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	25.48	0.00
STD2	100.000	97.373	2.627	79930.99	2.63
STD3	200.000	201.313	1.313	165225.85	0.66

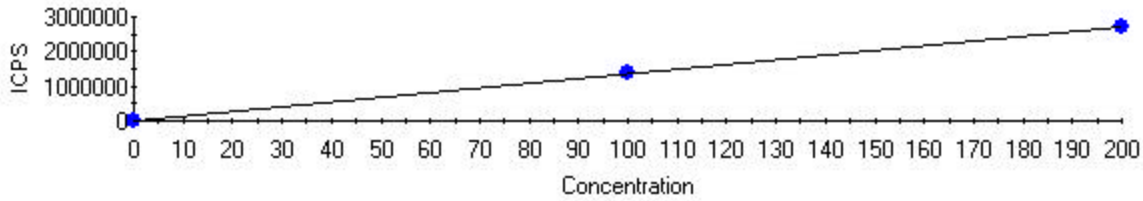
182W FQ Block 1



Intercept CPS=151.917915 Intercept Conc=0.029521
Sensitivity=5146.059595 Correlation Coeff=0.998767

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	151.92	0.00
STD2	100.000	106.770	6.770	549596.19	6.77
STD4	200.000	196.615	3.385	1011944.68	1.69

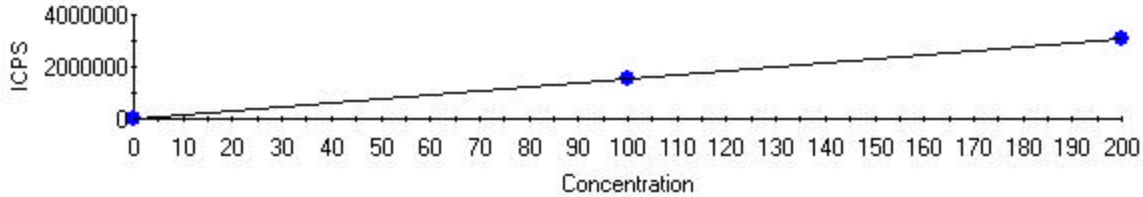
205Tl FQ Block 1



Intercept CPS=282.851999 Intercept Conc=0.020712
Sensitivity=13656.414186 Correlation Coeff=0.999975

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	0.000	0.000	282.85	0.00
STD2	100.000	100.972	0.972	1379203.91	0.97
STD3	200.000	199.514	0.486	2724925.87	0.24

208Pb FQ Block 1



Intercept CPS=483.734853 Intercept Conc=0.031543
Sensitivity=15335.580403 Correlation Coeff=1.000000

Label	Defined	Measured	Error	Mean CPS	% Error
STD1	0.000	-0.000	0.000	483.73	0.00
STD2	100.000	100.124	0.124	1535946.61	0.12
STD3	200.000	199.938	0.062	3066647.40	0.03

Dilution Corrected Concentrations

STD1 6/3/2010 12:39:35

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.000%	-0.000	-0.000
%RSD		3.661	0.000	0.000
Run	Time	23Na	25Mg	27Al
		ppb	ppb	ppb
x		-0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	35Cl	39K	43Ca
		ppb	ppb	ppb
x		T 0.000	0.000	-0.000
%RSD		T 0.000	0.000	0.000
Run	Time	45Sc	45Sc	47Ti
		ppb	ppb	ppb
x		100.000%	100.000%	0.000
%RSD		1.223	1.375	0.000
Run	Time	51V	52Cr	53Cl O
		ppb	ppb	ppb
x		0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	55Mn	56Fe	59Co
		ppb	ppb	ppb
x		-0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	60Ni	65Cu	66Zn
		ppb	ppb	ppb
x		-0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	72Ge	75As	77Ar Cl
		ppb	ppb	ppb
x		100.000%	-0.000	-0.000
%RSD		0.426	0.000	0.000
Run	Time	78Se	88Sr	95Mo
		ppb	ppb	ppb
x		-0.000	-0.000	-0.000
%RSD		0.000	0.000	0.000
Run	Time	105Pd	107Ag	108Mo O
		ppb	ppb	ppb
x		0.000	0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	111Cd	115In	118Sn
		ppb	ppb	ppb
x		0.000	100.000%	-0.000
%RSD		0.000	2.557	0.000
Run	Time	121Sb	137Ba	159Tb
		ppb	ppb	ppb
x		0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	165Ho	182W	205Tl
		ppb	ppb	ppb
x		0.000	-0.000	0.000
%RSD		0.000	0.000	0.000
Run	Time	208Pb	209Bi	
		ppb	ppb	
x		-0.000	100.000%	
%RSD		0.000	1.747	

STD2 6/3/2010 12:43:19

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		97.413%	99.140	105.100
%RSD		5.724	10.010	19.180
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 51990.000	52300.000	516.800
%RSD		T 4.016	2.090	3.476
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	52260.000	50000.000
%RSD		T 0.000	2.998	0.547
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.710%	97.177%	101.800
%RSD		1.073	0.788	4.821
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		102.200	102.400	21.500
%RSD		3.278	2.118	32.690
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		508.400	T 24920.000	99.770
%RSD		0.766	T 1.842	1.235
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		101.500	101.300	104.000
%RSD		2.422	1.274	1.355
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.369%	99.960	-0.623
%RSD		0.950	1.313	37.350
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		100.900	97.850	103.600
%RSD		0.507	1.699	2.564
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.900	50.370
%RSD		0.000	1.939	131.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.200	94.919%	98.930
%RSD		0.695	1.154	1.508
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.200	97.370	0.000
%RSD		2.109	1.813	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	106.800	101.000
%RSD		0.000	4.293	1.804
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.100	88.271%	
%RSD		1.932	0.863	

STD3 6/3/2010 12:47:15

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		92.041%	M 200.400	10.860
%RSD		1.315	M 0.675	49.110
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 99010.000	M 98850.000	M 991.600
%RSD		TM 2.672	M 3.125	M 3.750
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	TM 98870.000	M 100000.000
%RSD		T 0.000	TM 3.506	M 2.685
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		99.995%	99.964%	0.431
%RSD		1.568	1.094	16.640
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		M 198.900	M 198.800	53.860
%RSD		M 3.585	M 3.444	17.780
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		M 995.800	TM 50040.000	M 200.100
%RSD		M 3.634	TM 4.219	M 2.653
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		M 199.300	M 199.300	M 198.000
%RSD		M 2.510	M 2.663	M 2.582
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.198%	M 200.000	-0.766
%RSD		0.935	M 1.969	79.340
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		M 199.500	M 201.100	0.456
%RSD		M 3.909	M 2.611	26.140
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	M 198.500	87.450
%RSD		0.000	M 2.685	57.950
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		M 199.400	95.505%	0.265
%RSD		M 3.413	0.249	43.420
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.202	M 201.300	0.000
%RSD		8.471	M 2.487	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.641	M 199.500
%RSD		0.000	18.560	M 4.243
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		M 199.900	85.441%	
%RSD		M 4.338	0.829	

STD4 6/3/2010 12:51:21

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		96.877%	-0.052	M 197.400
%RSD		5.812	0.000	M 12.540
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		28.650	23.990	7.941
%RSD		8.070	46.950	23.130
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	83.800	38.770
%RSD		T 0.000	23.110	37.310
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		103.359%	102.869%	M 199.100
%RSD		3.306	2.384	M 3.099
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.413	0.114	-3.267
%RSD		63.090	37.450	31.960
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.255	21.090	0.057
%RSD		14.660	16.480	31.130
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.029	0.085	0.058
%RSD		79.360	36.090	285.300
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		104.316%	0.088	-0.029
%RSD		1.605	46.050	140.800
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.050	0.093	M 198.200
%RSD		410.100	18.870	M 1.318
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.062	9.698
%RSD		0.000	18.120	31.380
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.094	102.820%	M 200.500
%RSD		58.860	1.626	M 1.060
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		M 199.900	0.100	0.000
%RSD		M 1.809	18.290	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	M 196.600	0.554
%RSD		0.000	M 1.932	17.680
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.090	105.485%	
%RSD		6.727	1.753	

ICV 6/3/2010 12:55:09 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		97.945%	101.309%	126.824%
%RSD		7.705	6.148	15.720
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 102.289%	103.949%	110.279%
%RSD		T 3.707	3.082	0.537
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	110.300%	105.804%
%RSD		T 0.000	1.342	0.508
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		103.323%	102.953%	102.216%
%RSD		1.203	0.780	5.566
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		103.439%	102.179%	20.940
%RSD		2.339	1.296	32.260
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		105.953%	T 102.487%	103.732%
%RSD		0.423	T 1.830	1.106
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		105.546%	106.472%	105.857%
%RSD		2.842	0.563	1.307
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.315%	102.972%	-0.437
%RSD		0.364	1.181	45.810
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		102.902%	102.027%	104.340%
%RSD		3.406	2.398	2.652
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.512%	77.940
%RSD		0.000	1.467	17.860
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.838%	101.479%	99.720%
%RSD		0.935	1.262	1.334
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.579%	101.095%	0.000
%RSD		2.297	3.704	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	106.837%	101.064%
%RSD		0.000	4.092	1.664
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		102.151%	93.949%	
%RSD		1.241	0.609	

ICB 6/3/2010 12:59:13 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		97.838%	-0.052	-1.832
%RSD		7.414	0.000	126.000
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		12.890	13.530	0.408
%RSD		20.340	45.680	268.900
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	14.590	11.120
%RSD		T 0.000	169.200	163.500
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		106.235%	106.495%	0.255
%RSD		0.850	1.038	23.810
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.071	0.007	0.542
%RSD		617.200	516.600	322.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.151	10.810	0.024
%RSD		28.070	13.610	28.510
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.039	0.044	0.096
%RSD		75.240	59.480	138.200
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		108.427%	0.062	-0.136
%RSD		0.383	245.100	19.150
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.004	0.001	0.353
%RSD		3287.000	1969.000	17.380
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.024	0.299
%RSD		0.000	40.680	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.015	107.737%	0.294
%RSD		126.900	0.703	34.370
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.422	0.009	0.000
%RSD		15.740	106.500	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.767	0.378
%RSD		0.000	14.460	15.890
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.040	107.316%	
%RSD		16.360	1.674	

CRI 6/3/2010 13:03:10 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		99.118%	91.318%	84.645%
%RSD		1.824	51.980	31.390
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		115.866%	106.432%	117.293%
%RSD		3.542	7.879	4.844
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	118.910%	108.806%
%RSD		T 0.000	1.806	11.070
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		103.885%	104.541%	118.577%
%RSD		1.654	1.997	1.489
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		108.847%	105.549%	-1.336
%RSD		5.189	2.368	24.680
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		132.628%	130.482%	103.496%
%RSD		5.380	7.840	4.589
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		105.108%	114.589%	110.808%
%RSD		3.685	4.724	2.917
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		101.694%	108.179%	-0.050
%RSD		1.564	6.572	73.920
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		107.563%	97.773%	102.383%
%RSD		13.470	2.289	4.095
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	112.210%	2.775
%RSD		0.000	1.457	108.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.957%	104.760%	100.006%
%RSD		10.600	1.742	0.740
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.683%	97.818%	0.000
%RSD		4.114	4.530	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	97.247%	111.995%
%RSD		0.000	1.968	1.080
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.029%	104.653%	
%RSD		2.405	1.417	

ICSA 6/3/2010 13:06:58 QC Status: PASS (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		81.883%	0.006	1.610
%RSD		10.155	1598.000	176.100
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 53000.000	53370.000	M 50670.000
%RSD		T 4.328	3.725	M 3.804
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	52650.000	53550.000
%RSD		T 0.000	3.028	2.878
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		82.613%	84.058%	M 1078.000
%RSD		1.807	1.072	M 2.358
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.179	0.711	-1.645
%RSD		280.600	8.183	181.100
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.252	TM 50490.000	0.097
%RSD		3.311	TM 1.608	7.489
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.435	0.213	1.743
%RSD		18.890	12.230	12.500
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.253%	0.395	-0.119
%RSD		0.887	16.850	96.960
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.066	3.141	M 1032.000
%RSD		150.800	4.392	M 2.563
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.087	54.910
%RSD		0.000	10.080	4.312
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.648	89.363%	0.162
%RSD		17.430	0.325	14.060
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.234	0.150	0.000
%RSD		8.075	15.070	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.313	0.127
%RSD		0.000	3.432	2.039
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.154	86.753%	
%RSD		6.591	1.308	

ICSAB 6/3/2010 13:10:51 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		75.037%	111.265%	116.162%
%RSD		11.688	13.340	12.830
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 103.109%	102.714%	M 99.385%
%RSD		T 0.571	1.361	M 1.685
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	104.974%	103.854%
%RSD		T 0.000	2.913	2.294
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		83.431%	82.716%	M 104.143%
%RSD		1.384	1.017	M 1.439
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		102.671%	101.504%	19.980
%RSD		1.141	1.239	37.430
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		108.721%	TM 100.495%	96.707%
%RSD		1.172	TM 2.019	0.830
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.023%	98.698%	98.739%
%RSD		2.567	2.718	2.113
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		85.837%	96.329%	-0.654
%RSD		0.723	2.160	17.490
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		97.329%	98.984%	M 100.943%
%RSD		3.101	1.147	M 2.263
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	99.254%	67.180
%RSD		0.000	2.151	116.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		99.766%	90.585%	98.128%
%RSD		1.927	0.591	1.774
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		98.385%	99.448%	0.000
%RSD		2.213	2.524	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	104.324%	98.270%
%RSD		0.000	3.081	1.916
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		98.265%	92.031%	
%RSD		1.254	1.714	

CCV 6/3/2010 13:14:53 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		82.814%	107.635%	113.692%
%RSD		11.306	10.150	21.390
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 98.828%	99.269%	103.671%
%RSD		T 1.582	0.565	2.570
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	101.697%	101.868%
%RSD		T 0.000	0.643	1.083
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		90.644%	90.961%	102.948%
%RSD		2.537	1.123	5.256
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.708%	99.926%	21.480
%RSD		1.574	0.738	5.414
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		102.530%	T 99.018%	99.695%
%RSD		1.487	T 2.506	1.235
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.284%	100.298%	102.073%
%RSD		2.685	1.492	1.336
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.156%	99.320%	-0.584
%RSD		0.460	1.245	28.990
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.855%	98.930%	111.091%
%RSD		0.175	1.655	2.466
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.913%	35.240
%RSD		0.000	0.394	34.240
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		101.395%	94.370%	99.495%
%RSD		1.671	0.512	1.244
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.395%	99.620%	0.000
%RSD		0.815	1.688	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	106.566%	98.340%
%RSD		0.000	1.411	1.636
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		98.139%	95.464%	
%RSD		0.964	1.665	

CCB 6/3/2010 13:18:50 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.380%	0.191	-1.322
%RSD		8.372	111.300	84.580
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		18.240	15.180	2.288
%RSD		19.330	35.530	71.110
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	62.130	23.160
%RSD		T0.000	14.350	42.590
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.849%	97.366%	0.278
%RSD		1.624	1.978	63.800
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.074	0.046	-1.153
%RSD		632.000	35.070	57.550
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.134	15.050	0.033
%RSD		9.134	5.106	32.720
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.002	0.033	0.120
%RSD		753.100	20.840	191.500
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		97.568%	0.033	-0.119
%RSD		1.665	204.100	35.760
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.048	0.026	1.347
%RSD		376.800	52.980	8.489
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.033	0.402
%RSD		0.000	30.720	336.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.021	101.533%	0.334
%RSD		45.950	0.779	49.140
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.260	0.039	0.000
%RSD		6.435	37.260	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.752	0.461
%RSD		0.000	12.370	11.050
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.044	109.279%	
%RSD		10.090	1.029	

CCV 4 6/3/2010 16:24:53 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.005%	110.280%	115.697%
%RSD		4.897	2.438	2.558
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		↹97.449%	98.754%	99.314%
%RSD		↹3.300	2.033	1.753
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		↹0.000	106.406%	99.270%
%RSD		↹0.000	0.816	2.591
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		103.412%	102.304%	103.760%
%RSD		1.793	0.968	0.881
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.627%	98.052%	18.830
%RSD		1.360	2.249	30.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		99.867%	↹100.438%	97.697%
%RSD		1.468	↹1.775	1.237
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.999%	101.056%	99.955%
%RSD		0.515	0.955	0.718
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		100.234%	100.133%	-0.759
%RSD		0.638	0.955	22.600
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.472%	98.727%	103.424%
%RSD		2.405	1.570	0.810
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	102.703%	61.050
%RSD		0.000	0.512	153.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		100.653%	106.340%	99.262%
%RSD		0.427	1.017	0.559
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		101.074%	100.196%	0.000
%RSD		0.400	2.108	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	107.139%	98.803%
%RSD		0.000	2.613	0.901
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		100.016%	107.499%	
%RSD		1.000	1.559	

CCB 4 6/3/2010 16:28:55 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		99.803%	-0.052	1.859
%RSD		3.400	0.000	206.900
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		58.500	28.430	1.442
%RSD		11.260	21.620	74.660
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	76.200	37.300
%RSD		T0.000	34.790	65.000
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		105.882%	104.733%	0.220
%RSD		1.389	1.852	131.300
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.122	0.021	-2.807
%RSD		88.640	180.200	37.720
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.354	25.320	0.047
%RSD		4.985	5.669	35.240
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.021	0.052	-0.004
%RSD		36.370	26.610	6104.000
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		106.196%	0.123	-0.123
%RSD		0.619	48.160	48.160
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.116	0.143	0.404
%RSD		130.200	34.350	20.430
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.045	0.456
%RSD		0.000	10.260	341.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.050	110.672%	0.320
%RSD		70.000	0.729	31.220
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.221	0.084	0.000
%RSD		6.665	12.420	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.637	0.404
%RSD		0.000	14.910	18.790
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.047	120.619%	
%RSD		6.950	0.649	

L1951B 6/3/2010 16:32:56 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		104.210%	0.001	1.339
%RSD		14.028	6668.000	199.400
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		128.400	91.810	55.740
%RSD		6.867	18.510	11.330
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	220.400	320.800
%RSD		T0.000	11.610	10.450
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		107.307%	106.370%	0.109
%RSD		1.450	2.403	2.150
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.328	0.141	-6.087
%RSD		181.700	11.700	42.170
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.493	13.380	0.003
%RSD		6.627	3.442	159.700
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.053	0.937	4.616
%RSD		119.300	21.920	10.900
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		110.459%	0.012	0.201
%RSD		1.228	704.700	40.650
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.161	1.288	0.105
%RSD		37.290	2.037	16.140
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	-0.206
%RSD		0.000	29.980	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.006	113.423%	0.115
%RSD		130.700	0.969	6.029
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.086	1.287	0.000
%RSD		15.960	4.772	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.163	0.139
%RSD		0.000	5.590	6.979
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.080	121.662%	
%RSD		6.597	1.493	

L1951C 6/3/2010 16:36:48 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.345%	94.740	100.100
%RSD		4.262	2.589	5.549
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10480.000	10070.000	M 9498.000
%RSD		3.582	2.551	M 2.000
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	10080.000	9433.000
%RSD		T 0.000	0.449	3.902
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.726%	96.816%	95.200
%RSD		1.470	1.084	2.234
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		91.470	92.440	15.760
%RSD		3.213	2.242	41.150
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		99.990	T 9567.000	90.850
%RSD		1.421	T 1.102	1.930
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		93.570	95.630	101.600
%RSD		1.242	1.091	1.750
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.149%	92.170	-0.578
%RSD		0.901	2.016	28.910
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		93.560	90.350	89.780
%RSD		1.136	1.479	0.729
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	97.870	6.238
%RSD		0.000	0.283	763.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		96.580	104.732%	91.910
%RSD		0.465	1.258	0.597
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		92.750	92.120	0.000
%RSD		0.592	1.641	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	90.330	86.630
%RSD		0.000	2.453	1.993
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		90.900	113.688%	
%RSD		1.965	0.809	

L16NFF 6/3/2010 16:41:09 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		77.791%	0.155	22.460
%RSD		10.048	13.590	14.380
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 429200.000	35530.000	20.040
%RSD		TM 3.682	2.234	11.960
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	2225.000	M 132100.000
%RSD		T 0.000	1.025	M 1.540
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		93.186%	92.278%	0.337
%RSD		2.991	2.469	19.570
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.007	3.861	4.005
%RSD		819.200	2.033	3.998
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		2.979	66.140	0.229
%RSD		3.604	2.452	12.670
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		3.915	2.952	5.988
%RSD		3.512	5.418	12.750
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.573%	0.814	0.080
%RSD		2.292	26.500	114.200
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		1.067	195.400	1.839
%RSD		17.150	0.751	8.906
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.084	-1.818
%RSD		0.000	7.980	121.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.031	94.862%	0.449
%RSD		68.920	0.946	29.510
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.515	66.500	0.000
%RSD		5.776	1.505	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	1.082	0.469
%RSD		0.000	15.850	12.190
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.691	90.582%	
%RSD		0.470	2.178	

L16NF 6/3/2010 16:44:57 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		86.159%	-0.052	7.561
%RSD		4.694	0.000	8.444
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 424800.000	35630.000	43.410
%RSD		TM 0.248	1.040	6.560
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	2289.000	M 132500.000
%RSD		T 0.000	0.615	M 1.796
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.569%	93.539%	0.792
%RSD		1.104	0.140	92.460
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.378	7.165	1.829
%RSD		60.890	1.341	87.990
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		6.593	329.400	0.310
%RSD		1.341	1.490	6.737
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		5.261	2.635	4.657
%RSD		4.822	6.407	10.470
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		89.594%	0.786	0.184
%RSD		0.626	28.710	35.150
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.698	197.000	1.536
%RSD		40.940	1.150	0.813
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.198	1.412
%RSD		0.000	3.409	171.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.005	96.136%	0.137
%RSD		226.700	0.367	17.530
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.181	66.940	0.000
%RSD		0.726	1.768	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.404	0.248
%RSD		0.000	9.368	5.420
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.911	91.356%	
%RSD		3.219	1.090	

L16NGF 6/3/2010 16:48:47 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		85.066%	-0.052	75.520
%RSD		4.591	0.000	18.730
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 166600.000	48790.000	12.980
%RSD		TM 2.545	2.539	21.280
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	3162.000	M 128700.000
%RSD		T 0.000	3.247	M 1.058
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.781%	91.158%	0.342
%RSD		1.173	1.071	57.600
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.116	0.342	-2.929
%RSD		112.500	6.852	46.530
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		600.500	5210.000	6.909
%RSD		1.265	1.465	3.212
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		5.085	0.187	4.318
%RSD		2.063	11.690	11.670
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.262%	11.060	0.146
%RSD		0.159	1.757	100.500
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.007	192.500	0.751
%RSD		516.900	0.914	9.111
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-0.933
%RSD		0.000	98.470	226.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.001	97.393%	0.072
%RSD		257.500	1.274	30.010
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.081	136.400	0.000
%RSD		10.620	0.902	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.167	0.290
%RSD		0.000	3.196	4.308
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.160	97.716%	
%RSD		6.613	0.909	

L16NG 6/3/2010 16:52:43 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		80.731%	-0.052	82.380
%RSD		11.509	0.000	17.150
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		TM 170600.000	50200.000	57.700
%RSD		TM 1.815	2.109	5.680
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	3262.000	M 135200.000
%RSD		T 0.000	1.793	M 1.519
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.052%	93.135%	0.878
%RSD		0.362	0.396	14.540
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.055	2.193	-2.050
%RSD		988.700	1.150	142.800
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		638.800	T 32240.000	59.160
%RSD		0.967	T 0.992	0.343
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		71.430	1.415	31.340
%RSD		0.774	5.575	0.582
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.031%	21.940	0.132
%RSD		1.239	1.461	37.550
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.006	M 199.700	1.492
%RSD		2326.000	M 1.011	7.769
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.008
%RSD		0.000	19.050	45390.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.032	99.116%	0.138
%RSD		45.860	0.653	10.250
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.120	144.900	0.000
%RSD		18.380	0.743	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.190	14.960
%RSD		0.000	4.183	0.811
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.929	97.842%	
%RSD		2.550	0.603	

L16NJF 6/3/2010 16:56:46 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.100%	-0.052	11.320
%RSD		9.084	0.000	26.800
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2903.000	33680.000	13.150
%RSD		1.656	1.711	9.215
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1832.000	49870.000
%RSD		T 0.000	2.307	1.217
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		98.189%	97.836%	0.238
%RSD		0.717	0.263	49.910
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.140	0.608	-0.413
%RSD		191.900	8.680	427.400
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		25.730	1115.000	0.437
%RSD		3.352	0.857	6.231
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.324	0.208	3.387
%RSD		12.180	13.170	8.397
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.454%	0.466	0.066
%RSD		1.159	3.380	109.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.110	94.970	1.587
%RSD		177.200	0.315	6.891
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	-2.037
%RSD		0.000	76.280	82.280
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.006	103.222%	0.098
%RSD		55.000	0.842	11.040
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.045	24.020	0.000
%RSD		7.240	1.296	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.138	0.170
%RSD		0.000	5.937	8.294
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.050	109.224%	
%RSD		12.870	0.377	

L16NJ 6/3/2010 17:00:35 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.336%	0.012	7.817
%RSD		8.151	917.500	85.930
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2890.000	33840.000	19.340
%RSD		1.556	0.772	7.276
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1861.000	50600.000
%RSD		T 0.000	1.245	2.906
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		96.638%	95.638%	0.244
%RSD		1.001	0.624	86.610
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.369	1.285	-2.475
%RSD		71.710	3.490	61.720
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		31.400	3260.000	0.657
%RSD		0.511	1.721	7.043
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.858	0.262	5.269
%RSD		6.754	15.500	5.085
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.859%	0.467	0.093
%RSD		0.886	23.390	52.730
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.105	96.530	0.929
%RSD		233.200	2.757	5.154
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.016	0.733
%RSD		0.000	20.220	180.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.003	100.922%	0.107
%RSD		110.200	1.205	5.929
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.052	24.860	0.000
%RSD		28.090	2.938	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.118	0.233
%RSD		0.000	3.583	2.456
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.161	107.562%	
%RSD		3.438	0.556	

L183MF 6/3/2010 17:04:23 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.081%	-0.052	5.148
%RSD		5.577	0.000	72.540
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		8078.000	30060.000	17.140
%RSD		1.715	2.075	8.079
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	1230.000	83720.000
%RSD		T 0.000	3.648	0.147
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		99.637%	99.039%	0.079
%RSD		0.822	0.922	86.610
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.419	0.431	3.291
%RSD		56.600	3.775	24.360
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		7.545	35.410	0.047
%RSD		1.528	0.517	16.480
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.683	0.348	12.670
%RSD		12.180	13.070	3.464
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.705%	0.608	0.204
%RSD		0.652	34.220	28.120
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.001	133.900	1.029
%RSD		16520.000	0.389	4.918
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.006	-0.287
%RSD		0.000	35.520	168.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.019	103.109%	0.121
%RSD		16.760	1.035	15.130
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.040	26.670	0.000
%RSD		17.680	1.273	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.063	0.104
%RSD		0.000	7.535	1.594
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.035	107.270%	
%RSD		6.859	1.349	

L183M 6/3/2010 17:08:24 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		71.305%	4.135	10.880
%RSD		4.450	7.154	88.840
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		7681.000	35110.000	M 19450.000
%RSD		1.967	0.693	M 0.704
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	5613.000	99150.000
%RSD		T 0.000	2.296	0.609
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		87.108%	86.119%	M 428.600
%RSD		0.769	0.819	M 3.564
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		26.030	17.260	-3.392
%RSD		4.929	0.569	131.200
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		M 2013.000	TM 51480.000	40.380
%RSD		M 0.617	TM 2.165	1.293
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		106.200	69.620	M 478.700
%RSD		1.827	2.347	M 1.109
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		88.145%	21.820	0.375
%RSD		0.913	2.218	38.310
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		2.007	149.700	2.600
%RSD		14.540	1.274	5.464
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.154	-13.130
%RSD		0.000	0.380	78.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		1.164	94.684%	0.571
%RSD		10.530	0.443	7.318
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.996	M 223.500	0.000
%RSD		2.950	M 1.825	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.277	0.960
%RSD		0.000	9.210	2.094
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		36.680	103.425%	
%RSD		1.759	0.435	

CCV 5 6/3/2010 17:12:16 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		92.970%	103.606%	116.722%
%RSD		5.515	4.863	11.910
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 99.193%	100.646%	101.459%
%RSD		T 0.701	1.129	1.619
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	105.727%	100.184%
%RSD		T 0.000	2.873	0.316
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		101.029%	99.497%	100.828%
%RSD		0.820	0.772	3.287
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.007%	99.183%	21.670
%RSD		2.754	0.767	25.370
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		100.334%	T 101.775%	98.651%
%RSD		0.618	T 1.488	0.356
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.623%	100.518%	100.678%
%RSD		1.178	1.023	1.040
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.712%	98.828%	-0.833
%RSD		0.995	0.122	14.540
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.235%	98.600%	103.021%
%RSD		1.758	0.754	2.088
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.917%	22.590
%RSD		0.000	1.694	135.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		100.904%	105.208%	99.783%
%RSD		0.075	0.336	1.165
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.048%	101.541%	0.000
%RSD		2.566	0.975	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	107.549%	98.195%
%RSD		0.000	3.409	2.300
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.140%	105.981%	
%RSD		1.185	0.265	

CCB 5 6/3/2010 17:16:31 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.789%	0.004	3.365
%RSD		5.733	2575.000	141.400
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		46.470	33.540	2.070
%RSD		4.928	19.030	74.490
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	88.280	37.450
%RSD		T 0.000	18.610	87.840
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		106.196%	104.876%	0.148
%RSD		0.492	2.117	42.720
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.430	0.038	-2.891
%RSD		53.740	172.000	62.750
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.420	23.310	0.057
%RSD		18.970	4.147	17.300
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.057	0.085	0.203
%RSD		22.220	14.860	90.930
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		105.719%	0.148	-0.096
%RSD		0.729	86.010	55.540
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.090	0.090	0.379
%RSD		139.000	27.500	30.910
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.054	0.531
%RSD		0.000	22.990	358.700
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.041	109.980%	0.311
%RSD		56.390	0.664	31.220
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.182	0.079	0.000
%RSD		4.246	18.020	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.544	0.390
%RSD		0.000	18.300	18.450
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.064	118.618%	
%RSD		3.536	0.630	

L19LR 6/3/2010 17:20:24 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		101.990%	-0.052	-1.078
%RSD		5.923	0.000	307.800
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		10.120	4.464	14.500
%RSD		15.800	43.120	5.543
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	69.050	78.920
%RSD		T 0.000	18.600	76.370
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		104.231%	102.155%	0.303
%RSD		0.565	1.587	77.490
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.406	0.078	-2.453
%RSD		33.240	50.350	68.100
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.109	23.230	0.002
%RSD		25.860	3.248	361.200
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		-0.036	0.056	3.163
%RSD		23.260	15.200	19.810
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		106.286%	0.033	0.044
%RSD		0.661	267.700	94.320
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.051	0.084	0.066
%RSD		463.700	42.230	24.300
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	-0.214
%RSD		0.000	47.520	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.001	109.936%	0.107
%RSD		837.000	0.268	16.560
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.050	0.016	0.000
%RSD		12.290	45.860	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.140	0.130
%RSD		0.000	7.685	4.425
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.020	119.344%	
%RSD		20.730	0.422	

L19LT 6/3/2010 17:24:12 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.571%	0.053	2.865
%RSD		9.652	343.200	70.440
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		1496.000	512.300	442.200
%RSD		1.916	4.423	1.046
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	543.700	386.600
%RSD		T0.000	0.964	19.900
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		93.705%	91.965%	7.416
%RSD		1.224	1.196	25.590
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.635	0.790	-4.030
%RSD		48.530	7.676	34.130
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		35.480	442.300	4.681
%RSD		1.637	1.055	1.276
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.394	1.579	10.980
%RSD		7.878	4.633	6.229
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.563%	0.185	0.054
%RSD		0.737	65.810	89.850
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.080	2.619	0.096
%RSD		255.500	3.692	16.990
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.014	-0.776
%RSD		0.000	18.050	317.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.025	101.040%	0.101
%RSD		57.210	1.131	11.450
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.034	32.290	0.000
%RSD		5.214	3.190	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.266	0.096
%RSD		0.000	8.159	3.129
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.248	113.412%	
%RSD		1.524	0.644	

L19LV 6/3/2010 17:28:00 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.004%	0.578	12.270
%RSD		11.006	45.520	60.460
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 37910.000	25130.000	386.500
%RSD		T 2.241	2.150	2.261
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	3995.000	37220.000
%RSD		T 0.000	0.809	0.483
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		88.174%	87.512%	13.600
%RSD		1.487	1.447	18.050
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.156	1.351	-4.129
%RSD		27.710	5.100	63.610
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		M 1711.000	2917.000	8.358
%RSD		M 0.972	1.371	0.755
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		9.398	1.848	11.560
%RSD		0.523	6.817	1.519
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		90.392%	0.520	-0.144
%RSD		0.029	24.130	22.980
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.007	M 330.900	0.279
%RSD		1767.000	M 0.554	2.315
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.007	-0.311
%RSD		0.000	47.460	170.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.070	94.803%	0.222
%RSD		13.460	0.985	8.773
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.067	M 352.700	0.000
%RSD		14.980	M 0.975	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.211	0.094
%RSD		0.000	7.517	3.391
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.757	103.752%	
%RSD		2.002	1.069	

L19LW 6/3/2010 17:31:49 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		84.970%	7.924	0.989
%RSD		5.991	28.770	96.610
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		12970.000	5601.000	355.600
%RSD		1.201	1.690	1.796
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	3659.000	3804.000
%RSD		T0.000	2.588	4.639
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.042%	89.619%	4.931
%RSD		1.283	0.619	35.700
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.834	1.213	-6.803
%RSD		31.940	2.424	16.980
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		21.930	294.800	18.040
%RSD		1.568	2.041	0.865
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		20.270	7.909	36.220
%RSD		3.441	2.215	1.035
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.407%	0.182	0.006
%RSD		1.013	32.150	1893.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.281	48.720	0.090
%RSD		22.990	0.206	17.270
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.008	-1.317
%RSD		0.000	9.190	92.740
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.100	98.558%	0.184
%RSD		8.673	1.474	17.810
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.083	195.000	0.000
%RSD		10.470	0.500	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.074	0.096
%RSD		0.000	19.320	8.482
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		5.192	110.512%	
%RSD		0.700	0.811	

L19LX 6/3/2010 17:35:45 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.931%	0.072	7.453
%RSD		6.738	299.000	63.310
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		5767.000	1225.000	909.500
%RSD		0.341	1.878	0.701
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	704.300	1490.000
%RSD		T0.000	2.757	7.483
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.710%	90.865%	20.560
%RSD		0.392	0.564	19.980
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.543	0.700	-5.398
%RSD		15.360	1.793	36.220
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		82.640	1211.000	2.875
%RSD		1.853	3.110	1.293
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.335	6.715	11.290
%RSD		19.870	5.315	1.775
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.487%	0.150	0.042
%RSD		0.553	61.430	5.133
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.134	12.780	0.067
%RSD		171.100	1.770	29.930
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.029	-0.393
%RSD		0.000	34.210	145.500
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.054	97.807%	0.473
%RSD		29.400	0.293	6.831
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.027	24.060	0.000
%RSD		62.830	1.651	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.085	0.048
%RSD		0.000	16.250	2.557
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		1.329	110.617%	
%RSD		0.310	0.311	

L1839F 6/3/2010 17:39:36 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		89.745%	-0.052	31.960
%RSD		2.106	0.000	25.900
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		17340.000	6699.000	21.600
%RSD		2.153	2.799	7.614
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	3305.000	16730.000
%RSD		T0.000	1.822	1.470
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.616%	93.253%	0.500
%RSD		0.922	0.864	43.820
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.687	0.945	-5.287
%RSD		11.120	2.593	22.080
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		44.970	48.830	0.309
%RSD		1.936	1.953	5.579
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.609	2.359	7.368
%RSD		12.020	2.923	6.236
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.370%	1.043	0.079
%RSD		0.393	21.620	87.490
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.275	49.500	6.514
%RSD		36.390	0.511	3.523
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.005	0.258
%RSD		0.000	63.390	334.800
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.003	100.026%	0.279
%RSD		121.300	1.252	8.703
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.316	67.270	0.000
%RSD		5.246	1.140	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.085	0.043
%RSD		0.000	4.647	19.710
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.195	109.671%	
%RSD		1.011	1.260	

L1839FS 6/3/2010 17:43:32 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		91.113%	103.400	135.100
%RSD		5.254	8.208	2.783
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		27690.000	17410.000	M 10130.000
%RSD		2.680	1.757	M 1.775
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	13870.000	27200.000
%RSD		T 0.000	0.807	2.340
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		91.793%	90.792%	99.580
%RSD		0.839	0.623	3.713
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.920	100.200	22.060
%RSD		2.325	1.695	26.260
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		149.900	T 10370.000	98.670
%RSD		0.032	T 1.365	0.911
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		103.700	103.300	108.500
%RSD		0.720	1.060	1.538
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		92.478%	99.520	-0.429
%RSD		1.431	0.643	43.020
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		97.570	146.600	105.800
%RSD		1.003	0.853	0.493
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	104.800	-8.221
%RSD		0.000	0.872	806.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.600	97.479%	100.400
%RSD		0.449	1.100	0.148
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		102.300	168.100	0.000
%RSD		1.328	0.803	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	104.200	96.560
%RSD		0.000	2.757	0.596
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.300	105.207%	
%RSD		1.016	1.197	

L1839FD 6/3/2010 17:47:39 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.375%	105.000	140.400
%RSD		3.758	8.517	3.544
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		27610.000	17380.000	M 10290.000
%RSD		1.059	2.017	M 1.238
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	14320.000	26250.000
%RSD		T 0.000	1.214	3.285
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		92.886%	91.281%	99.530
%RSD		0.516	0.556	3.785
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.700	99.820	20.360
%RSD		1.114	1.205	22.400
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		152.900	T 10530.000	99.440
%RSD		0.977	T 0.978	0.878
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		104.000	104.100	108.600
%RSD		1.228	0.758	0.208
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.067%	100.900	-0.493
%RSD		0.899	0.540	11.520
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.160	149.700	107.700
%RSD		1.549	0.309	1.283
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.800	-6.540
%RSD		0.000	0.416	421.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		105.800	98.184%	101.800
%RSD		0.826	0.504	1.001
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		103.800	170.800	0.000
%RSD		2.357	1.543	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	105.400	96.910
%RSD		0.000	3.568	2.114
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		101.200	106.177%	
%RSD		1.867	0.258	

L184NF 6/3/2010 17:51:52 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		98.946%	-0.052	25.160
%RSD		3.040	0.000	33.070
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		12780.000	5293.000	33.040
%RSD		1.774	2.115	3.154
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	2761.000	14070.000
%RSD		T0.000	1.341	1.482
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.713%	96.459%	0.362
%RSD		0.854	1.258	33.100
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.269	0.911	-4.368
%RSD		14.040	4.685	13.660
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		5.147	64.430	0.124
%RSD		2.087	5.676	4.666
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.994	2.849	8.994
%RSD		10.380	1.831	4.825
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		98.900%	0.773	0.060
%RSD		1.649	17.430	90.900
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.182	43.910	1.432
%RSD		162.500	1.552	11.520
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.033	-1.257
%RSD		0.000	14.090	351.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.047	102.775%	0.490
%RSD		18.320	0.323	24.560
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.881	59.980	0.000
%RSD		2.243	1.098	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	1.055	0.452
%RSD		0.000	14.350	13.990
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.255	112.981%	
%RSD		5.533	0.547	

L184PF 6/3/2010 17:55:49 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.415%	-0.052	27.420
%RSD		3.806	0.000	15.500
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		13330.000	5456.000	29.550
%RSD		0.375	0.317	7.802
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	2837.000	14960.000
%RSD		T0.000	2.619	1.910
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.424%	96.062%	0.928
%RSD		0.806	0.804	26.380
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.303	0.725	-3.745
%RSD		6.200	4.312	13.450
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		4.760	52.270	0.084
%RSD		2.727	1.089	3.874
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.863	2.785	6.888
%RSD		13.570	1.839	0.868
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		99.014%	0.828	0.063
%RSD		0.458	9.954	147.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.003	44.830	0.967
%RSD		1716.000	1.060	8.444
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.011	-1.874
%RSD		0.000	70.660	129.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.020	101.971%	0.113
%RSD		117.800	0.806	17.600
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.544	60.660	0.000
%RSD		4.488	0.235	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.337	0.195
%RSD		0.000	2.321	9.811
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.261	112.398%	
%RSD		1.804	0.422	

CCV 6 6/3/2010 17:59:53 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		87.479%	108.953%	118.460%
%RSD		0.776	3.808	7.458
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		τ 101.041%	101.058%	100.012%
%RSD		τ 1.143	0.966	3.093
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		τ 0.000	101.201%	100.261%
%RSD		τ 0.000	2.501	1.021
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.662%	96.503%	98.980%
%RSD		0.937	1.120	0.925
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.149%	99.161%	20.760
%RSD		0.432	0.217	21.300
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		100.227%	τ 100.090%	98.565%
%RSD		0.455	τ 1.426	0.880
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		99.634%	100.344%	98.998%
%RSD		0.576	0.470	1.131
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		94.600%	98.359%	-0.537
%RSD		1.753	0.692	47.550
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		98.115%	97.788%	103.510%
%RSD		1.124	0.756	1.026
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	100.701%	71.010
%RSD		0.000	0.328	74.790
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		100.329%	100.550%	98.288%
%RSD		1.293	1.070	0.318
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.256%	98.629%	0.000
%RSD		0.767	0.440	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	105.611%	98.173%
%RSD		0.000	1.911	0.738
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		96.983%	99.549%	
%RSD		0.735	1.360	

CCB 6 6/3/2010 18:04:05 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		103.151%	-0.052	1.968
%RSD		8.910	0.000	269.600
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		48.360	41.480	1.249
%RSD		9.697	19.940	56.460
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	51.300	72.800
%RSD		T 0.000	36.520	51.620
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		103.805%	102.716%	0.377
%RSD		0.233	2.057	44.780
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		-0.049	0.039	-0.521
%RSD		299.100	63.230	260.800
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.367	24.210	0.056
%RSD		21.610	5.969	19.020
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.032	0.073	0.153
%RSD		141.600	30.910	42.530
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		104.748%	0.270	-0.070
%RSD		0.443	47.430	84.330
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.169	0.103	0.434
%RSD		85.840	13.430	11.320
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.058	0.672
%RSD		0.000	7.343	143.600
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.047	109.444%	0.324
%RSD		11.460	0.700	39.500
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.228	0.091	0.000
%RSD		8.637	26.390	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.626	0.439
%RSD		0.000	10.840	13.540
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.062	116.807%	
%RSD		9.314	0.492	

L184QF 6/3/2010 18:08:03 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.199%	-0.052	18.740
%RSD		4.788	0.000	26.870
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		14020.000	6080.000	23.690
%RSD		1.237	2.212	9.395
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	2982.000	15780.000
%RSD		T0.000	1.931	2.804
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		95.034%	94.093%	0.866
%RSD		0.489	0.657	0.594
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.176	0.708	-2.823
%RSD		23.770	3.162	37.070
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		11.240	72.130	0.142
%RSD		2.897	1.284	21.520
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		1.002	2.847	11.760
%RSD		18.460	3.363	3.248
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.523%	0.843	0.101
%RSD		0.754	5.584	28.910
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.071	48.330	0.766
%RSD		127.600	0.761	9.525
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.006	0.322
%RSD		0.000	82.000	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	100.185%	0.250
%RSD		50.140	0.195	10.810
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.563	64.090	0.000
%RSD		2.826	1.903	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.240	0.194
%RSD		0.000	6.605	3.434
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.297	108.345%	
%RSD		3.553	0.752	

L184TF 6/3/2010 18:11:57 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		88.962%	0.010	18.700
%RSD		5.964	1111.000	7.526
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		13180.000	5468.000	21.680
%RSD		1.885	2.347	2.805
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	2720.000	14250.000
%RSD		T0.000	2.463	3.309
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		95.244%	93.182%	0.584
%RSD		0.906	0.659	45.240
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		1.433	0.759	-4.456
%RSD		10.590	5.580	10.800
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		5.218	90.450	0.091
%RSD		4.573	3.380	9.961
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.849	2.763	9.911
%RSD		7.132	5.730	3.507
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.851%	0.883	0.209
%RSD		0.245	20.850	24.540
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.044	43.440	0.708
%RSD		471.300	1.404	10.510
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.004	0.407
%RSD		0.000	47.050	236.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.020	100.403%	0.181
%RSD		58.150	0.935	21.830
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.310	59.800	0.000
%RSD		11.110	2.217	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.172	0.114
%RSD		0.000	3.089	6.274
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.253	109.308%	
%RSD		3.440	0.037	

L184TFL 6/3/2010 18:15:48 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		101.108%	-0.052	1.677
%RSD		5.832	0.000	279.700
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		2723.000	1114.000	5.058
%RSD		1.631	3.982	27.930
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	617.400	2871.000
%RSD		T 0.000	4.004	11.080
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.399%	96.517%	0.322
%RSD		0.514	0.600	43.770
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.570	0.223	-2.212
%RSD		32.140	13.080	54.290
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		1.212	18.490	0.019
%RSD		0.136	1.970	39.140
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.333	0.568	9.917
%RSD		63.830	3.912	5.012
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		99.873%	0.241	-0.013
%RSD		0.983	20.260	404.000
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.091	8.906	0.183
%RSD		178.600	1.327	18.760
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.001	0.314
%RSD		0.000	58.880	173.200
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.007	102.365%	0.096
%RSD		119.800	0.471	7.595
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.090	12.130	0.000
%RSD		11.890	0.207	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.094	0.087
%RSD		0.000	11.130	1.545
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.054	112.164%	
%RSD		3.329	0.814	

L1953B 6/3/2010 18:19:40 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		93.710%	-0.052	1.016
%RSD		9.167	0.000	437.600
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		4.478	2.689	10.940
%RSD		22.490	56.540	5.075
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	55.290	37.300
%RSD		T 0.000	19.970	78.310
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		101.041%	98.997%	0.118
%RSD		1.410	0.166	173.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.294	0.212	-1.288
%RSD		46.770	12.540	49.830
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.317	3.598	-0.004
%RSD		6.829	16.350	86.250
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.055	0.043	1.905
%RSD		94.290	35.030	9.863
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		100.659%	0.065	0.212
%RSD		0.795	96.700	25.740
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.021	0.065	0.028
%RSD		961.300	26.920	95.840
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	0.000
%RSD		0.000	160.100	0.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.002	104.280%	0.160
%RSD		207.600	0.756	22.230
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.035	0.033	0.000
%RSD		41.780	23.630	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.067	0.067
%RSD		0.000	1.455	6.388
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.025	113.593%	
%RSD		4.869	0.690	

L1953C 6/3/2010 18:23:28 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.429%	106.800	109.900
%RSD		6.093	5.554	19.340
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11010.000	10480.000	M 10140.000
%RSD		0.456	2.094	M 2.270
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	10900.000	9536.000
%RSD		T 0.000	0.700	2.083
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.979%	93.638%	97.920
%RSD		0.644	0.458	4.616
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		98.420	98.240	21.560
%RSD		0.764	1.373	40.810
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		105.200	T 10390.000	99.070
%RSD		1.149	T 2.150	0.517
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		102.000	103.100	108.700
%RSD		0.847	0.288	1.147
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.415%	98.990	-0.453
%RSD		0.500	1.478	30.960
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		101.500	98.280	99.050
%RSD		1.856	1.591	2.932
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	106.500	25.320
%RSD		0.000	0.406	168.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.800	98.646%	99.640
%RSD		0.788	0.798	1.618
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.700	99.760	0.000
%RSD		0.926	0.757	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	99.780	94.320
%RSD		0.000	2.315	0.410
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		99.330	107.142%	
%RSD		0.684	0.909	

L16M1F 6/3/2010 18:27:57 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		98.684%	-0.052	3.702
%RSD		3.979	0.000	149.000
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		98.760	40.300	10.970
%RSD		2.034	15.080	17.180
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	91.700	236.200
%RSD		T 0.000	10.690	19.150
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		100.979%	99.541%	0.117
%RSD		1.852	0.774	99.710
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.180	0.177	-1.362
%RSD		163.300	10.650	82.880
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.224	7.978	0.014
%RSD		18.700	13.820	42.660
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.225	0.620	5.278
%RSD		26.170	8.790	3.032
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		101.488%	0.093	0.103
%RSD		1.132	145.600	42.290
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.114	0.819	0.584
%RSD		7.627	5.852	14.870
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.012	-0.503
%RSD		0.000	5.312	57.080
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.015	106.068%	0.416
%RSD		34.950	0.807	36.230
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.456	0.221	0.000
%RSD		2.091	15.200	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.811	0.348
%RSD		0.000	12.870	12.930
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.062	115.473%	
%RSD		2.283	1.076	

L16M1FL 6/3/2010 18:31:54 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		90.232%	0.009	0.678
%RSD		3.774	1162.000	387.500
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		21.250	7.278	2.533
%RSD		8.790	23.600	60.260
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	73.930	74.900
%RSD		T 0.000	24.590	19.650
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		100.392%	99.623%	0.156
%RSD		0.697	0.145	114.500
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.352	0.046	-1.996
%RSD		12.510	3.737	49.430
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.084	2.157	0.000
%RSD		26.160	14.800	13640.000
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.121	0.109	5.863
%RSD		33.200	32.390	4.841
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		99.423%	0.083	-0.056
%RSD		0.445	66.460	107.100
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		0.022	0.192	0.115
%RSD		535.700	13.030	25.670
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.002	-0.825
%RSD		0.000	115.500	200.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.000	104.372%	0.243
%RSD		1439.000	0.660	14.350
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.144	0.057	0.000
%RSD		15.750	33.870	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.228	0.147
%RSD		0.000	2.413	2.430
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.009	114.047%	
%RSD		40.000	0.295	

L16M1 6/3/2010 18:35:57 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		105.349%	-0.052	2.228
%RSD		2.436	0.000	65.100
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		41.830	1.052	12.620
%RSD		2.735	144.700	5.228
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T0.000	55.470	69.670
%RSD		T0.000	42.030	26.610
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		100.185%	98.234%	0.117
%RSD		1.369	1.698	173.200
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.228	0.075	-0.542
%RSD		146.400	37.930	275.800
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.097	4.174	0.001
%RSD		6.057	18.080	302.900
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.021	0.085	2.346
%RSD		122.700	25.690	12.020
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		100.657%	0.165	0.139
%RSD		0.497	91.610	61.300
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.001	0.088	0.077
%RSD		20340.000	18.810	22.580
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.003	0.788
%RSD		0.000	139.900	146.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		-0.004	104.357%	0.161
%RSD		79.290	0.938	17.770
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.083	0.068	0.000
%RSD		25.980	30.750	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.118	0.092
%RSD		0.000	18.150	1.273
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.015	113.619%	
%RSD		17.480	0.830	

L16M1S 6/3/2010 18:39:46 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		92.502%	102.700	116.400
%RSD		4.031	3.169	5.806
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11250.000	10610.000	M 10350.000
%RSD		1.078	1.353	M 1.544
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	10840.000	9633.000
%RSD		T 0.000	1.502	3.112
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		94.781%	93.738%	96.240
%RSD		1.174	0.355	4.422
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.760	100.000	23.490
%RSD		2.206	1.097	46.880
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		107.400	T 10390.000	98.550
%RSD		0.618	T 1.655	0.357
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		103.500	105.300	105.100
%RSD		1.708	0.357	0.318
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		93.625%	98.760	-0.288
%RSD		0.965	1.180	25.260
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.190	96.090	99.390
%RSD		0.657	0.786	1.540
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	105.800	-9.519
%RSD		0.000	0.290	247.900
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		104.000	99.425%	99.320
%RSD		0.639	0.793	1.452
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		99.340	98.390	0.000
%RSD		0.927	0.413	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	98.430	94.730
%RSD		0.000	1.601	0.864
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		97.020	105.222%	
%RSD		0.104	1.298	

L16M1D 6/3/2010 18:44:22 QC Status: PASS (Initial: PASS)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		92.705%	107.800	100.800
%RSD		4.804	4.189	0.958
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		11150.000	10530.000	M 10060.000
%RSD		3.832	2.207	M 3.098
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	10960.000	9295.000
%RSD		T 0.000	1.163	2.783
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		97.735%	97.181%	101.300
%RSD		1.388	1.914	6.719
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		100.200	98.870	18.510
%RSD		1.983	1.623	11.500
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		106.700	T 10200.000	98.190
%RSD		0.746	T 1.362	1.031
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		102.500	104.500	105.600
%RSD		0.822	0.696	1.148
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		95.668%	98.540	-0.347
%RSD		0.120	0.142	40.040
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		98.600	96.650	100.700
%RSD		0.739	0.860	1.184
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	107.000	-29.520
%RSD		0.000	0.963	221.400
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		102.800	101.957%	99.200
%RSD		1.893	0.154	0.961
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.300	97.580	0.000
%RSD		1.918	1.324	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	100.200	96.070
%RSD		0.000	3.989	1.689
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		96.360	107.348%	
%RSD		1.601	1.122	

CCV 7 6/3/2010 18:48:34 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		92.868%	104.723%	115.105%
%RSD		3.736	8.230	7.586
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		T 100.880%	101.046%	101.551%
%RSD		T 2.881	2.102	3.403
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	105.401%	102.030%
%RSD		T 0.000	1.187	1.742
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		99.705%	99.052%	102.885%
%RSD		1.053	0.525	4.928
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		99.318%	99.375%	24.220
%RSD		2.871	1.969	33.030
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		101.416%	T 100.727%	98.562%
%RSD		1.298	T 1.043	0.540
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		100.420%	99.697%	98.360%
%RSD		1.802	2.100	1.082
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		96.583%	100.044%	-0.596
%RSD		0.299	0.836	11.650
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		99.443%	98.836%	103.851%
%RSD		2.644	1.458	0.285
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	101.613%	57.390
%RSD		0.000	0.595	58.560
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		100.557%	101.650%	100.391%
%RSD		0.721	1.037	0.583
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		100.279%	99.733%	0.000
%RSD		0.931	1.548	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	106.448%	97.967%
%RSD		0.000	1.868	1.918
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		98.643%	100.763%	
%RSD		2.476	0.654	

CCB 7 6/3/2010 18:52:36 QC Status: FAIL (Initial: FAIL)

User Pre -dilution: 1.000

Run	Time	6Li	9Be	10B
		ppb	ppb	ppb
x		100.326%	-0.052	-0.749
%RSD		3.373	0.000	472.200
Run	**Time**	**23Na**	**25Mg**	**27Al**
		ppb	ppb	ppb
x		52.060	38.750	3.089
%RSD		4.288	20.240	34.290
Run	**Time**	**35Cl**	**39K**	**43Ca**
		ppb	ppb	ppb
x		T 0.000	57.920	43.830
%RSD		T 0.000	36.540	52.210
Run	**Time**	**45Sc**	**45Sc**	**47Ti**
		ppb	ppb	ppb
x		105.212%	103.371%	0.226
%RSD		0.693	0.422	86.910
Run	**Time**	**51V**	**52Cr**	**53Cl O**
		ppb	ppb	ppb
x		0.023	0.045	-0.965
%RSD		1110.000	35.790	138.000
Run	**Time**	**55Mn**	**56Fe**	**59Co**
		ppb	ppb	ppb
x		0.429	28.090	0.074
%RSD		12.990	3.870	18.140
Run	**Time**	**60Ni**	**65Cu**	**66Zn**
		ppb	ppb	ppb
x		0.016	0.086	0.147
%RSD		380.700	7.813	106.400
Run	**Time**	**72Ge**	**75As**	**77Ar Cl**
		ppb	ppb	ppb
x		105.316%	0.143	-0.058
%RSD		0.177	86.890	38.630
Run	**Time**	**78Se**	**88Sr**	**95Mo**
		ppb	ppb	ppb
x		-0.034	0.112	0.537
%RSD		289.200	22.950	25.030
Run	**Time**	**105Pd**	**107Ag**	**108Mo O**
		ppb	ppb	ppb
x		0.000	0.064	-0.114
%RSD		0.000	12.300	1620.000
Run	**Time**	**111Cd**	**115In**	**118Sn**
		ppb	ppb	ppb
x		0.054	110.008%	0.420
%RSD		15.320	0.704	39.770
Run	**Time**	**121Sb**	**137Ba**	**159Tb**
		ppb	ppb	ppb
x		0.364	0.084	0.000
%RSD		3.899	27.290	0.000
Run	**Time**	**165Ho**	**182W**	**205Tl**
		ppb	ppb	ppb
x		0.000	0.819	0.548
%RSD		0.000	11.490	12.080
Run	**Time**	**208Pb**	**209Bi**	
		ppb	ppb	
x		0.072	116.711%	
%RSD		5.554	0.520	

MISCELLANEOUS DATA

Metals Internal Chain of Custody

Date Prepared: 06/01/10 **Prep Analyst:** Lisa McGall

Laboratory Sample ID			Lab ID	Method	Analysis Date	Analyst	Instrument
A0E280605	1		L1839 F	SW846 6010B	06/02/10	Natalie Bucklew	I5
A0E280605	1		L1839 F	SW846 6010B	06/02/10	Natalie Musselman	I5
A0E280605	1	S	L1839 F	SW846 6010B	06/02/10	Natalie Bucklew	I5
A0E280605	1	S	L1839 F	SW846 6010B	06/02/10	Natalie Musselman	I5
A0E280605	1	D	L1839 F	SW846 6010B	06/02/10	Natalie Bucklew	I5
A0E280605	1	D	L1839 F	SW846 6010B	06/02/10	Natalie Musselman	I5
A0E280605	1		L1839 F	SW846 6020	06/03/10	Roger Toth	I8
A0E280605	1		L1839	SW846 6020	06/03/10	Roger Toth	I8
A0E280605	1	S	L1839 F	SW846 6020	06/03/10	Roger Toth	I8
A0E280605	1	S	L1839	SW846 6020	06/03/10	Roger Toth	I8
A0E280605	1	D	L1839 F	SW846 6020	06/03/10	Roger Toth	I8
A0E280605	1	D	L1839	SW846 6020	06/03/10	Roger Toth	I8
A0E280605	2		L184N F	SW846 6010B	06/02/10	Natalie Bucklew	I5
A0E280605	2		L184N F	SW846 6010B	06/02/10	Natalie Musselman	I5
A0E280605	2		L184N F	SW846 6020	06/03/10	Roger Toth	I8
A0E280605	3		L184P F	SW846 6010B	06/02/10	Natalie Bucklew	I5
A0E280605	3		L184P F	SW846 6010B	06/02/10	Natalie Musselman	I5
A0E280605	3		L184P F	SW846 6020	06/03/10	Roger Toth	I8
A0E280605	4		L184Q F	SW846 6010B	06/02/10	Natalie Bucklew	I5
A0E280605	4		L184Q F	SW846 6010B	06/02/10	Natalie Musselman	I5
A0E280605	4		L184Q F	SW846 6020	06/03/10	Roger Toth	I8
A0E280605	5		L184T F	SW846 6010B	06/02/10	Natalie Bucklew	I5
A0E280605	5		L184T F	SW846 6010B	06/02/10	Natalie Musselman	I5

U - Unfiltered F - Filtered T - TCLP L - SPLP East W - SPLP West

Metals Internal Chain of Custody

Date Prepared: 06/01/10 **Prep Analyst:** Lisa McGall

Laboratory Sample ID		Lab ID	Method	Analysis Date	Analyst	Instrument
A0E280605	5	L184T F	SW846 6020	06/03/10	Roger Toth	I8

U - Unfiltered F - Filtered T - TCLP L - SPLP East W - SPLP West

METALS PREPARATION SUMMARY

Preparation Type	Matrix	Amount of Standard added to LCS & MS/MSD		Initial Sample Vol/Wt	Final Sample Volume
		Amount	Standard name		
ICP	water	1 mL 1 mL 1.0 mL	Ag ICP-1 ICP-2A	50 mL	50 mL
ICPMS	water	0.5ml 0.5ml	ICPMS-1 ICPMS-2	50 mL	50 mL
Hg - CVAA	water	5 mL (LCS) 1 mL (MS/MSD)	HG-1 HG-1	100 mL	100 mL
Hg - CVAF (low level)	water	0.2 mL (LCS/MS/MSD)	HG ICAL	40 ml	40 ml
ICP	solid	2 mL 2 mL 2 mL	Ag ICP-1 ICP-2A	1.00 +/- .02g	100 mL
ICPMS	solid	1ml 1ml	ICPMS-1 ICPMS-2	1.00 +/- .02g	100ml
Hg - CVAA	solid	5 mL (LCS) 1 mL (MS/MSD)	HG-1 HG-1	0.60 +/- .01g	100 mL
ICP	TCLP	1 mL (LCS) 1 mL(LCS)	Ag ICP-1	50 mL	50 mL
ICP	TCLP	0.5 mL(MS/MSD)	TCLP Spike I RCRA	50 mL	50 mL
ICP	TCLP	1 mL(MS/MSD)	TCLP Spike II Non-RCRA	50 mL	50 mL
Hg - CVAA	TCLP	5 mL (LCS) 5 mL (MS/MSD)	HG-1 HG-1	100 mL	100 mL

Mercury Standards Preparation				
Final Concentration		Spiking Standard		
		Amount	Standard	Concentration
Calibration Standards:				
0.0002 ppm		0.2 mL	HG-2	0.1 ppm
0.0005 ppm		0.5 mL	HG-2	0.1 ppm
0.001 ppm		1 mL	HG-2	0.1 ppm
0.005 ppm		5 mL	HG-2	0.1 ppm
0.010 ppm		10 mL	HG-2	0.1 ppm
ICV Preparation				
0.0025 ppm		2.5 mL	HG-1	0.1 ppm
CCV Preparation:				
0.005 ppm		5 mL	HG-2	0.1 ppm

Low Level Mercury Standards Preparation				
Final Concentration		Spiking Standard		
		Amount	Standard	Concentration
Calibration Standards:				
0.5 ppt		20 ul	HG ICAL	1.0 ppb
1.0 ppt		40 ul	HG ICAL	1.0 ppb
2 ppt		80 ul	HG ICAL	1.0 ppb
5 ppt		200 ul	HG ICAL	1.0 ppb
10 ppt		400 ul	HG ICAL	1.0 ppb
25 ppt		1000 ul	HG ICAL	1.0 ppb
ICV Preparation				
5 ppt		200 ul	HG ICV	1.0 ppb
CCV Preparation:				
5 ppt		200 ul	HG ICAL	1.0 ppb

Test America North Canton
Revised 1/9/07
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SPIKING STANDARD DEFINITIONS

Elements	Ag	ICP-1	ICP-2A	ICPMS-1	ICPMS-2	HG-1	HG-2	HG ICAL	HG ICV	TCLP Spike I	TCLP Spike II
Ag	2.5 ppm			10ppm						100 ppm	
Al		100 ppm			1000ppm						100 ppm
As		100 ppm		10ppm						500 ppm	
Ba		100 ppm		10ppm						5000 ppm	
Be		2.5 ppm		10ppm							2.5 ppm
Cd		2.5 ppm		10ppm						100 ppm	
Ca			2500 ppm		1000ppm						
Co		25 ppm		10ppm							25 ppm
Cr		10 ppm		10ppm						500 ppm	
Cu		12.5 ppm		10ppm							12.5 ppm
Fe		50 ppm			1000ppm						50 ppm
Hg						0.1 ppm	0.1 ppm	1.0 ppb	1.0 ppb		
K			2500 ppm		1000ppm						
Mg			2500 ppm		1000ppm						
Mn		25 ppm		10ppm							25 ppm
Na			2500 ppm		1000ppm						
Ni		25 ppm		10ppm							25 ppm
Pb		25 ppm		10ppm						500 ppm	
Sb		25 ppm		10ppm							25 ppm
Se		100 ppm		10ppm						100 ppm	
Tl		100 ppm		10ppm							100 ppm
V		25 ppm		10ppm							25 ppm
Zn		25 ppm		10ppm							25 ppm
B		50 ppm		10ppm							50 ppm
Sr		50 ppm		10ppm							
Mo		50 ppm		10ppm							50 ppm
W		50 ppm		10ppm							
Sn		100 ppm		10ppm							100 ppm
Zr		50 ppm		10ppm							
Ti		50 ppm		10ppm							

Test America North Canton
Revised 4/5/02
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DATE: 6.1.10

METALS PREPARATION REAGENTS/STANDARDS

Reagents and Standards listed on this form are used for the entire day's prep batches unless otherwise noted on the individual prep log.

REAGENT NAME	REAGENT NUMBER
1:1 HNO_3 (nitric acid)	OMR 366
1:1 HCl (hydrochloric acid)	OMR 339
HNO_3 (nitric acid)	OMR 316
HCl (hydrochloric acid)	OMR 334
$KMnO_4$ (potassium permanganate)	OMR 352
$K_2S_2O_8$ (potassium persulfate)	OMR 353
H_2O_2 (hydrogen peroxide)	OMR 166
H_2SO_4 (sulfuric acid)	OMR 317
HCl/HNO_3 (aqua regia)	OMR 367

STANDARD NAME	STANDARD/LOT NUMBER
ICP-1	OE217
ICP-2A	OE213
RCRA	—
non-RCRA	—
Ag	OE243
Hg	OF 262
ICPMS-1	HPS1008912A HPS1008921B
ICPMS-2	HPS093082 1

Filter Paper Lot #
K 11592821 A

Waters

Hg time in the water bath (HB1) 10:35

Hg time out of the water bath (HB1) 12:35

Solids

Hg time in the water bath (HB1) 12:45

Hg time out of the water bath (HB1) 1:15

Times listed are for the waters and solids for that day unless otherwise noted.

All solid batches were weighed on balance number B030 unless otherwise noted.

Daily Batch Level II Lisa McGee

Test America North Canton
Revision Date: 4/4/08
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Hg Standard Curve Preparation Summary

Date: 6.1.10

Time In: 8:35

Time Out: 10:35

Standard Concentrations	Standard Numbers
S0	
0.2 ppb	
CRA - 0.2 ppb	
0.5 ppb	
1.0 ppb	STD 0F263
5.0 ppb	
10.0 ppb	
CCV - 5.0 ppb	
CCB	
ICV - 2.5 ppb	STD 0F262
ICB	

GENERAL CHEMISTRY DATA

SAMPLE DATA

TRW Automotive

Client Sample ID: SW-WC1-201005251100

General Chemistry

Lot-Sample #...: A0E280605-001 **Work Order #...:** L1839 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**67.7**	**5.0**	**mg/L**	**SM18 2320 B**	**06/05/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/05/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**1.0**	**0.50**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152312**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/27/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**15.6**	**1.0**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/27/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	**0.10**	**0.10**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152311**
		Dilution Factor: 1				
Dissolved Sulfate	**14.5**	**1.0**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	**0.24**	**0.10**	**mg/L**	**SM18 4500-P E**	**06/03/10**	**0154384**
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-WC2-201005251200

General Chemistry

Lot-Sample #...: A0E280605-002 **Work Order #...:** L184N **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**62.3**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	ND	0.50	mg/L	SW846 9056A	05/28/10	0152312
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/28/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**12.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/28/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/28/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate	**4.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-WC3-201005251300

General Chemistry

Lot-Sample #...: A0E280605-003 **Work Order #...:** L184P **Matrix.....:** WG
Date Sampled...: 05/25/10 13:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**65.5**	**5.0**	**mg/L**	**SM18 2320 B**	**06/05/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/05/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	ND	0.50	mg/L	SW846 9056A	05/28/10	0152312
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/28/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**13.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/28/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/28/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate	**5.0**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-WC4-201005251400

General Chemistry

Lot-Sample #...: A0E280605-004 **Work Order #...:** L184Q **Matrix.....:** WG
Date Sampled...: 05/25/10 14:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**68.9**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	ND	0.50	mg/L	SW846 9056A	05/28/10	0152312
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/28/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**13.4**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/28/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/28/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate	**5.0**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: DUP01-20100525

General Chemistry

Lot-Sample #...: A0E280605-005 **Work Order #...:** L184T **Matrix.....:** WG
Date Sampled...: 05/25/10 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**62.5**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.50**	**0.50**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152312**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/27/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**12.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/27/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/27/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate	**4.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity		Work Order #: L2JMT1AA		MB Lot-Sample #:	A0F050000-023	
	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1				
Carbonate Alkalinity		Work Order #: L2JM31AA		MB Lot-Sample #:	A0F050000-026	
	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Total Phosphorus, Dissolved		Work Order #: L2E811AA		MB Lot-Sample #:	A0F030000-384	
	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		Work Order #: L2AVJ1AA		MB Lot-Sample #:	A0F010000-312	
	ND	0.50	mg/L	SW846 9056A	05/27/10	0152312
		Dilution Factor: 1				
Dissolved Ammonia as N		Work Order #: L2KF31AA		MB Lot-Sample #:	A0F070000-342	
	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide		Work Order #: L2AVD1AA		MB Lot-Sample #:	A0F010000-308	
	ND	0.50	mg/L	SW846 9056A	05/27/10	0152308
		Dilution Factor: 1				
Dissolved Chloride		Work Order #: L2AVC1AA		MB Lot-Sample #:	A0F010000-307	
	ND	1.0	mg/L	SW846 9056A	05/27/10	0152307
		Dilution Factor: 1				
Dissolved Fluoride		Work Order #: L2AVF1AA		MB Lot-Sample #:	A0F010000-309	
	ND	1.0	mg/L	SW846 9056A	05/27/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N		Work Order #: L2AVG1AA		MB Lot-Sample #:	A0F010000-310	
	ND	0.10	mg/L	SW846 9056A	05/27/10	0152310
		Dilution Factor: 1				
Dissolved Nitrite		Work Order #: L2AVH1AA		MB Lot-Sample #:	A0F010000-311	
	ND	0.10	mg/L	SW846 9056A	05/27/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate		Work Order #: L2AVK1AA		MB Lot-Sample #:	A0F010000-313	
	ND	1.0	mg/L	SW846 9056A	05/27/10	0152313
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved		Work Order #: L2E811AC	LCS Lot-Sample#: A0F030000-384		
	90	(53 - 134)	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved			Work Order #: L2E811AC		LCS Lot-Sample#: A0F030000-384		
	2.6	2.3	mg/L	90	SM18 4500-P E	06/03/10	0154384
			Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate	WO#:L2AVJ1AC-LCS/L2AVJ1AD-LCSD LCS Lot-Sample#: A0F010000-312						
	100	(90 - 110)			SW846 9056A	05/27/10	0152312
	100	(90 - 110)	0.0	(0-20)	SW846 9056A	05/27/10	0152312
	Dilution Factor: 1						
Dissolved Bromide	WO#:L2AVD1AC-LCS/L2AVD1AD-LCSD LCS Lot-Sample#: A0F010000-308						
	94	(90 - 110)			SW846 9056A	05/27/10	0152308
	95	(90 - 110)	1.0	(0-20)	SW846 9056A	05/27/10	0152308
	Dilution Factor: 1						
Dissolved Chloride	WO#:L2AVC1AC-LCS/L2AVC1AD-LCSD LCS Lot-Sample#: A0F010000-307						
	104	(90 - 110)			SW846 9056A	05/27/10	0152307
	103	(90 - 110)	0.38	(0-20)	SW846 9056A	05/27/10	0152307
	Dilution Factor: 1						
Dissolved Fluoride	WO#:L2AVF1AC-LCS/L2AVF1AD-LCSD LCS Lot-Sample#: A0F010000-309						
	96	(90 - 110)			SW846 9056A	05/27/10	0152309
	96	(90 - 110)	0.0	(0-20)	SW846 9056A	05/27/10	0152309
	Dilution Factor: 1						
Dissolved Nitrate as N	WO#:L2AVG1AC-LCS/L2AVG1AD-LCSD LCS Lot-Sample#: A0F010000-310						
	96	(90 - 110)			SW846 9056A	05/27/10	0152310
	96	(90 - 110)	0.0	(0-20)	SW846 9056A	05/27/10	0152310
	Dilution Factor: 1						
Dissolved Nitrite	WO#:L2AVH1AC-LCS/L2AVH1AD-LCSD LCS Lot-Sample#: A0F010000-311						
	100	(90 - 110)			SW846 9056A	05/27/10	0152311
	100	(90 - 110)	0.0	(0-20)	SW846 9056A	05/27/10	0152311
	Dilution Factor: 1						
Dissolved Sulfate	WO#:L2AVK1AC-LCS/L2AVK1AD-LCSD LCS Lot-Sample#: A0F010000-313						
	95	(90 - 110)			SW846 9056A	05/27/10	0152313
	96	(90 - 110)	0.62	(0-20)	SW846 9056A	05/27/10	0152313
	Dilution Factor: 1						

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		WO#:L2AVJ1AC-LCS/L2AVJ1AD-LCSD				LCS Lot-Sample#: A0F010000-312		
	2.5	2.5	mg/L	100		SW846 9056A	05/27/10	0152312
	2.5	2.5	mg/L	100	0.0	SW846 9056A	05/27/10	0152312
		Dilution Factor: 1						
Dissolved Bromide		WO#:L2AVD1AC-LCS/L2AVD1AD-LCSD				LCS Lot-Sample#: A0F010000-308		
	10.0	9.4	mg/L	94		SW846 9056A	05/27/10	0152308
	10.0	9.5	mg/L	95	1.0	SW846 9056A	05/27/10	0152308
		Dilution Factor: 1						
Dissolved Chloride		WO#:L2AVC1AC-LCS/L2AVC1AD-LCSD				LCS Lot-Sample#: A0F010000-307		
	50.0	51.8	mg/L	104		SW846 9056A	05/27/10	0152307
	50.0	51.6	mg/L	103	0.38	SW846 9056A	05/27/10	0152307
		Dilution Factor: 1						
Dissolved Fluoride		WO#:L2AVF1AC-LCS/L2AVF1AD-LCSD				LCS Lot-Sample#: A0F010000-309		
	2.5	2.4	mg/L	96		SW846 9056A	05/27/10	0152309
	2.5	2.4	mg/L	96	0.0	SW846 9056A	05/27/10	0152309
		Dilution Factor: 1						
Dissolved Nitrate as N		WO#:L2AVG1AC-LCS/L2AVG1AD-LCSD				LCS Lot-Sample#: A0F010000-310		
	2.5	2.4	mg/L	96		SW846 9056A	05/27/10	0152310
	2.5	2.4	mg/L	96	0.0	SW846 9056A	05/27/10	0152310
		Dilution Factor: 1						
Dissolved Nitrite		WO#:L2AVH1AC-LCS/L2AVH1AD-LCSD				LCS Lot-Sample#: A0F010000-311		
	2.5	2.5	mg/L	100		SW846 9056A	05/27/10	0152311
	2.5	2.5	mg/L	100	0.0	SW846 9056A	05/27/10	0152311
		Dilution Factor: 1						
Dissolved Sulfate		WO#:L2AVK1AC-LCS/L2AVK1AD-LCSD				LCS Lot-Sample#: A0F010000-313		
	50.0	47.6	mg/L	95		SW846 9056A	05/27/10	0152313
	50.0	47.9	mg/L	96	0.62	SW846 9056A	05/27/10	0152313
		Dilution Factor: 1						

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N		Work Order #: L2KF31AC	LCS Lot-Sample#: A0F070000-342		
	91	(85 - 114)	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N			Work Order #: L2KF31AC		LCS Lot-Sample#: A0F070000-342		
	6.5	5.9	mg/L	91	SM18 4500 NH3 E	06/07/10	0158342
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved	WO#: L179V1GT-MS/L179V1GU-MSD MS Lot-Sample #: A0E280509-003						
	101	(10 - 199)			SM18 4500-P E	06/03/10	0154384
	100	(10 - 199)	0.37	(0-46)	SM18 4500-P E	06/03/10	0154384
	Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved			WO#: L179V1GT-MS/L179V1GU-MSD				MS Lot-Sample #: A0E280509-003		
	ND	0.50	0.54	mg/L	101		SM18 4500-P E	06/03/10	0154384
	ND	0.50	0.54	mg/L	100	0.37	SM18 4500-P E	06/03/10	0154384
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Bromide		Work Order #...: L184N1A8		MS Lot-Sample #:	A0E280605-002
	96	(80 - 120)	SW846 9056A	05/28/10	0152308
		Dilution Factor: 1			
Dissolved Chloride		Work Order #...: L184N1A7		MS Lot-Sample #:	A0E280605-002
	108	(80 - 120)	SW846 9056A	05/28/10	0152307
		Dilution Factor: 1			
Dissolved Fluoride		Work Order #...: L184N1A9		MS Lot-Sample #:	A0E280605-002
	112	(80 - 120)	SW846 9056A	05/28/10	0152309
		Dilution Factor: 1			
Dissolved Nitrate as N		Work Order #...: L184N1CA		MS Lot-Sample #:	A0E280605-002
	96	(90 - 110)	SW846 9056A	05/28/10	0152310
		Dilution Factor: 1			
Dissolved Nitrite		Work Order #...: L184N1CC		MS Lot-Sample #:	A0E280605-002
	108	(90 - 110)	SW846 9056A	05/28/10	0152311
		Dilution Factor: 1			
Dissolved Sulfate		Work Order #...: L184N1CE		MS Lot-Sample #:	A0E280605-002
	94	(90 - 110)	SW846 9056A	05/28/10	0152313
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Bromide			Work Order #...:		L184N1A8		MS Lot-Sample #:	A0E280605-002
	ND	10.0	9.6	mg/L	96	SW846 9056A	05/28/10	0152308
			Dilution Factor: 1					
Dissolved Chloride			Work Order #...:		L184N1A7		MS Lot-Sample #:	A0E280605-002
	12.7	50.0	66.8	mg/L	108	SW846 9056A	05/28/10	0152307
			Dilution Factor: 1					
Dissolved Fluoride			Work Order #...:		L184N1A9		MS Lot-Sample #:	A0E280605-002
	ND	2.5	2.9	mg/L	112	SW846 9056A	05/28/10	0152309
			Dilution Factor: 1					
Dissolved Nitrate as N			Work Order #...:		L184N1CA		MS Lot-Sample #:	A0E280605-002
	0.20	2.5	2.6	mg/L	96	SW846 9056A	05/28/10	0152310
			Dilution Factor: 1					
Dissolved Nitrite			Work Order #...:		L184N1CC		MS Lot-Sample #:	A0E280605-002
	ND	2.5	2.7	mg/L	108	SW846 9056A	05/28/10	0152311
			Dilution Factor: 1					
Dissolved Sulfate			Work Order #...:		L184N1CE		MS Lot-Sample #:	A0E280605-002
	4.7	50.0	51.9	mg/L	94	SW846 9056A	05/28/10	0152313
			Dilution Factor: 1					

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N	WO#: L179V1C8-MS/L179V1C9-MSD MS Lot-Sample #: A0E280509-003						
	63 N	(75 - 125)			SM18 4500 NH3 E	06/07/10	0158342
	91 *	(75 - 125)	33	(0-20)	SM18 4500 NH3 E	06/07/10	0158342

Dilution Factor: 1

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N			WO#: L179V1C8-MS/L179V1C9-MSD				MS Lot-Sample #: A0E280509-003		
	ND	4.0	2.8 N	mg/L	63		SM18 4500 NH3	06/07/10	0158342
	ND	4.0	3.9 *	mg/L	91	33	SM18 4500 NH3	06/07/10	0158342
			Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Work Order #...:** L179V-SMP L179V-DUP **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	A0E280509-003	
	139	150	mg/L	7.0	(0-20)	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1						
Carbonate Alkalinity						SD Lot-Sample #:	A0E280509-003	
	ND	ND	mg/L	0	(0-20)	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1						

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Work Order #...:** L1839-SMP L1839-DUP **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	A0E280605-001	
	67.7	67.5	mg/L	0.21	(0-20)	SM18 2320 B	06/05/10	0156023
		Dilution Factor: 1						
Carbonate Alkalinity						SD Lot-Sample #:	A0E280605-001	
	ND	ND	mg/L	0	(0-20)	SM18 2320 B	06/05/10	0156026
		Dilution Factor: 1						

SUPPORTIVE RAW DATA

Method: 300, 9056 -312

0152307-308-309-310-311-312

TestAmerica
North Canton
Ion Chromatography

SEQUENCE: \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m Instrument : ic120.i LEVEL 1 DATE: 6.1.10 Date Analyzed: 5/27/2010

LEVEL 2 DATE: 6/10/10 Units: mg/L or mg/Kg

Inj. Date	Sample ID	Matrix	Dil	FLUORIDE RL	FLUORIDE Result	CHLORIDE RL	CHLORIDE Result	NITRITE RL	NITRITE Result	BROMIDE RL	BROMIDE Result	NITRATE-N RL	NITRATE-N Result	O-PHOS-P RL	O-PHOS-P Result	SULFATE RL	SULFATE Result
	RLs:>>			0.1		1		0.1		0.2		0.1		0.1		1	
26-May-10	Highest Cal Std conc & area			10	99207057	200	1.837E+09	10	137051539	50	117975469	10	165308307	10	69994377	200	1.181E+09
5/27/2010 18:14	L13M0	L	1	0.1	ND	1	5.00	0.1	ND	0.2	ND	0.1	0.30	0.1	0.80	1	4.80
5/27/2010 18:31	L13M1	L	1	0.1	ND	1	4.20	0.1	ND	0.2	ND	0.1	ND	0.1	0.40	1	5.20
5/27/2010 18:47	L13M2	L	1	0.1	ND	1	4.20	0.1	ND	0.2	ND	0.1	0.10	0.1	0.20	1	4.40
5/27/2010 19:03	CCV	L	1	P 96%	2.40	P 104%	52.00	P 96%	2.40	P 96%	9.60	P 100%	2.50	P 100%	2.50	P 97%	48.50
5/27/2010 19:20	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	ND	P< 1	ND
5/27/2010 19:36	L13M3	L	1	0.1	ND	1	4.20	0.1	ND	0.2	ND	0.1	0.10	0.1	0.10	1	4.40
5/27/2010 19:53	L13M4	L	1	0.1	ND	1	4.10	0.1	ND	0.2	ND	0.1	ND	0.1	0.10	1	4.70
5/27/2010 20:09	L13M5	L	1	0.1	ND	1	4.10	0.1	ND	0.2	ND	0.1	ND	0.1	ND	1	4.50
5/27/2010 20:25	L13M7	L	1	0.1	ND	1	4.20	0.1	ND	0.2	ND	0.1	0.10	0.1	0.10	1	4.00
5/27/2010 20:42	L13M8	L	1	0.1	ND	1	4.10	0.1	ND	0.2	ND	0.1	0.10	0.1	ND	1	4.50
5/27/2010 20:58	L1P6T ORG	L	1	0.1	0.30	1	160.80	0.1	ND	0.2	0.60	0.1	ND	0.1	ND	1	23.20
5/27/2010 21:15	L1P6T MS	L	5	P 96%	2.70	P 36%	178.90	P 100%	2.50	P 92%	9.80	P 92%	2.30	P 196%	4.90	P 87%	66.80
5/27/2010 21:31	L1P6T MSD	L	5	P 92%	2.60	P 30%	176.00	P 104%	2.60	P 92%	9.80	P 92%	2.30	P 208%	5.20	P 86%	66.40
5/27/2010 21:47	L13T4	L	20	2 G	ND	20	3856.00	2 G	ND	4 G	2.4 B	2 G	ND	2 G	ND	20	73.80
5/27/2010 22:04	L13T8	L	20	2 G	ND	20	Dil 50X	2 G	ND	4	5.10	2 G	0.8 B	2 G	ND	20	96.60
5/27/2010 22:20	CCV	L	1	P 96%	2.40	P 105%	52.30	P 96%	2.40	P 95%	9.50	P 100%	2.50	P 100%	2.50	P 97%	48.40
5/27/2010 22:37	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	ND	P< 1	ND
5/27/2010 22:53	LCS	L	1	P 96%	2.40	P 104%	51.80	P 100%	2.50	P 94%	9.40	P 96%	2.40	P 100%	2.50	P 95%	47.60
5/27/2010 23:10	LCS DUP	L	1	P 96%	2.40	P 103%	51.60	P 100%	2.50	P 95%	9.50	P 96%	2.40	P 100%	2.50	P 96%	47.90
5/27/2010 23:26	L13T9	L	20	2 G	ND	20	Dil 20X	2 G	ND	4 G	ND	2 G	ND	2	3.00	20	45.40
5/27/2010 23:42	L1839	L	1	0.1	0.30	1	15.60	0.1	0.10	0.2	ND	0.1	0.20	0.1	1.00	1	14.50
5/27/2010 23:59	L184T	L	1	0.1	0.10	1	12.70	0.1	ND	0.2	ND	0.1	0.20	0.1	0.50	1	4.70
5/28/2010 0:15	L184P	L	1	0.1	0.10	1	13.70	0.1	ND	0.2	ND	0.1	0.20	0.1	0.40	1	5.00
5/28/2010 0:32	L184Q	L	1	0.1	0.10	1	13.40	0.1	ND	0.2	ND	0.1	0.20	0.1	0.40	1	5.00
5/28/2010 0:48	L184N ORG	L	1	0.1	0.10	1	12.70	0.1	ND	0.2	ND	0.1	0.20	0.1	0.30	1	4.70

G - diluted for another analyte or matrix
B - estimated result, < RL

DX-120 Spreadsheet.xls
VER . 2000 09 05

Method: 300, 9056

TestAmerica
North Canton
Ion Chromatography

0 SEQUENCE: \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m Instrument : ic120.i LEVEL 1_____ DATE:_____ Date Analyzed: 5/27/2010

0 LEVEL 2_____ DATE:_____ Units: mg/L or mg/Kg

	Inj. Date	Sample ID	Matrix	Dil	FLUORIDE		CHLORIDE		NITRITE		BROMIDE		NITRATE-N		O-PHOS-P		SULFATE	
					RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
0		RLs:>>			0.1		1		0.1		0.2		0.1		0.1		1	
Injec	26-May-10	Highest Cal Std conc & area			10	99207057	200	1.837E+09	10	137051539	50	117975469	10	165308307	10	69994377	200	1.181E+09
51	5/28/2010 1:04	L184N MS	L	1	P 112%	2.90	P 108%	66.80	P 108%	2.70	P 96%	9.60	P 96%	2.60	P 200%	5.30	P 94%	51.90
52	5/28/2010 1:21	CCV	L	1	P 96%	2.40	P 103%	51.50	P 96%	2.40	P 94%	9.40	P 96%	2.40	P 108%	2.70	P 96%	47.80
53	5/28/2010 1:37	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	0.2 B	P< 1	ND
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!
0	1/0/1900 0:00	0		0	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!	Unknown Matrix	#VALUE!

G - diluted for another analyte or matrix
B - estimated result, < RL

DX-120 Spreadsheet.xls
VER . 2000 09 05

500

North Canton

Method: 300, 9056

TestAmerica
North Canton
Ion Chromatography

0 SEQUENCE: \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m Instrument : ic120.i LEVEL 1 DATE: 6·1·10 Date Analyzed: 5/27/2010

0 LEVEL 2 DATE: Units: mg/L or mg/Kg

	Inj. Date	Sample ID	Matrix	Dil	FLUORIDE		CHLORIDE		NITRITE		BROMIDE		NITRATE-N		O-PHOS-P		SULFATE	
					RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result
0		RLs:>>			0.1		1		0.1		0.2		0.1		0.1		1	
Injec	26-May-10	Highest Cal Std conc & area			10	99207057	200	1.837E+09	10	137051539	50	117975469	10	165308307	10	69994377	200	1.181E+09
1	5/27/2010 9:37	RINSE	L	1	0.1	ND	1	0.1 B	0.1	ND	0.2	ND	0.1	ND	0.1	ND	1	ND
2	5/27/2010 9:54	CCV	L	1	P 100%	2.50	P 105%	52.50	P 104%	2.60	P 101%	10.10	P 104%	2.60	P 96%	2.40	P 97%	48.50
3	5/27/2010 10:10	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	ND	P< 1	ND
4	5/27/2010 10:27	LX74A	L	2	0.2 G	ND	2	53.60	0.2 G	ND	0.4 G	ND	0.2	13.10	0.2	4.60	2 G	1.7 B
5	5/27/2010 10:43	CCV	L	1	P 100%	2.50	P 105%	52.70	P 104%	2.60	P 99%	9.90	P 100%	2.50	P 100%	2.50	P 98%	48.80
6	5/27/2010 10:59	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	0.1 B	P< 1	ND
7	5/27/2010 13:02	LCS	L	1	P 96%	2.40	P 104%	52.00	P 100%	2.50	P 95%	9.50	P 96%	2.40	P 96%	2.40	P 96%	48.10
8	5/27/2010 13:19	LCS DUP	L	1	P 96%	2.40	P 105%	52.30	P 104%	2.60	P 97%	9.70	P 96%	2.40	P 100%	2.50	P 96%	48.10
9	5/27/2010 13:35	L15C7	L	1	0.1	ND	1	14.00	0.1	ND	0.2	ND	0.1	0.10	0.1	0.40	1	4.00
10	5/27/2010 13:52	L15DG	L	1	0.1	ND	1	13.70	0.1	ND	0.2	ND	0.1	0.10	0.1	0.20	1	4.00
11	5/27/2010 14:08	L15DH	L	1	0.1	ND	1	13.60	0.1	ND	0.2	ND	0.1	0.10	0.1	0.10	1	4.00
12	5/27/2010 14:24	L15DJ	L	1	0.1	ND	1	14.00	0.1	ND	0.2	ND	0.1	0.10	0.1	0.10	1	3.90
13	5/27/2010 14:41	L15DK	L	1	0.1	ND	1	22.00	0.1	ND	0.2	ND	0.1	0.20	0.1	0.10	1	3.40
14	5/27/2010 14:57	L15DL	L	1	0.1	ND	1	11.90	0.1	ND	0.2	ND	0.1	0.10	0.1	ND	1	4.60
15	5/27/2010 15:14	L15DP ORG	L	1	0.1	ND	1	13.80	0.1	ND	0.2	ND	0.1	0.40	0.1	ND	1	4.00
16	5/27/2010 15:30	L15DP MS	L	1	P 116%	2.90	P 103%	65.50	P 100%	2.50	P 97%	9.70	P 84%	2.50	P 216%	5.40	P 90%	49.20
17	5/27/2010 15:46	CCV	L	1	P 100%	2.50	P 105%	52.40	P 100%	2.50	P 96%	9.60	P 100%	2.50	P 104%	2.60	P 97%	48.70
18	5/27/2010 16:03	CCB	L	1	P< 1	ND	P< 1	ND	P< 0.5	ND	P< 0.5	ND	P< 0.1	ND	P< 0.5	0.2 B	P< 1	ND
19	5/27/2010 16:19	L15DQ	L	1	0.1	ND	1	13.00	0.1	ND	0.2	ND	0.1	0.10	0.1	0.20	1	4.30
20	5/27/2010 16:36	L15DM	L	1	0.1	0.10	1	15.70	0.1	ND	0.2	ND	0.1	ND	0.1	0.10	1	3.90
21	5/27/2010 16:52	L15DR	L	1	0.1	ND	1	13.00	0.1	ND	0.2	ND	0.1	0.10	0.1	0.10	1	4.40
22	5/27/2010 17:09	L15DT	L	1	0.1	ND	1	14.20	0.1	ND	0.2	ND	0.1	0.10	0.1	0.10	1	3.90
23	5/27/2010 17:25	L15DX	L	1	0.1	ND	1	14.50	0.1	ND	0.2	ND	0.1	0.10	0.1	0.10	1	4.00
24	5/27/2010 17:41	L15D1 ORG	L	1	0.1	ND	1	14.80	0.1	ND	0.2	ND	0.1	0.10	0.1	0.10	1	4.00
25	5/27/2010 17:58	L15D1 MS	L	1	P 120%	3.00	P 108%	68.60	P 104%	2.60	P 96%	9.60	P 96%	2.50	P 212%	5.40	P 93%	50.50

G - diluted for another analyte or matrix
B - estimated result, < RL

DX-120 Spreadsheet.xls
VER . 2000 09 05

Sequence: 052710
Operator: wetchemnc
Printed: 6/1/2010 2:33:49 PM

Title:
Datasource: D2NJR9B1_local
Location: IC120\DX120 DATA 2010\DX 120 MAY 2010
Timebase: IC120
#Samples: 54

Created: 5/27/2010 9:31:11 AM by wetchemnc
Last Update: 6/1/2010 2:33:26 PM by wetchemnc

No.	Name	Type	Program	Status	Inj. Date/Time	Comment
1	RINSE	Unknown	DX120_14min	Finished	5/27/2010 9:37:51 AM	ELUENT=WR00485
2	CCV,,2	Unknown	DX120_14min	Finished	5/27/2010 9:54:15 AM	CCV=IC0216
3	CCB	Unknown	DX120_14min	Finished	5/27/2010 10:10:40 AM	LCS=IC0217
4	LX74A,2	Spiked	DX120_14min	Finished	5/27/2010 10:27:05 AM	
5	CCV,,2	Spiked	DX120_14min	Finished	5/27/2010 10:43:30 AM	
6	CCB	Unknown	DX120_14min	Finished	5/27/2010 10:59:55 AM	
7	LCS,,3	Unknown	DX120_14min	Finished	5/27/2010 1:02:50 PM	
8	LCS DUP,,3	Unknown	DX120_14min	Finished	5/27/2010 1:19:15 PM	
9	L15C7	Unknown	DX120_14min	Finished	5/27/2010 1:35:40 PM	
10	L15DG	Unknown	DX120_14min	Finished	5/27/2010 1:52:05 PM	
11	L15DH	Unknown	DX120_14min	Finished	5/27/2010 2:08:29 PM	
12	L15DJ	Unknown	DX120_14min	Finished	5/27/2010 2:24:54 PM	
13	L15DK	Unknown	DX120_14min	Finished	5/27/2010 2:41:19 PM	
14	L15DL	Unknown	DX120_14min	Finished	5/27/2010 2:57:43 PM	
15	L15DP ORG	Unknown	DX120_14min	Finished	5/27/2010 3:14:08 PM	
16	L15DP MS,,3	Unknown	DX120_14min	Finished	5/27/2010 3:30:33 PM	
17	CCV,,2	Unknown	DX120_14min	Finished	5/27/2010 3:46:58 PM	
18	CCB	Unknown	DX120_14min	Finished	5/27/2010 4:03:23 PM	
19	L15DQ	Unknown	DX120_14min	Finished	5/27/2010 4:19:48 PM	
20	L15DM	Unknown	DX120_14min	Finished	5/27/2010 4:36:12 PM	
21	L15DR	Unknown	DX120_14min	Finished	5/27/2010 4:52:37 PM	
22	L15DT	Unknown	DX120_14min	Finished	5/27/2010 5:09:02 PM	
23	L15DX	Unknown	DX120_14min	Finished	5/27/2010 5:25:25 PM	
24	L15D1 ORG	Unknown	DX120_14min	Finished	5/27/2010 5:41:49 PM	
25	L15D1 MS,,3	Unknown	DX120_14min	Finished	5/27/2010 5:58:14 PM	
26	L13M0	Unknown	DX120_14min	Finished	5/27/2010 6:14:38 PM	
27	L13M1	Unknown	DX120_14min	Finished	5/27/2010 6:31:03 PM	
28	L13M2	Unknown	DX120_14min	Finished	5/27/2010 6:47:28 PM	
29	CCV,,2	Unknown	DX120_14min	Finished	5/27/2010 7:03:52 PM	
30	CCB	Unknown	DX120_14min	Finished	5/27/2010 7:20:17 PM	
31	L13M3	Unknown	DX120_14min	Finished	5/27/2010 7:36:42 PM	
32	L13M4	Unknown	DX120_14min	Finished	5/27/2010 7:53:06 PM	
33	L13M5	Unknown	DX120_14min	Finished	5/27/2010 8:09:31 PM	
34	L13M7	Unknown	DX120_14min	Finished	5/27/2010 8:25:55 PM	
35	L13M8	Unknown	DX120_14min	Finished	5/27/2010 8:42:20 PM	
36	L1P6T ORG	Unknown	DX120_14min	Finished	5/27/2010 8:58:45 PM	
37	L1P6T MS,5,3	Unknown	DX120_14min	Finished	5/27/2010 9:15:09 PM	
38	L1P6T MSD,5,3	Unknown	DX120_14min	Finished	5/27/2010 9:31:34 PM	
39	L13T4,20	Unknown	DX120_14min	Finished	5/27/2010 9:47:58 PM	
40	L13T8,20	Unknown	DX120_14min	Finished	5/27/2010 10:04:23 PM	
41	CCV,,2	Unknown	DX120_14min	Finished	5/27/2010 10:20:48 PM	
42	CCB	Unknown	DX120_14min	Finished	5/27/2010 10:37:12 PM	

Sequence: 052710
Operator: wetchemnc
Printed: 6/1/2010 2:33:49 PM

Title:
Datasource: D2NJR9B1_local
Location: IC120\DX120 DATA 2010\DX 120 MAY 2010
Timebase: IC120
#Samples: 54

Created: 5/27/2010 9:31:11 AM by wetchemnc
Last Update: 6/1/2010 2:33:26 PM by wetchemnc

No.	Name	Type	Program	Status	Inj. Date/Time	Comment
43	LCS,,3	Unknown	DX120_14min	Finished	5/27/2010 10:53:37 PM	
44	LCS DUP,,3	Unknown	DX120_14min	Finished	5/27/2010 11:10:01 PM	
45	L13T9,20	Unknown	DX120_14min	Finished	5/27/2010 11:26:26 PM	
46	[redacted]	Unknown	DX120_14min	Finished	5/27/2010 11:42:51 PM	
47	[redacted]	Unknown	DX120_14min	Finished	5/27/2010 11:59:16 PM	
48	[redacted]	Unknown	DX120_14min	Finished	5/28/2010 12:15:41 AM	
49	[redacted]	Unknown	DX120_14min	Finished	5/28/2010 12:32:05 AM	
50	[redacted]	Unknown	DX120_14min	Finished	5/28/2010 12:48:30 AM	
51	[redacted]	Unknown	DX120_14min	Finished	5/28/2010 1:04:55 AM	
52	CCV,,2	Unknown	DX120_14min	Finished	5/28/2010 1:21:20 AM	
53	CCB	Unknown	DX120_14min	Finished	5/28/2010 1:37:44 AM	
54	Halt	Unknown	DX120_Halt	Finished	5/28/2010 1:54:09 AM	

Report Date : 11-Jun-2010 14:13

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Last Edit : 01-Jun-2010 14:35 scotts

Calibration File Names:
Level 1: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0002.d
Level 2: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0003.d
Level 3: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0004.d
Level 4: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0005.d
Level 5: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d
Level 6: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0007.d
Level 7: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Level 8: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0009.d
Level 9: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0010.d

Compound	0.0500000 Level 1	0.2500000 Level 2	0.5000000 Level 3	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
	5.0000 Level 7	7.5000 Level 8	10.0000 Level 9								
1 Fluoride	8390480	8934568	8587898	9102464	9141497	9178212					
	9362610	9697932	9920706				AVRG		9146263		5.30252
2 Chloride	6314997	6292885	6463640	7042959	7976910	8336438					
	8587161	8989677	9184117				AVRG		7687643		15.24740
3 Nitrite	10890320	11438116	11727106	12829850	12703456	12865903					
	12958885	13529670	13705154				AVRG		12516496		7.64281

Report Date : 11-Jun-2010 14:13

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Last Edit : 01-Jun-2010 14:35 scotts

Compound	0.0500000 Level 1 / 5.0000 Level 7	0.2500000 Level 2 / 7.5000 Level 8	0.5000000 Level 3 / 10.0000 Level 9	1.0000 Level 4	2.5000 Level 5	4.0000 Level 6	Curve	Coefficients b	m1	m2	%RSD or R^2
4 Bromide	2328245	2531355	2597699	2726134	2704742	2750338					
	2772650	2903294	2949387				AVRG		2695983		7.05000
5 Nitrate	13116360	13630328	13790684	14456457	14797277	15179975					
	15585964	16288169	16530831				AVRG		14819560		8.02277
6 Phosphate	865850	2090803	4105919	7552373	17448936	27632129					
	35283864	53455160	69994377				LINR	-0.05294	6983826		0.99974
7 Sulfate	4710604	4518045	4534122	4653479	4987781	5120889					
	5336729	5712570	5906183				AVRG		5053378		10.10142

Report Date : 11-Jun-2010 14:13

TestAmerica North Canton

INITIAL CALIBRATION DATA

Start Cal Date : 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Quant Method : ESTD
Target Version : 4.14
Integrator : Falcon
Method file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Last Edit : 01-Jun-2010 14:35 scotts

Curve	Formula	Units
Averaged	Amt = Rsp/ml	Response
Linear	Amt = b + Rsp/ml	Response

Report Date: 11-Jun-2010 14:14

Calibration History

Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Start Cal Date: 26-MAY-2010 13:13
End Cal Date : 26-MAY-2010 15:24
Last Cal Level: 1
Last Cal Type : Continuing Calibration

Initial Calibration

Injection Date	Sublist	Calibration File
Cal Level: 1 , Cal Amount: 0.05000		
26-MAY-2010 13:13	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0002.d
Cal Level: 2 , Cal Amount: 0.25000		
26-MAY-2010 13:30	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0003.d
Cal Level: 3 , Cal Amount: 0.50000		
26-MAY-2010 13:46	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0004.d
Cal Level: 4 , Cal Amount: 1.00000		
26-MAY-2010 14:02	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0005.d
Cal Level: 5 , Cal Amount: 2.50000		
26-MAY-2010 14:19	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d
Cal Level: 6 , Cal Amount: 4.00000		
26-MAY-2010 14:35	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0007.d
Cal Level: 7 , Cal Amount: 5.00000		
26-MAY-2010 14:52	all	\\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Cal Level: 8 , Cal Amount: 7.50000		

```
+==================================================================================+
|26-MAY-2010 15:08 |all                |                                            |
|\\cansvr11\dd\chem\WET\ic120.i\052610.b\0009.d                                    |
+------------------+-----------------+------------------------------------------+

+------------------+-----------------+------------------------------------------+
| Cal Level: 9 , Cal Amount: 10.00000                                              |
+==================================================================================+
|26-MAY-2010 15:24 |all                |                                            |
|\\cansvr11\dd\chem\WET\ic120.i\052610.b\0010.d                                    |
+------------------+-----------------+------------------------------------------+


Continuing Calibration
Ccal Level Mode: GLOBAL LEVEL 5
+------------------+-----------------+------------------------------------------+
|28-MAY-2010 01:21 |all                |                                            |
|\\cansvr11\chem\WET\ic120.i\052710.b\0052.d
|28-MAY-2010 01:21 |all                |
|\\cansvr11\dd\chem\WET\ic120.i\052710.b\0052.d
|27-MAY-2010 22:20 |all                |
|\\cansvr11\dd\chem\WET\ic120.i\052710.b\0041.d
|27-MAY-2010 19:03 |all                |
|\\cansvr11\dd\chem\WET\ic120.i\052710.b\0029.d
|27-MAY-2010 15:46 |all                |
|\\cansvr11\dd\chem\WET\ic120.i\052710.b\0017.d
|27-MAY-2010 10:43 |all                |
|\\cansvr11\dd\chem\WET\ic120.i\052710.b\0005.d
|27-MAY-2010 09:54 |all                |
|\\cansvr11\dd\chem\WET\ic120.i\052710.b\0002.d
+------------------+-----------------+------------------------------------------+
```

Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0002.d
Report Date: 26-May-2010 16:40

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0002.d
Lab Smp Id: IC0215
Inj Date : 26-MAY-2010 13:13
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0215
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

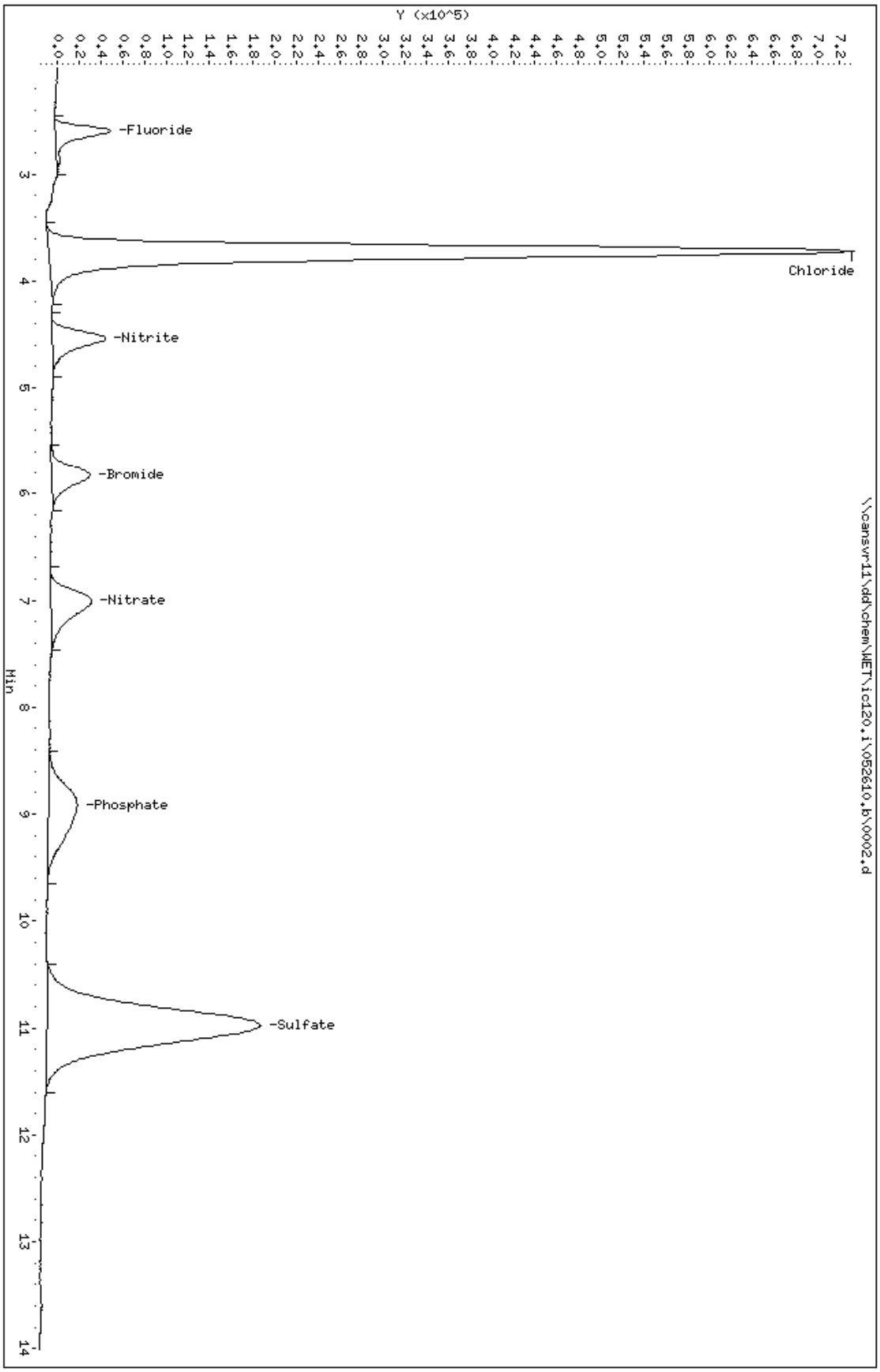
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.600	2.600	0.000	419524	0.05000	0.04587(a)
2 Chloride	3.725	3.725	0.000	6314997	1.00000	0.8214(a)
3 Nitrite	4.533	4.533	0.000	544516	0.05000	0.04350(a)
4 Bromide	5.825	5.825	0.000	465649	0.20000	0.1727(a)
5 Nitrate	7.008	7.008	0.000	655818	0.05000	0.04425(a)
6 Phosphate	8.925	8.925	0.000	865850	0.05000	0.07104(M)
7 Sulfate	10.975	10.975	0.000	4710604	1.00000	0.9322(a)

QC Flag Legend

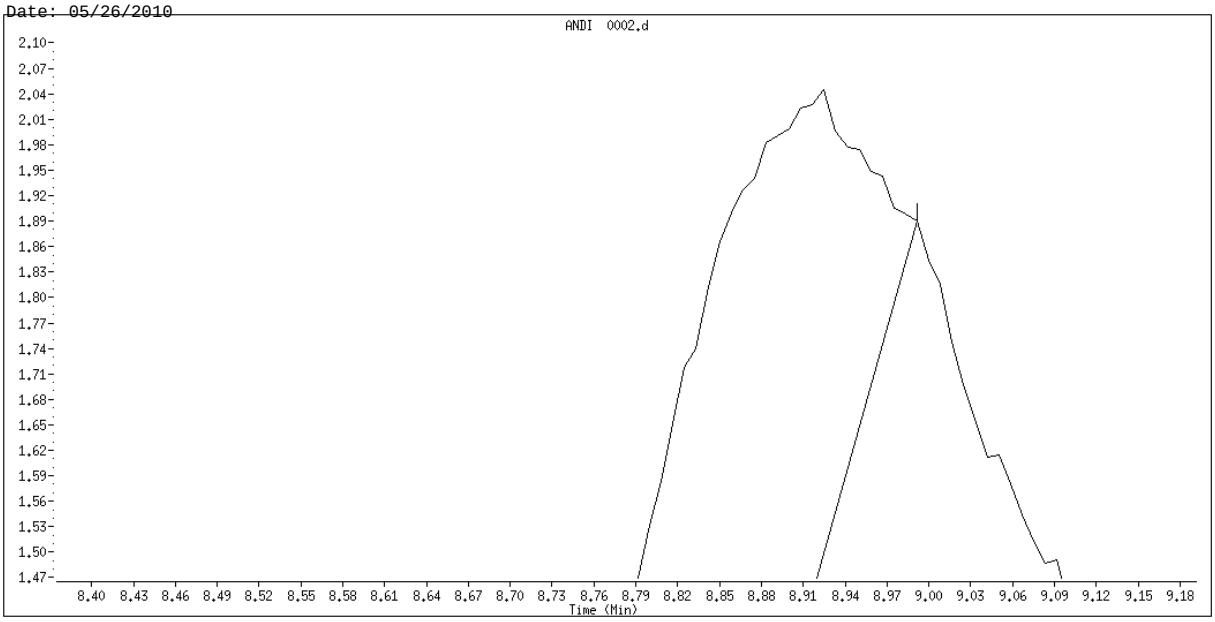
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0002.d
Date : 26-MAY-2010 13:13
Client ID:
Sample Info: IC0215
Purge Volume: 1.0
Column phase: AS14

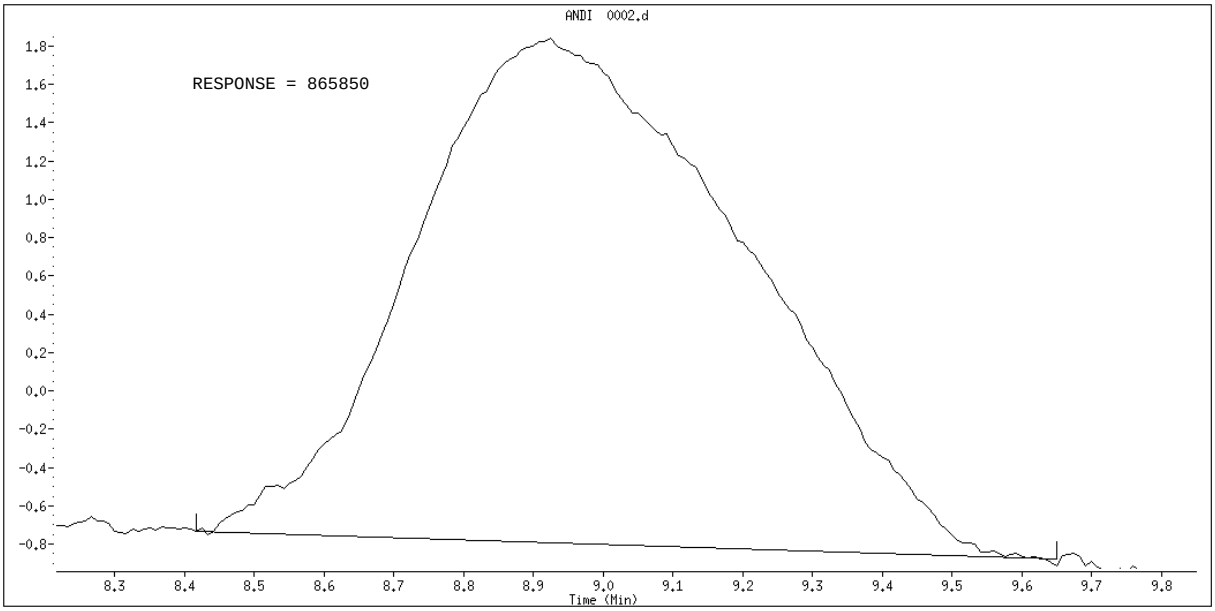
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0002.d
Inj. Date and Time: 26-MAY-2010 13:13
Instrument ID: ic120.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 05/26/2010



Original Integration



Manual Integration

Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0003.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0003.d
Lab Smp Id: IC0214
Inj Date : 26-MAY-2010 13:30
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0214
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 13:30 Cal File: 0003.d
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

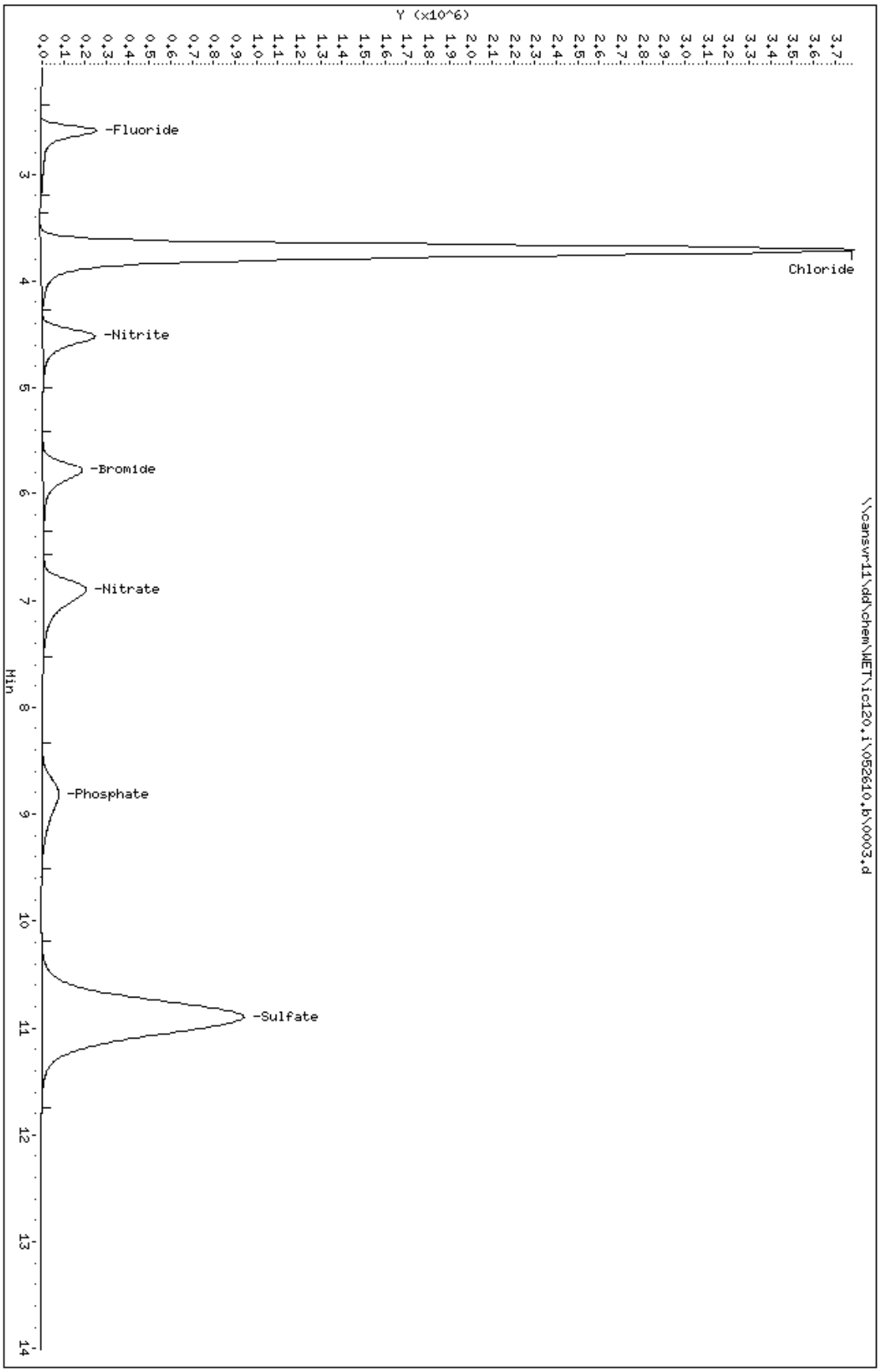
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	2233642	0.25000	0.2578
2 Chloride	3.708	3.708	0.000	31464426	5.00000	4.991
3 Nitrite	4.516	4.516	0.000	2859529	0.25000	0.2561
4 Bromide	5.783	5.783	0.000	2531355	1.00000	1.042
5 Nitrate	6.900	6.900	0.000	3407582	0.25000	0.2548
6 Phosphate	8.816	8.816	0.000	2090803	0.25000	0.2500
7 Sulfate	10.900	10.900	0.000	22590223	5.00000	4.896

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0003.d
Date : 26-MAY-2010 13:30
Client ID:
Sample Info: IC0214
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0004.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

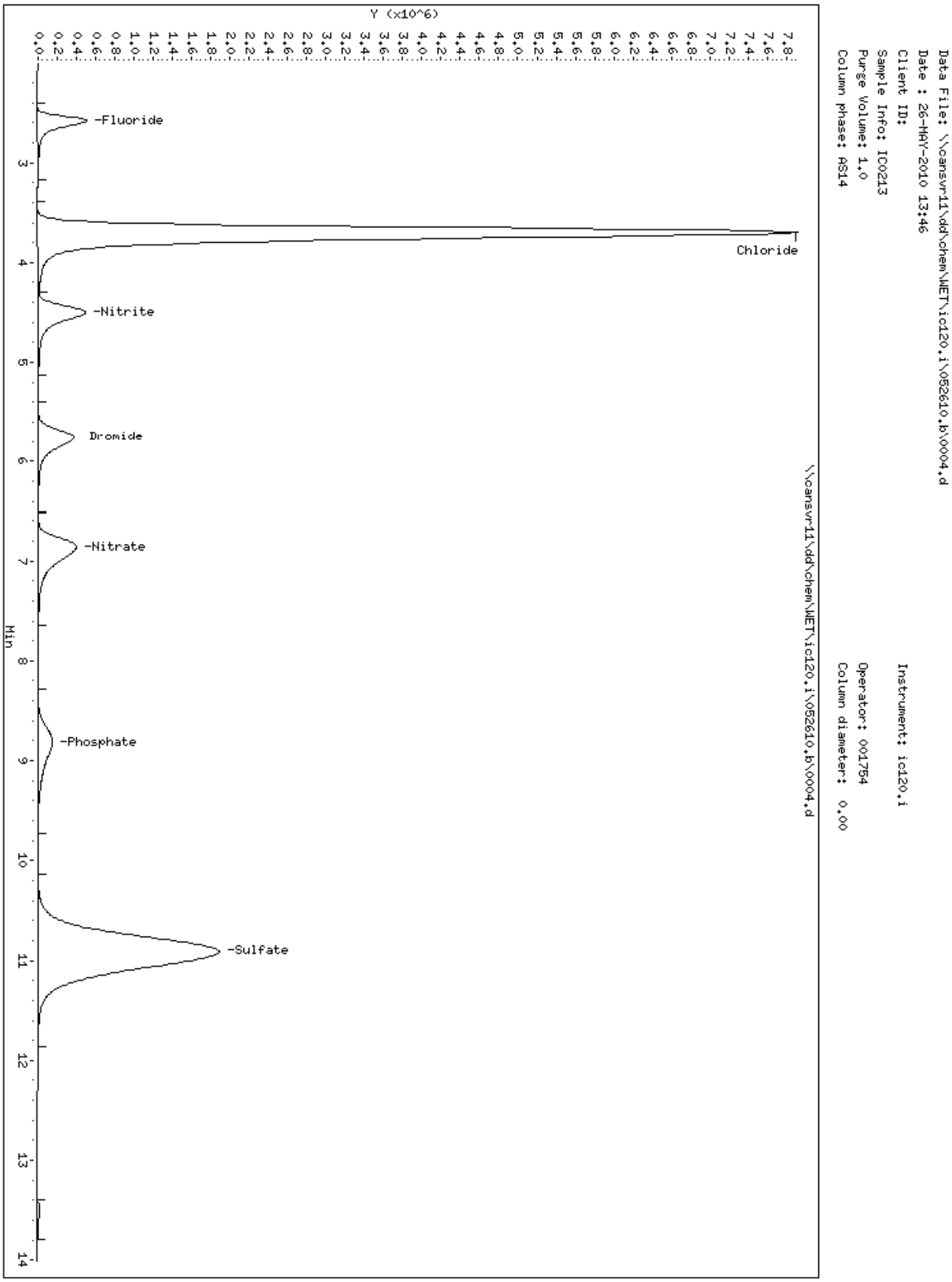
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0004.d
Lab Smp Id: IC0213
Inj Date : 26-MAY-2010 13:46
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0213
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 13:46 Cal File: 0004.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.583	2.583	0.000	4293949	0.50000	0.4971
2 Chloride	3.700	3.700	0.000	64636400	10.0000	10.17
3 Nitrite	4.500	4.500	0.000	5863553	0.50000	0.5165
4 Bromide	5.758	5.758	0.000	5195397	2.00000	2.090
5 Nitrate	6.866	6.866	0.000	6895342	0.50000	0.5103
6 Phosphate	8.816	8.816	0.000	4105919	0.50000	0.4922
7 Sulfate	10.908	10.908	0.000	45341223	10.0000	9.883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Date : 26-MAY-2010 13:46
Client ID:
Sample Info: IC0213
Purge Volume: 1.0
Column phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\052610,b\0004.d
Y (x10^6)
Min
-Fluoride
Chloride
-Nitrite
Bromide
-Nitrate
-Phosphate
-Sulfate

Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0005.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0005.d
Lab Smp Id: IC0212
Inj Date : 26-MAY-2010 14:02
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0212
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 14:02 Cal File: 0005.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

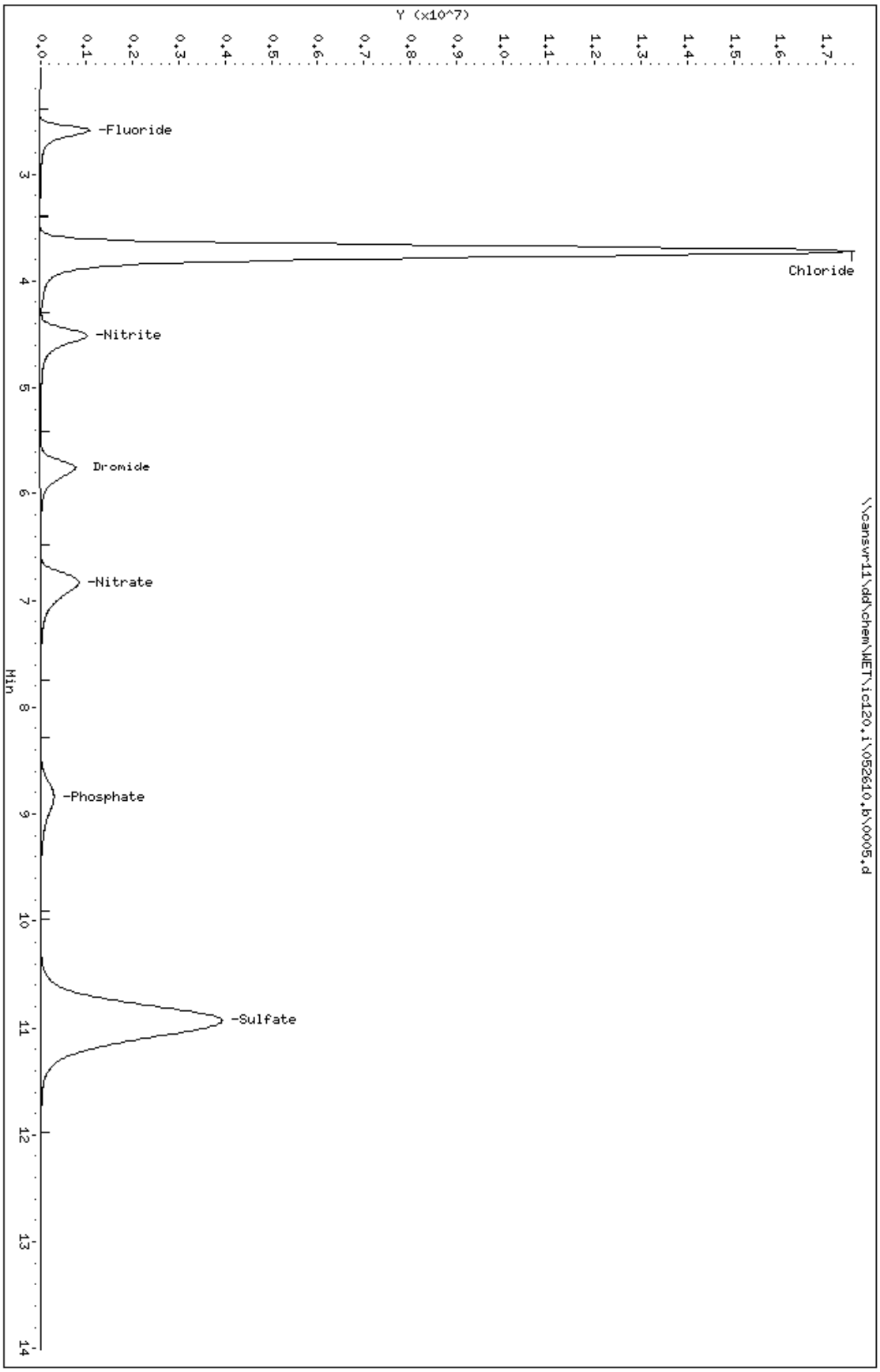
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	9102464	1.00000	1.040
2 Chloride	3.725	3.725	0.000	140859181	20.0000	21.58
3 Nitrite	4.508	4.508	0.000	12829850	1.00000	1.094
4 Bromide	5.758	5.758	0.000	10904536	4.00000	4.283
5 Nitrate	6.833	6.833	0.000	14456457	1.00000	1.051
6 Phosphate	8.841	8.841	0.000	7552373	1.00000	0.9761
7 Sulfate	10.933	10.933	0.000	93069587	20.0000	20.21

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0005.d
Date : 26-MAY-2010 14:02
Client ID:
Sample Info: IC0212
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0006.d
Lab Smp Id: IC0211
Inj Date : 26-MAY-2010 14:19
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0211
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 14:19 Cal File: 0006.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

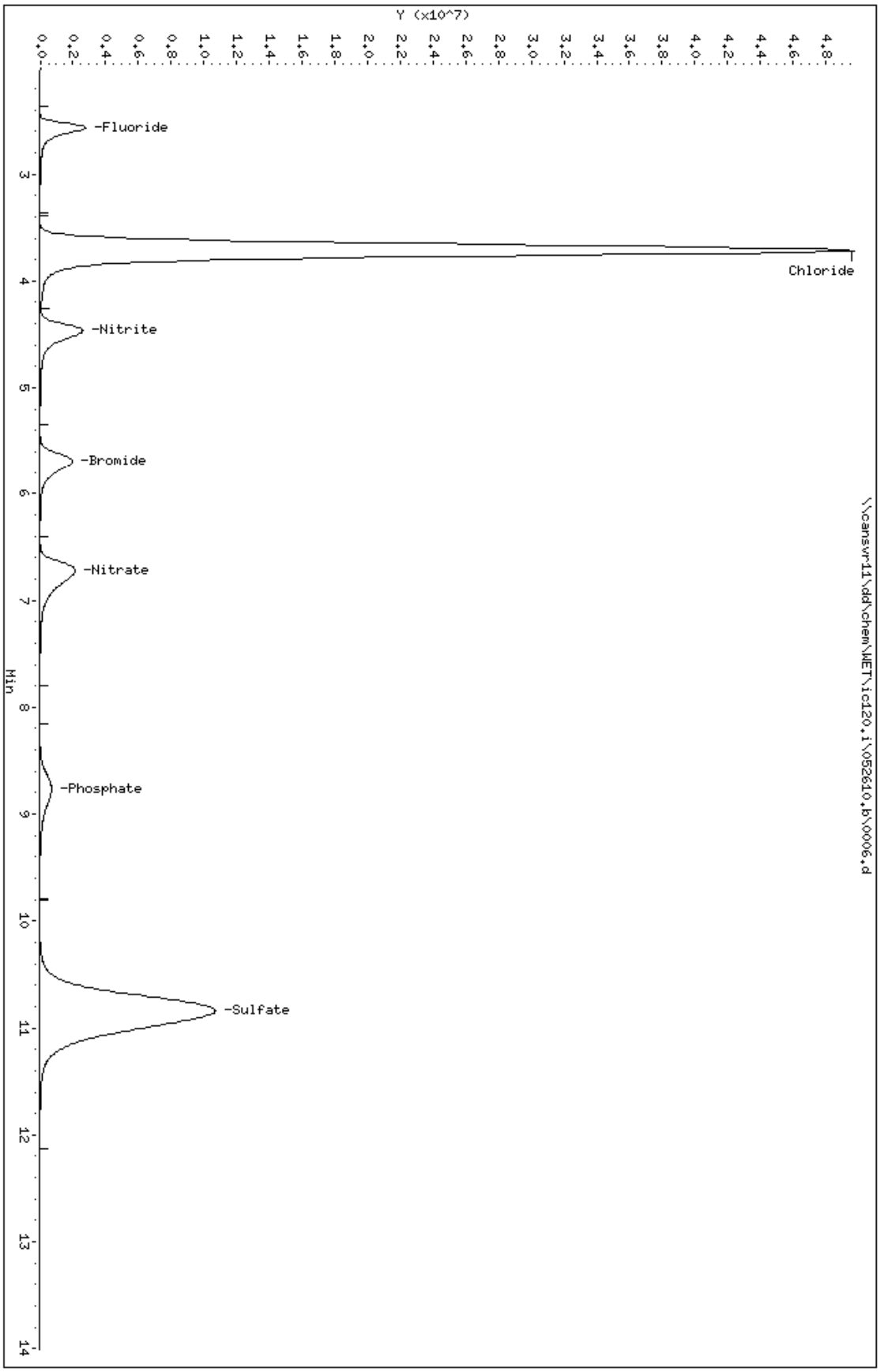
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.566	2.566	0.000	22853743	2.50000	2.588
2 Chloride	3.716	3.716	0.000	398845483	50.0000	58.50
3 Nitrite	4.466	4.466	0.000	31758639	2.50000	2.665
4 Bromide	5.691	5.691	0.000	27047424	10.0000	10.49
5 Nitrate	6.725	6.725	0.000	36993193	2.50000	2.650
6 Phosphate	8.766	8.766	0.000	17448936	2.50000	2.467
7 Sulfate	10.841	10.841	0.000	249389053	50.0000	53.28

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0006.d
Date : 26-MAY-2010 14:19
Client ID:
Sample Info: IC0211
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0007.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0007.d
Lab Smp Id: IC0210
Inj Date : 26-MAY-2010 14:35
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0210
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 14:35 Cal File: 0007.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

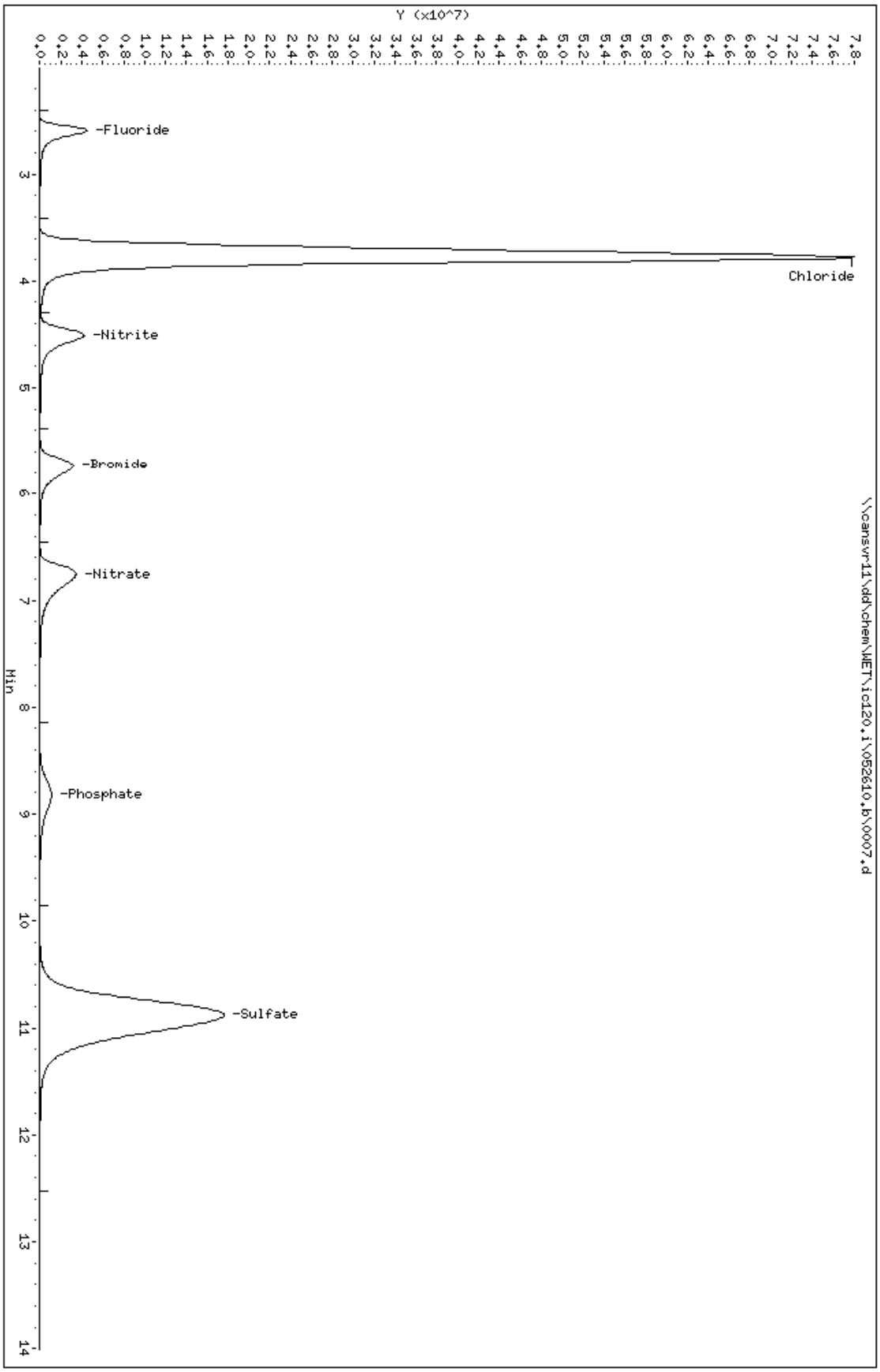
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	36712849	4.00000	4.130
2 Chloride	3.775	3.775	0.000	666915052	80.0000	94.31
3 Nitrite	4.508	4.508	0.000	51463613	4.00000	4.262
4 Bromide	5.733	5.733	0.000	44005402	16.0000	16.88
5 Nitrate	6.758	6.758	0.000	60719899	4.00000	4.288
6 Phosphate	8.816	8.816	0.000	27632129	4.00000	3.981
7 Sulfate	10.875	10.875	0.000	409671111	80.0000	86.17

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0007.d
Date : 26-MAY-2010 14:35
Client ID:
Sample Info: IC0210
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Lab Smp Id: IC0209
Inj Date : 26-MAY-2010 14:52
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0209
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 14:52 Cal File: 0008.d
Als bottle: 1 Calibration Sample, Level: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

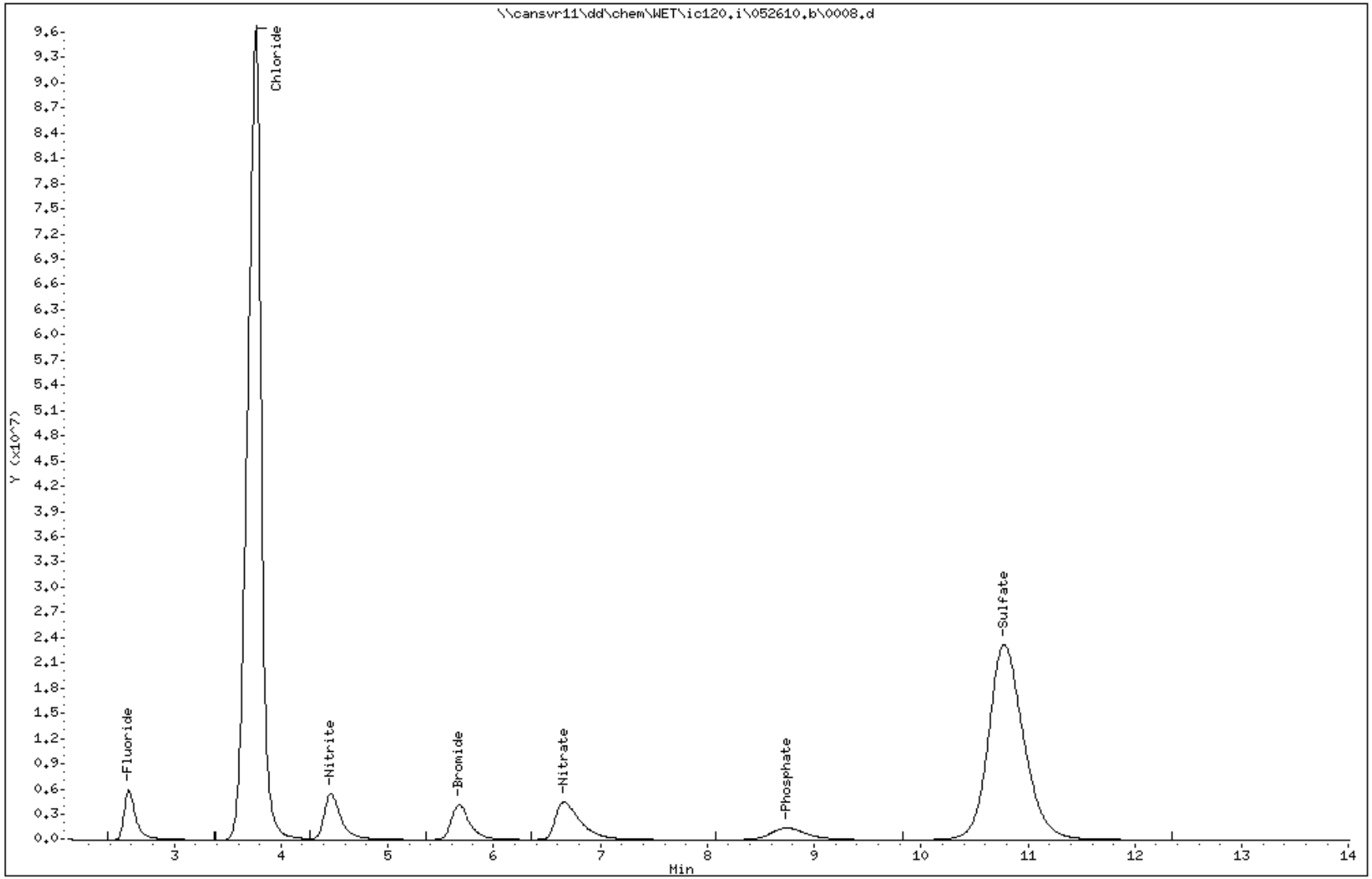
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.575	2.575	0.000	46813052	5.00000	5.226
2 Chloride	3.766	3.766	0.000	858716058	100.000	117.8
3 Nitrite	4.466	4.466	0.000	64794424	5.00000	5.310
4 Bromide	5.666	5.666	0.000	55453007	20.0000	21.08
5 Nitrate	6.658	6.658	0.000	77929818	5.00000	5.425
6 Phosphate	8.741	8.741	0.000	35283864	5.00000	5.042
7 Sulfate	10.775	10.775	0.000	533672856	100.000	110.3

Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0008.d
Date : 26-MAY-2010 14:52
Client ID:
Sample Info: IC0209
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0009.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0009.d
Lab Smp Id: IC0208
Inj Date : 26-MAY-2010 15:08
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0208
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 15:08 Cal File: 0009.d
Als bottle: 1 Calibration Sample, Level: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

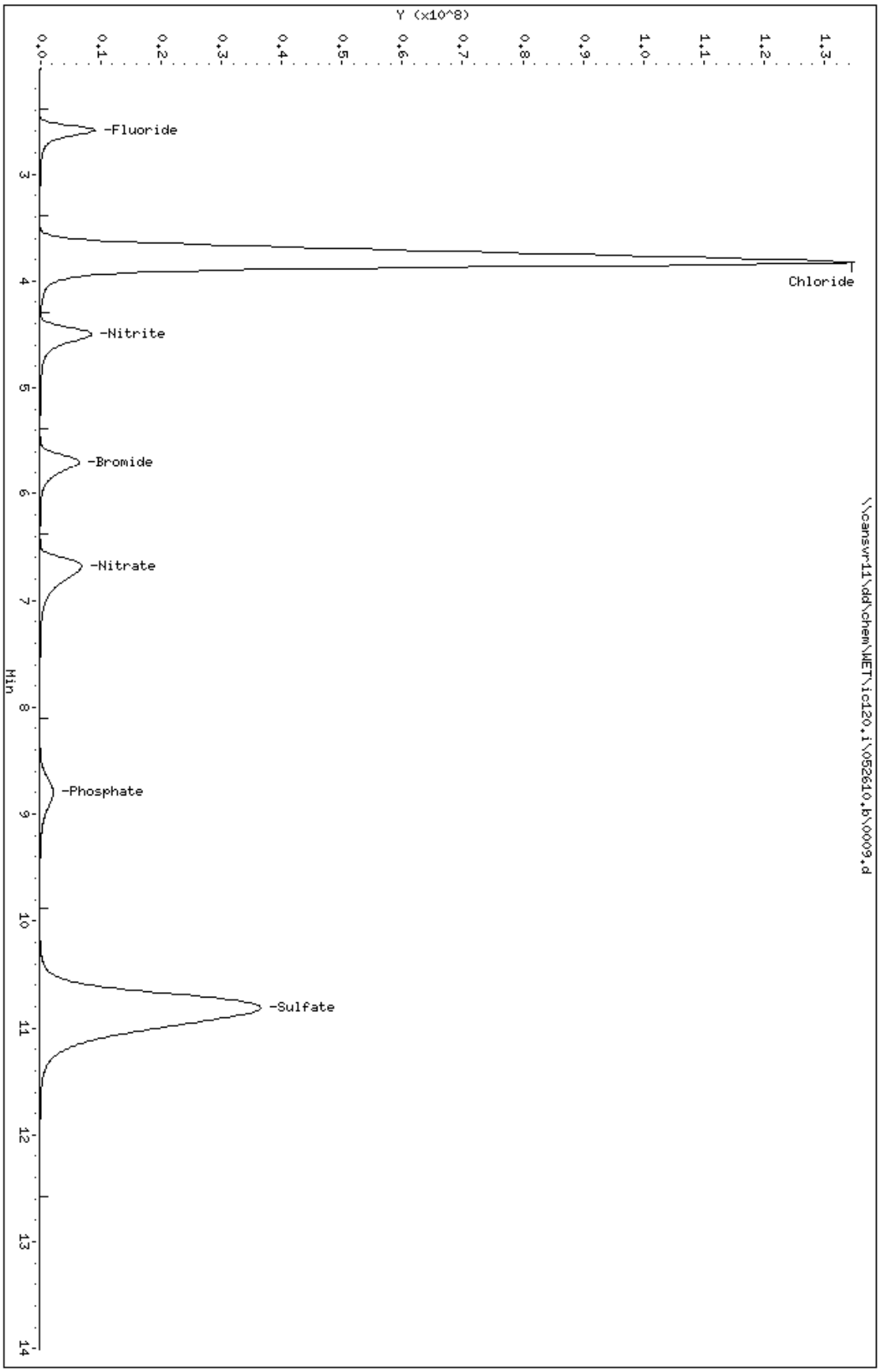
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	72734492	7.50000	8.037
2 Chloride	3.825	3.825	0.000	1348451539	150.000	179.8
3 Nitrite	4.500	4.500	0.000	101472526	7.50000	8.204
4 Bromide	5.700	5.700	0.000	87098820	30.0000	32.69
5 Nitrate	6.683	6.683	0.000	122161267	7.50000	8.364
6 Phosphate	8.791	8.791	0.000	53455160	7.50000	7.562
7 Sulfate	10.808	10.808	0.000	856885568	150.000	173.2

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0009.d
Date : 26-MAY-2010 15:08
Client ID:
Sample Info: IC0208
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052610.b\0010.d
Report Date: 26-May-2010 16:39

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052610.b\0010.d
Lab Smp Id: IC0207
Inj Date : 26-MAY-2010 15:24
Operator : 001754 Inst ID: ic120.i
Smp Info : IC0207
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052610.b\DX120.m
Meth Date : 26-May-2010 16:39 colono Quant Type: ESTD
Cal Date : 26-MAY-2010 15:24 Cal File: 0010.d
Als bottle: 1 Calibration Sample, Level: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: ASH-GL9K581

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

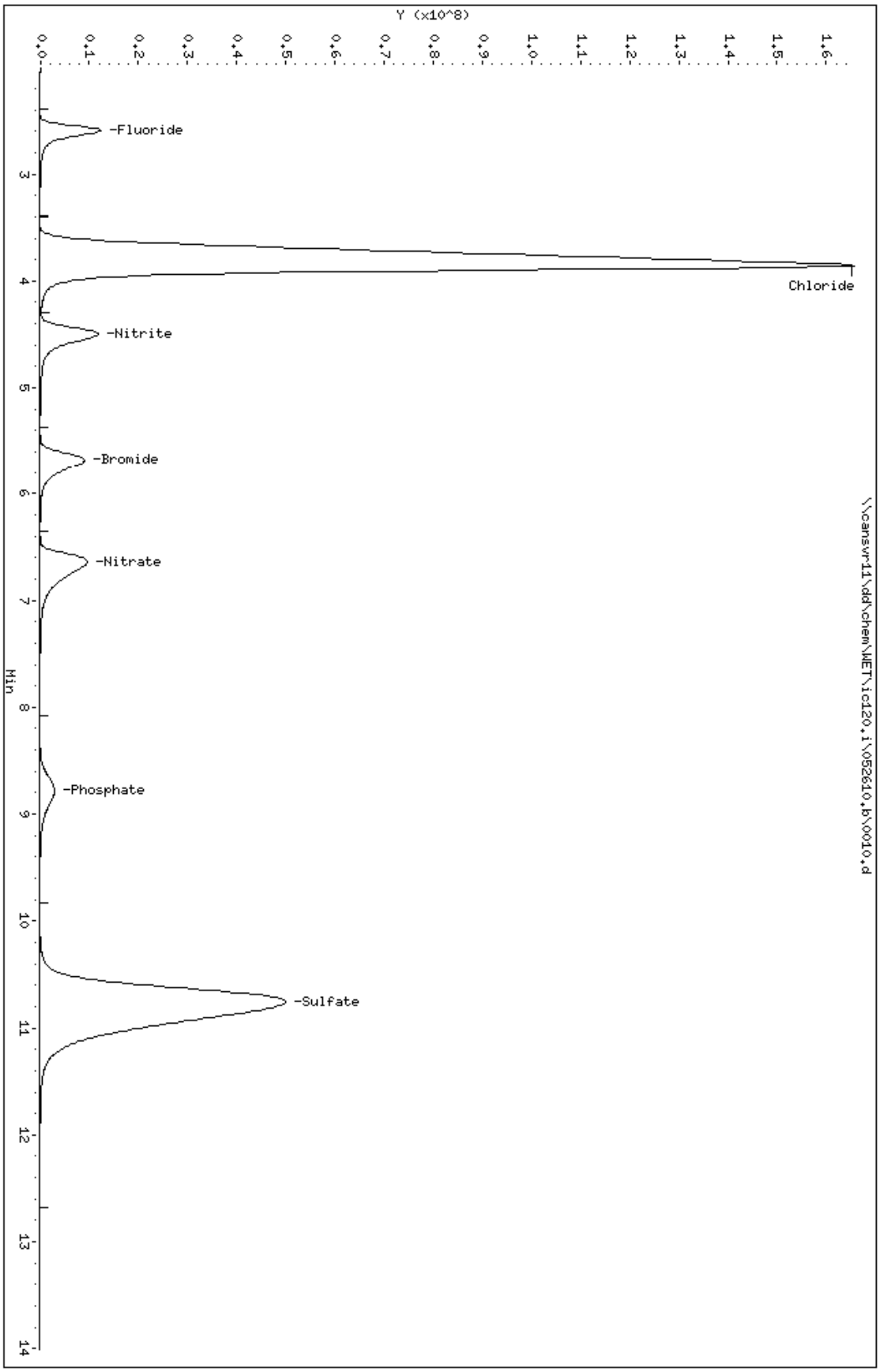
Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.591	2.591	0.000	99207057	10.0000	10.85(A)
2 Chloride	3.858	3.858	0.000	1836823320	200.000	238.9(A)
3 Nitrite	4.500	4.500	0.000	137051539	10.0000	10.95(A)
4 Bromide	5.675	5.675	0.000	117975469	40.0000	43.76(A)
5 Nitrate	6.641	6.641	0.000	165308307	10.0000	11.15(A)
6 Phosphate	8.783	8.783	0.000	69994377	10.0000	9.957
7 Sulfate	10.758	10.758	0.000	1181236549	200.000	233.8(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052610,b\0010.d
Date : 26-MAY-2010 15:24
Client ID:
Sample Info: IC0207
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0001.d
Report Date: 27-May-2010 11:22

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0001.d
Lab Smp Id: RINSE
Inj Date : 27-MAY-2010 09:37
Operator : 001754 Inst ID: ic120.i
Smp Info : RINSE
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 26-May-2010 16:41 Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

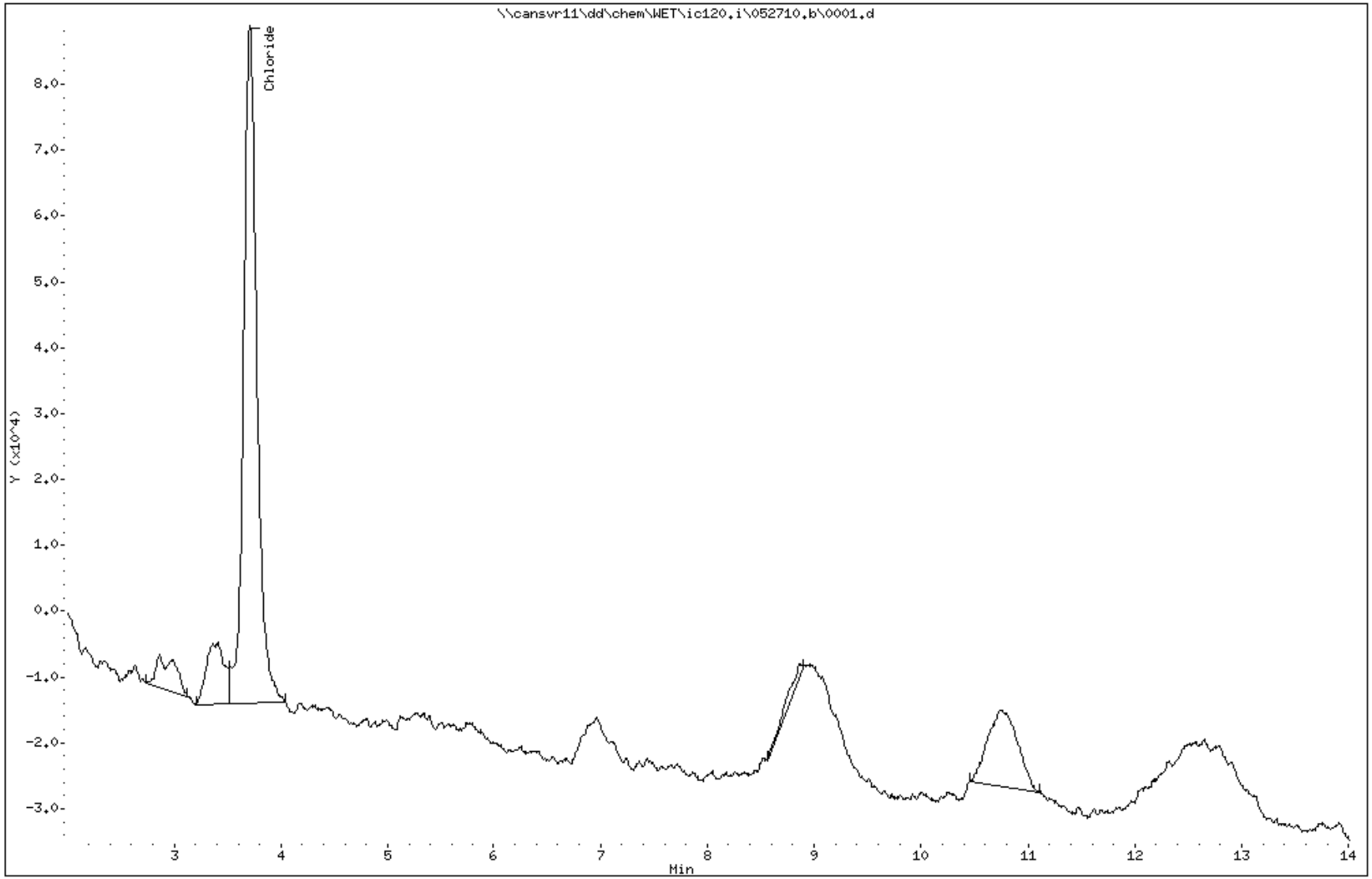
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	3.708	3.725	-0.017	891686	0.11599	0.1160(a)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	Compound Not Detected.					

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0001.d
Date : 27-MAY-2010 09:37
Client ID:
Sample Info: RINSE
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0002.d
Report Date: 27-May-2010 11:22

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 27-MAY-2010 09:54
Lab File ID: 0002.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	8964462	8964462	0.010	1.98771	10.00000	Averaged
2 Chloride	7687643	8077499	8077499	0.010	-5.07121	10.00000	Averaged
3 Nitrite	12516496	12821570	12821570	0.010	-2.43738	10.00000	Averaged
4 Bromide	2695983	2728496	2728496	0.010	-1.20600	10.00000	Averaged
5 Nitrate	14819560	15123588	15123588	0.010	-2.05153	10.00000	Averaged
6 Phosphate	2.50000	2.42835	6931563	0.010	2.86598	10.00000	Linear
7 Sulfate	5053378	4903070	4903070	0.010	2.97440	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0002.d
Report Date: 27-May-2010 11:22

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0002.d
Lab Smp Id: CCV
Inj Date : 27-MAY-2010 09:54
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 27-May-2010 11:22 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

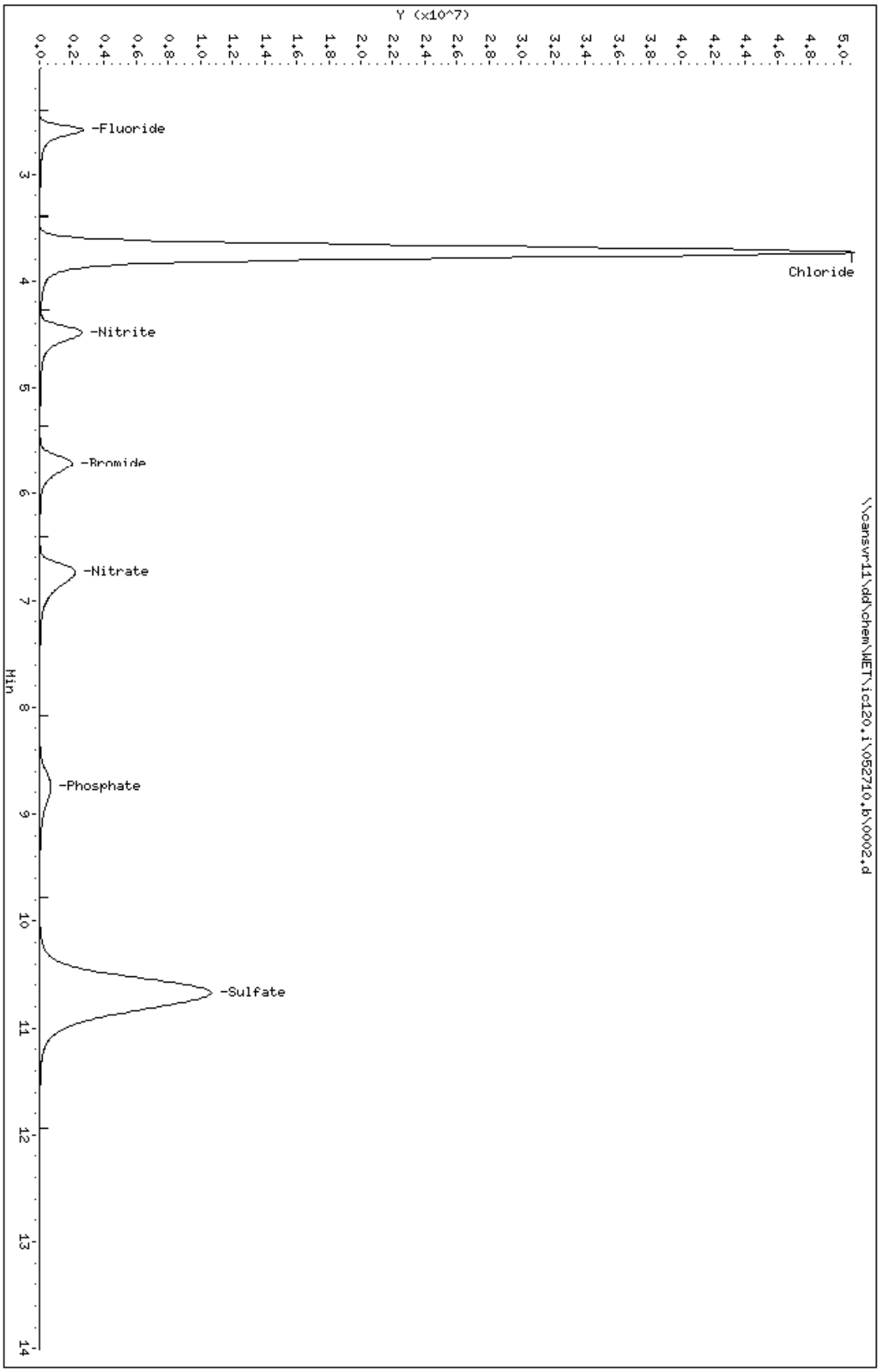
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.583	2.583	0.000	22411154	2.50000	2.450
2 Chloride	3.733	3.733	0.000	403874939	50.0000	52.54
3 Nitrite	4.483	4.483	0.000	32053924	2.50000	2.561
4 Bromide	5.708	5.708	0.000	27284962	10.0000	10.12
5 Nitrate	6.741	6.741	0.000	37808971	2.50000	2.551
6 Phosphate	8.741	8.741	0.000	17328908	2.50000	2.428
7 Sulfate	10.675	10.675	0.000	245153519	50.0000	48.51

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0002.d
Date : 27-MAY-2010 09:54
Client ID:
Sample Info: CCV,,2
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0003.d
Report Date: 02-Jun-2010 16:17

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0003.d
Lab Smp Id: CCB
Inj Date : 27-MAY-2010 10:10
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 01-Jun-2010 14:35 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

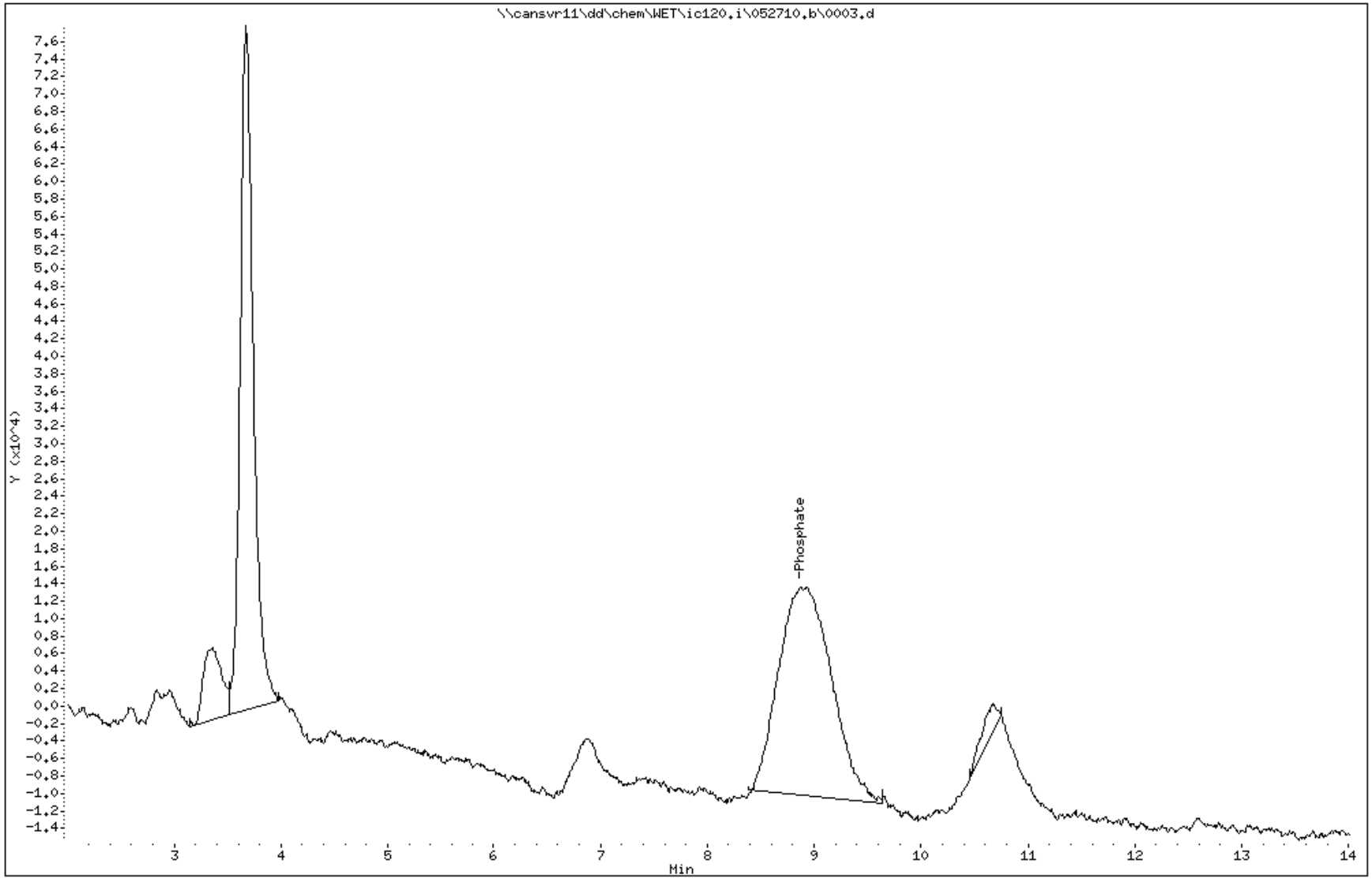
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.875	8.633	0.242	820109	0.06449	0.06449(M)
7 Sulfate	Compound Not Detected.					

QC Flag Legend

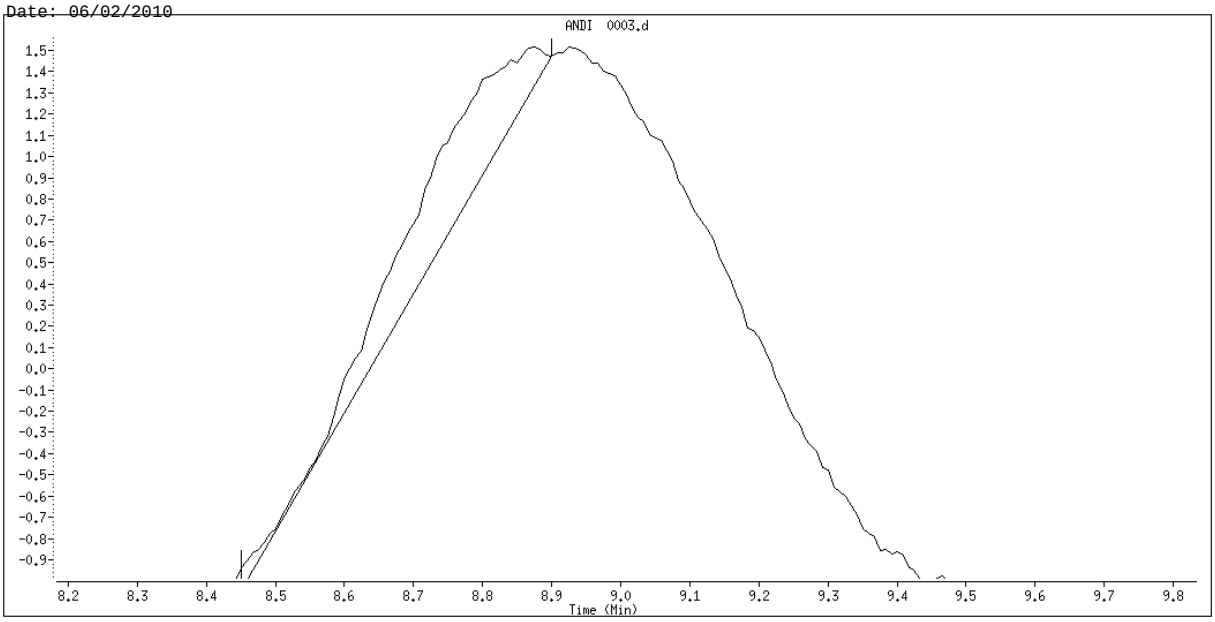
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0003.d
Date : 27-MAY-2010 10:10
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14

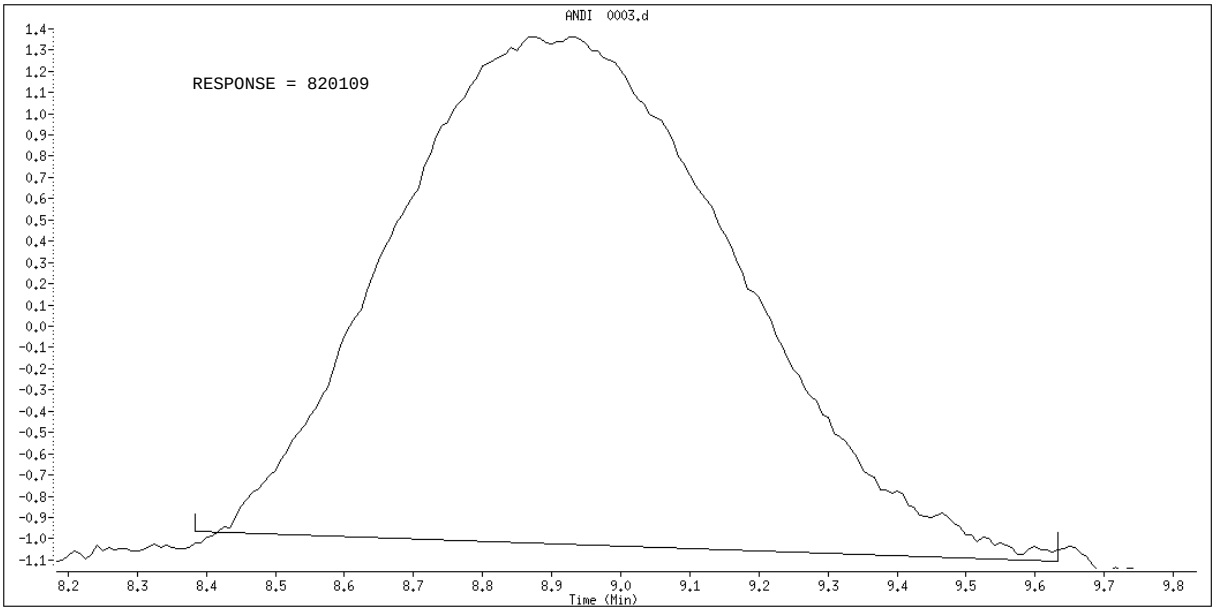
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0003.d
Inj. Date and Time: 27-MAY-2010 10:10
Instrument ID: ic120.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: colono
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0004.d
Report Date: 27-May-2010 11:22

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0004.d
Lab Smp Id: LX74A
Inj Date : 27-MAY-2010 10:27
Operator : 001754 Inst ID: ic120.i
Smp Info : LX74A,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 27-May-2010 11:22 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 2.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

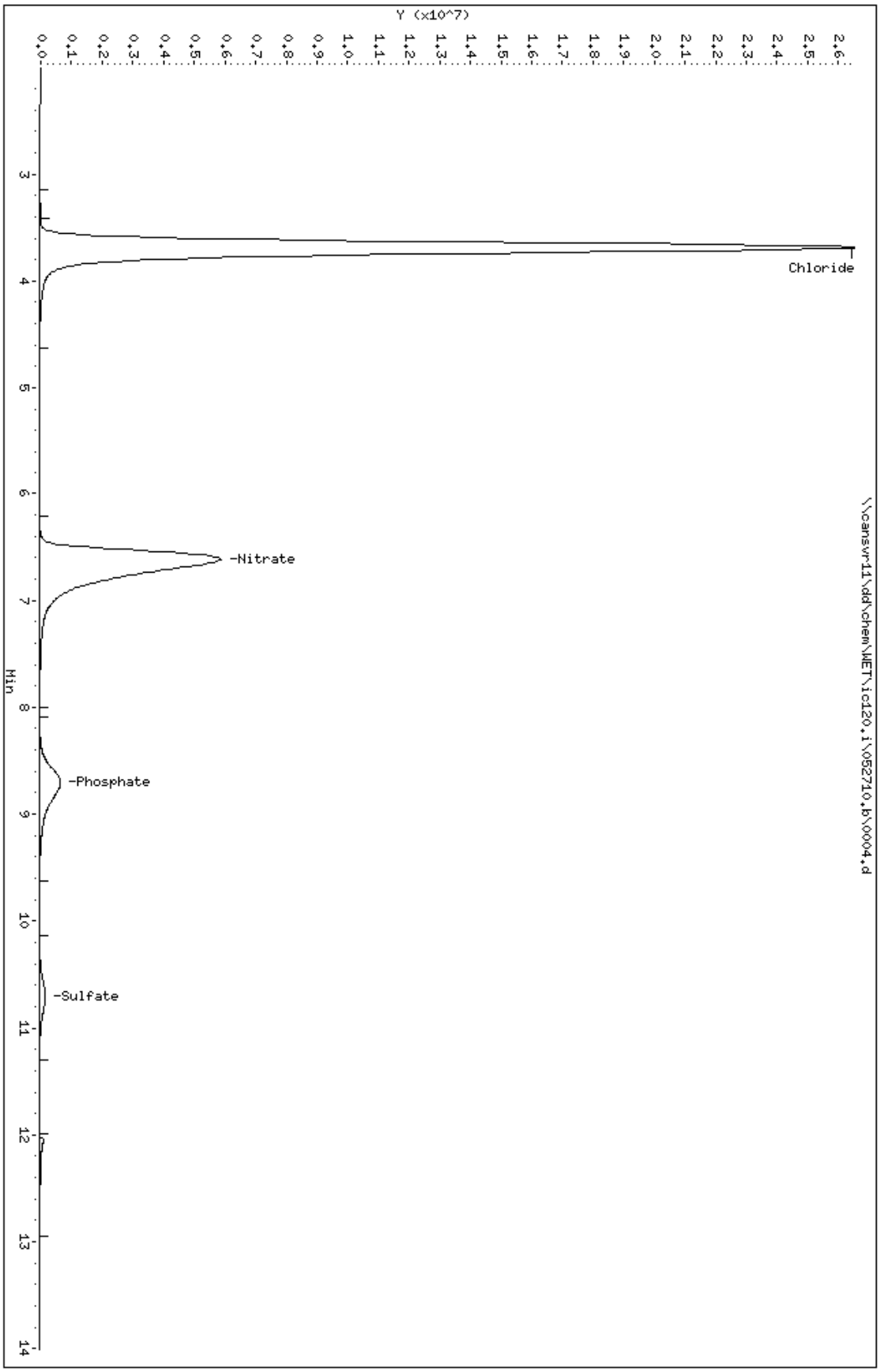
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	2.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	3.691	3.733	-0.042	206128629	26.8130	53.62
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.616	6.741	-0.125	97408743	6.57298	13.14
6 Phosphate	8.708	8.741	-0.033	16436892	2.30062	4.601
7 Sulfate	10.708	10.675	0.033	4209704	0.83305	1.666(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0004.d
Date : 27-MAY-2010 10:27
Client ID:
Sample Info: LX74A,2
Purge Volume: 1.0
Column phase: AS14
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120.i\052710.b\0004.d
Y (x10^7)
Chloride
-Nitrate
-Phosphate
-Sulfate
Min

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0005.d
Report Date: 27-May-2010 11:22

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 27-MAY-2010 10:43
Lab File ID: 0005.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	9086506	9086506	0.010	0.65335	10.00000	Averaged
2 Chloride	7687643	8104581	8104581	0.010	-5.42348	10.00000	Averaged
3 Nitrite	12516496	12808598	12808598	0.010	-2.33374	10.00000	Averaged
4 Bromide	2695983	2662140	2662140	0.010	1.25531	10.00000	Averaged
5 Nitrate	14819560	14659247	14659247	0.010	1.08177	10.00000	Averaged
6 Phosphate	2.50000	2.48664	7094404	0.010	0.53430	10.00000	Linear
7 Sulfate	5053378	4933233	4933233	0.010	2.37753	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0005.d
Report Date: 27-May-2010 11:22

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0005.d
Lab Smp Id: CCV
Inj Date : 27-MAY-2010 10:43
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 27-May-2010 11:22 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

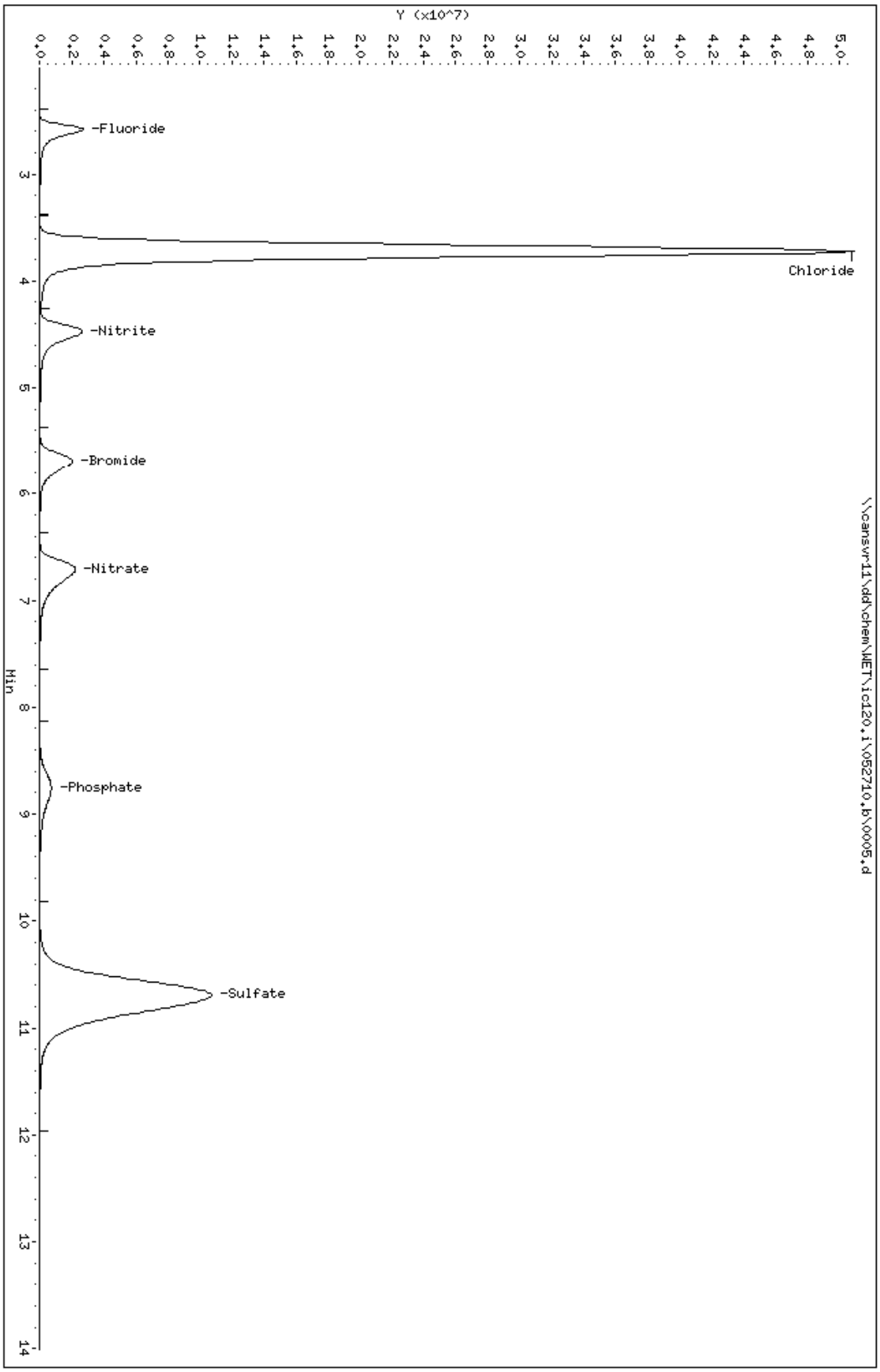
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.583	2.583	0.000	22716264	2.50000	2.484
2 Chloride	3.725	3.725	0.000	405229034	50.0000	52.71
3 Nitrite	4.475	4.475	0.000	32021494	2.50000	2.558
4 Bromide	5.691	5.691	0.000	26621397	10.0000	9.874
5 Nitrate	6.708	6.708	0.000	36648118	2.50000	2.473
6 Phosphate	8.758	8.758	0.000	17736009	2.50000	2.487
7 Sulfate	10.691	10.691	0.000	246661627	50.0000	48.81

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0005.d
Date : 27-MAY-2010 10:43
Client ID:
Sample Info: CCV,,2
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0006.d
Report Date: 27-May-2010 11:22

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0006.d
Lab Smp Id: CCB
Inj Date : 27-MAY-2010 10:59
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 27-May-2010 11:22 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

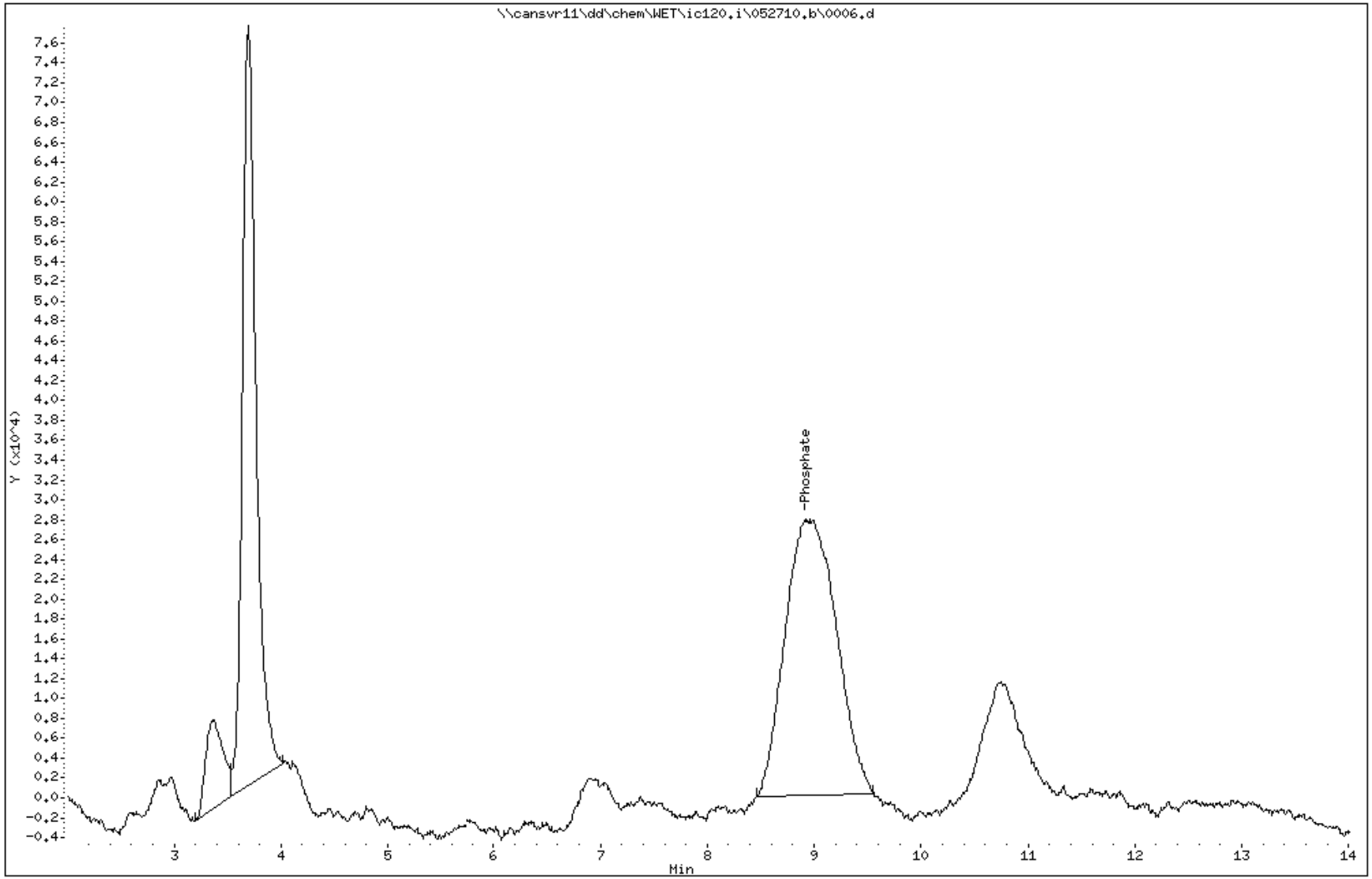
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.916	8.758	0.158	925349	0.07956	0.07956
7 Sulfate	Compound Not Detected.					

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0006.d
Date : 27-MAY-2010 10:59
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0007.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0007.d
Lab Smp Id: LCS
Inj Date : 27-MAY-2010 13:02
Operator : 001754 Inst ID: ic120.i
Smp Info : LCS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 27-May-2010 11:22 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

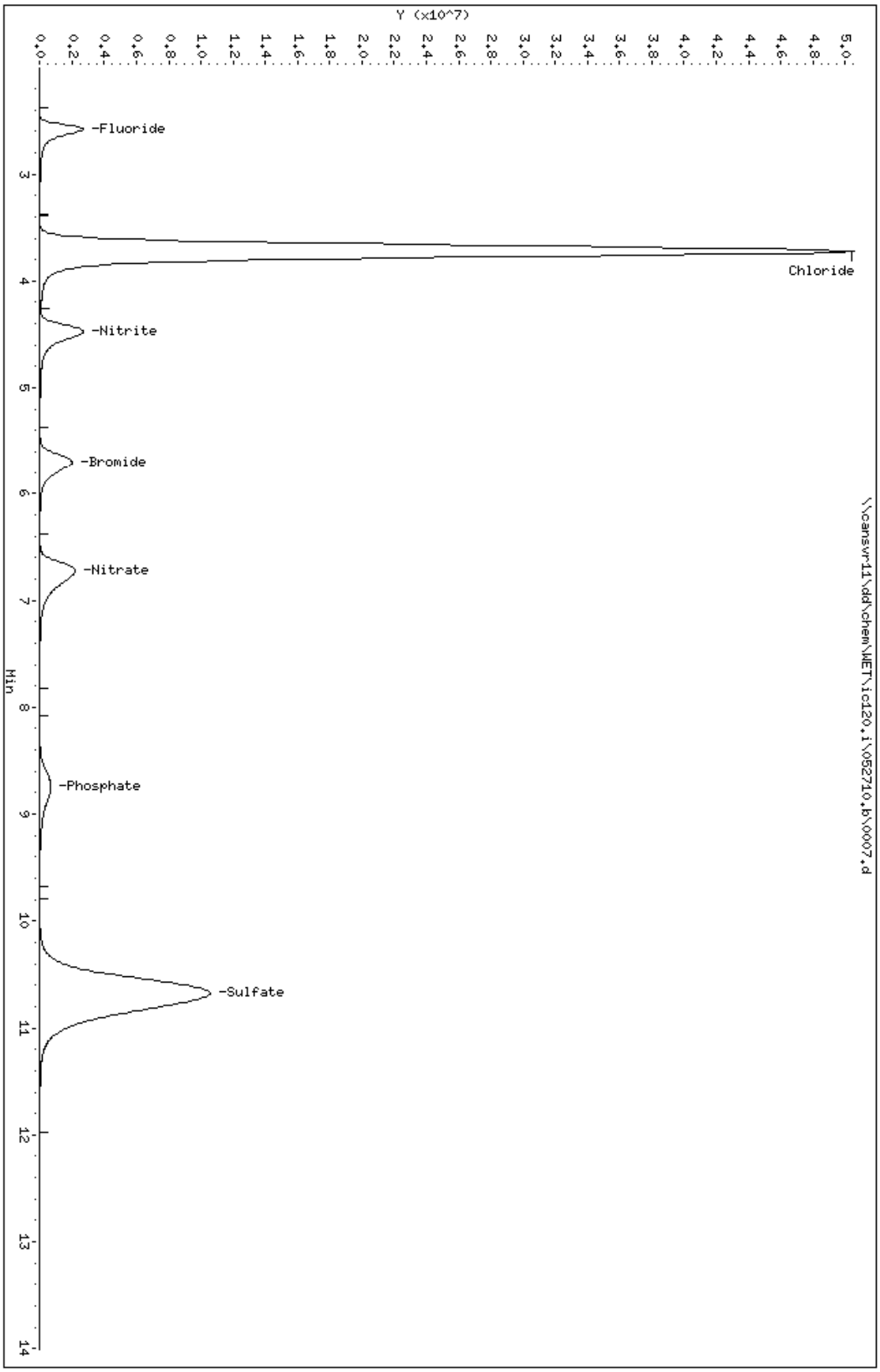
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.583	2.583	0.000	22256167	2.43336	2.433
2 Chloride	3.725	3.725	0.000	399535512	51.9711	51.97
3 Nitrite	4.475	4.475	0.000	31695376	2.53229	2.532
4 Bromide	5.700	5.691	0.009	25693228	9.53019	9.530
5 Nitrate	6.725	6.708	0.017	36136161	2.43841	2.438
6 Phosphate	8.741	8.758	-0.017	17262846	2.41889	2.419
7 Sulfate	10.675	10.691	-0.016	243228622	48.1319	48.13

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0007.d
Date : 27-MAY-2010 13:02
Client ID:
Sample Info: LCS,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0008.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0008.d
Lab Smp Id: LCS DUP
Inj Date : 27-MAY-2010 13:19
Operator : 001754 Inst ID: ic120.i
Smp Info : LCS DUP,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 27-May-2010 11:22 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

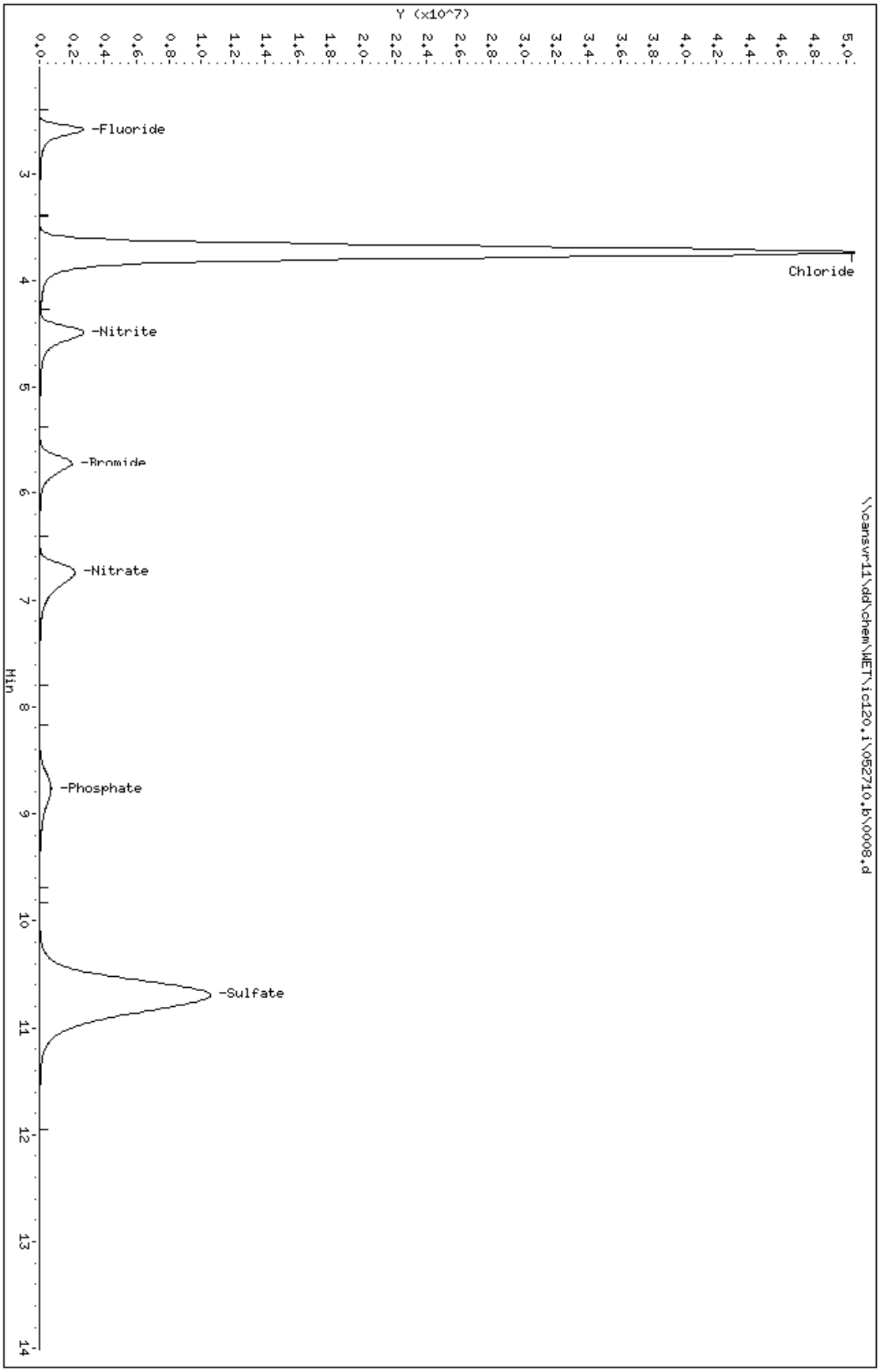
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.591	2.583	0.008	22382074	2.44713	2.447
2 Chloride	3.733	3.725	0.008	402275664	52.3276	52.33
3 Nitrite	4.491	4.475	0.016	32209324	2.57335	2.573
4 Bromide	5.716	5.691	0.025	26074099	9.67146	9.671
5 Nitrate	6.741	6.708	0.033	36207833	2.44325	2.443
6 Phosphate	8.766	8.758	0.008	17744936	2.48792	2.488
7 Sulfate	10.691	10.691	0.000	243103578	48.1071	48.11

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0008.d
Date : 27-MAY-2010 13:19
Client ID:
Sample Info: LCS DUP,,3
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0009.d
Report Date: 28-May-2010 11:19

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0009.d
Lab Smp Id: L15C7
Inj Date : 27-MAY-2010 13:35
Operator : 001754 Inst ID: ic120.i
Smp Info : L15C7
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

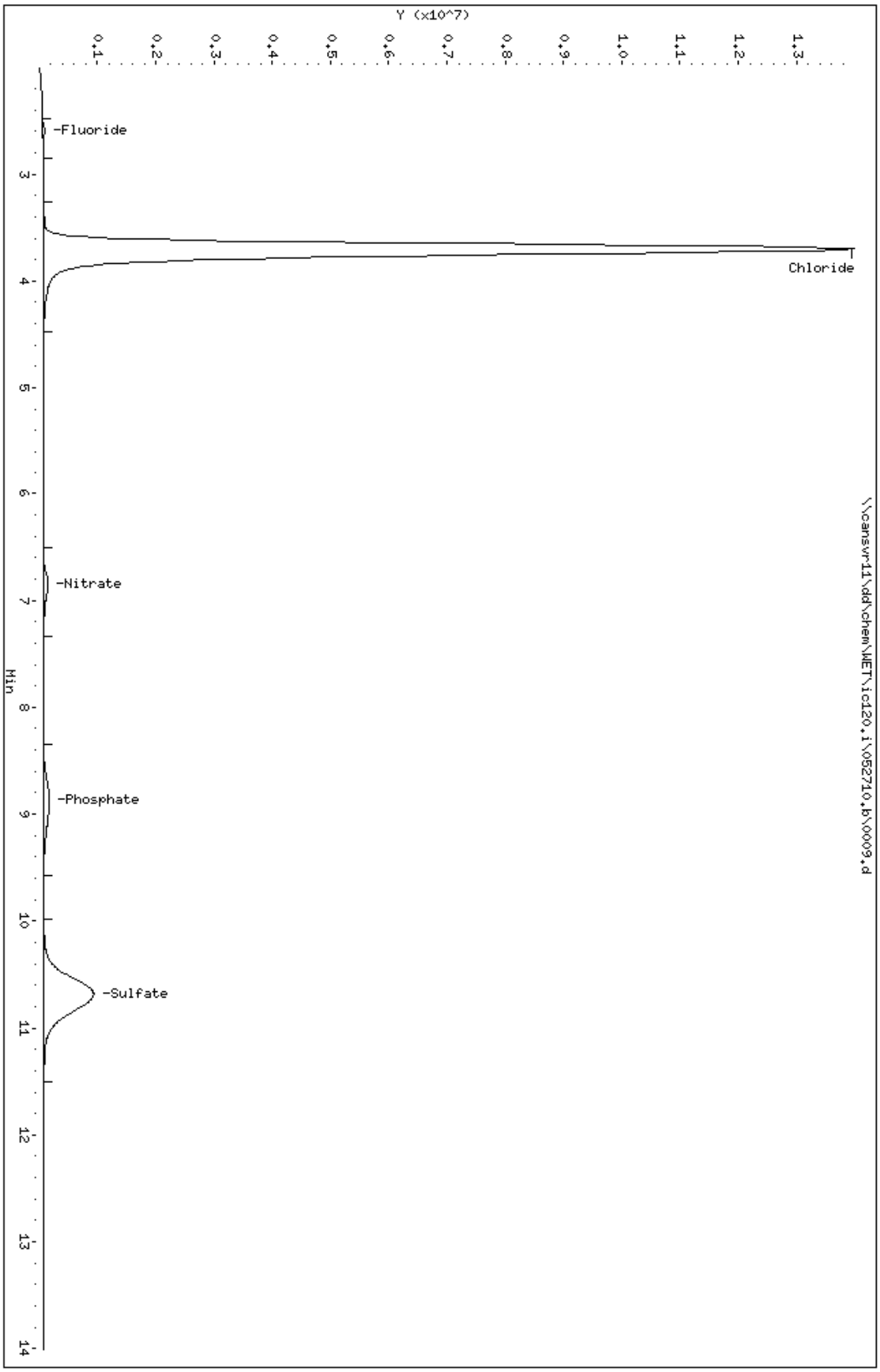
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	263823	0.02884	0.02884(aM)
2 Chloride	3.700	3.650	0.050	107628039	14.0001	14.00
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.850	6.433	0.417	1268244	0.08558	0.08558(a)
6 Phosphate	8.875	8.633	0.242	2884644	0.36011	0.3601
7 Sulfate	10.683	10.575	0.108	20247400	4.00671	4.007

QC Flag Legend

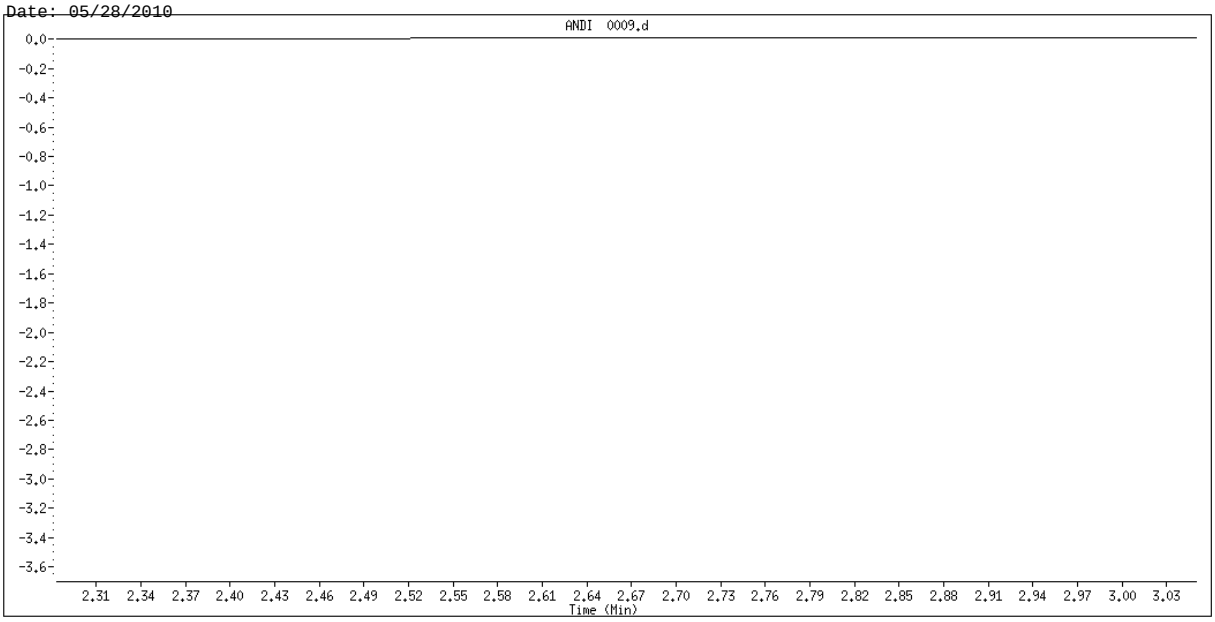
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0009.d
Date : 27-MAY-2010 13:35
Client ID:
Sample Info: L15C7
Purge Volume: 1.0
Column Phase: AS14

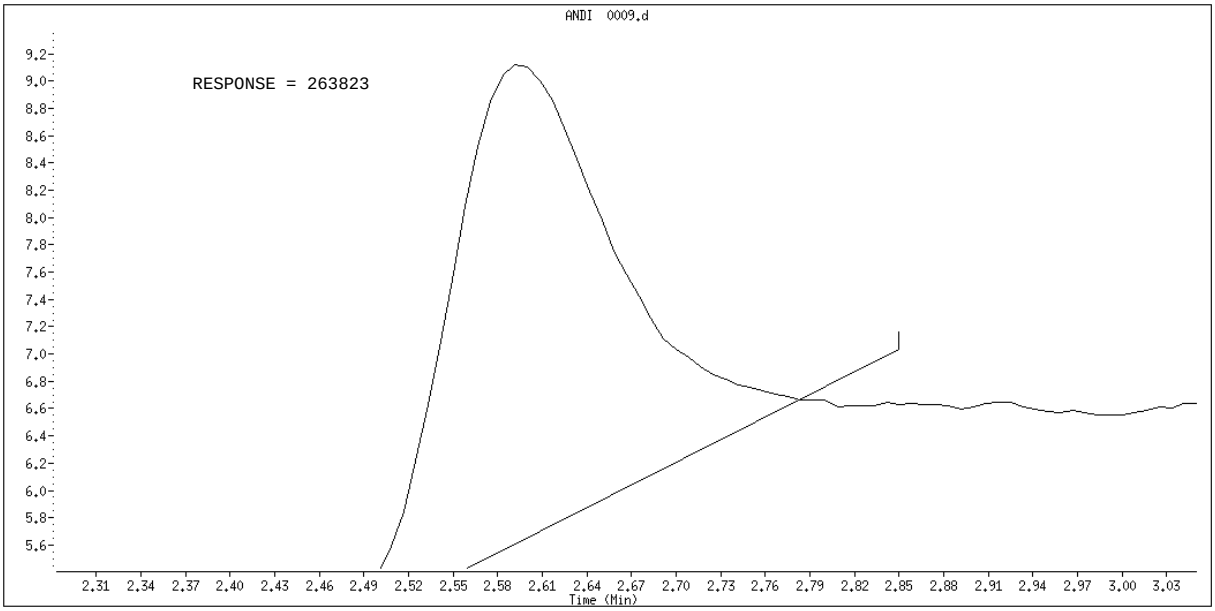
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0009.d
Inj. Date and Time: 27-MAY-2010 13:35
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0010.d
Report Date: 28-May-2010 11:19

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0010.d
Lab Smp Id: L15DG
Inj Date : 27-MAY-2010 13:52
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

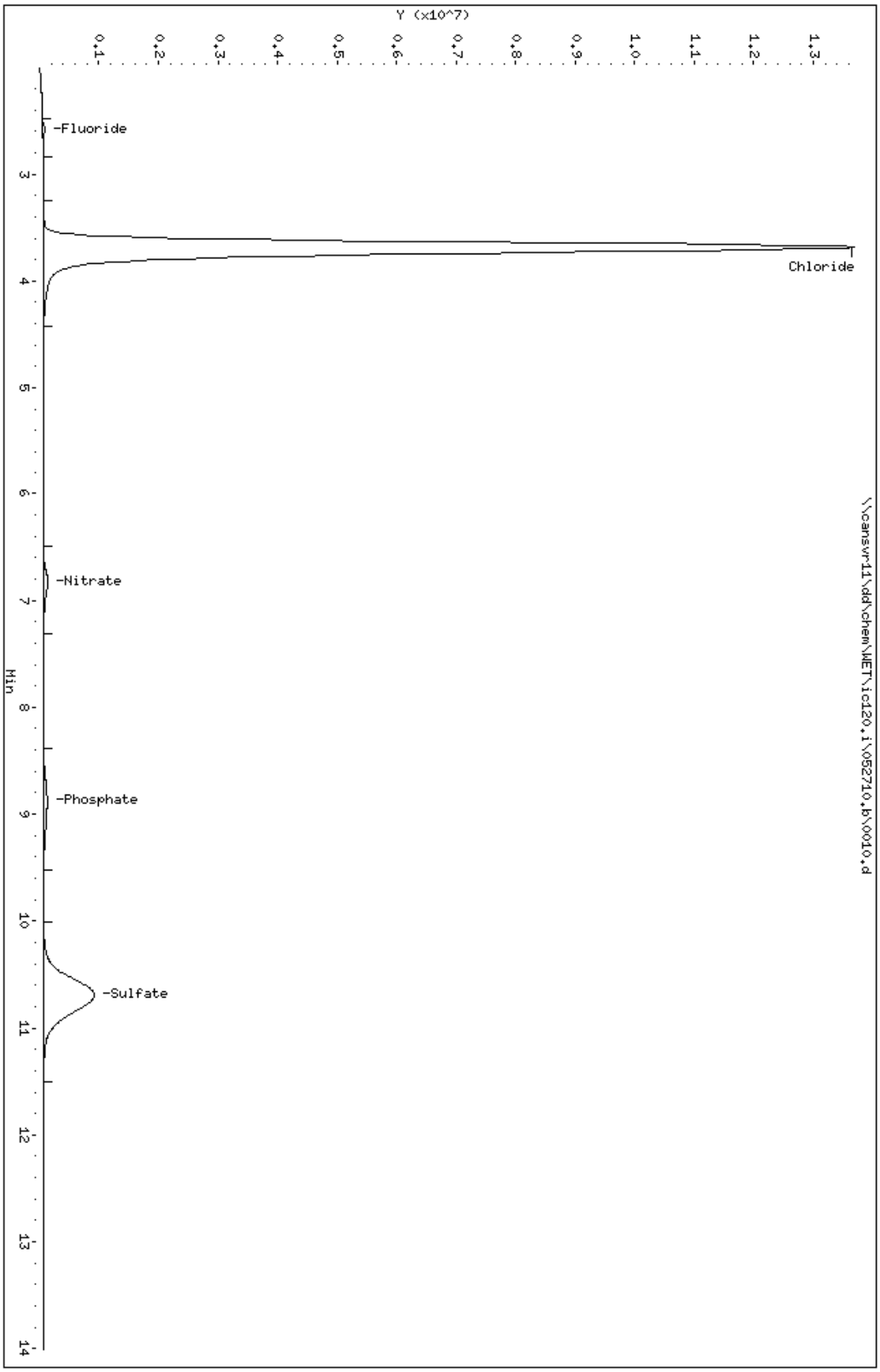
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.583	2.550	0.033	275674	0.03014	0.03014(aM)
2 Chloride	3.683	3.650	0.033	105247046	13.6904	13.69
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.825	6.433	0.392	1076803	0.07266	0.07266(a)
6 Phosphate	8.875	8.633	0.242	1753005	0.19807	0.1981
7 Sulfate	10.691	10.575	0.116	20194983	3.99633	3.996

QC Flag Legend

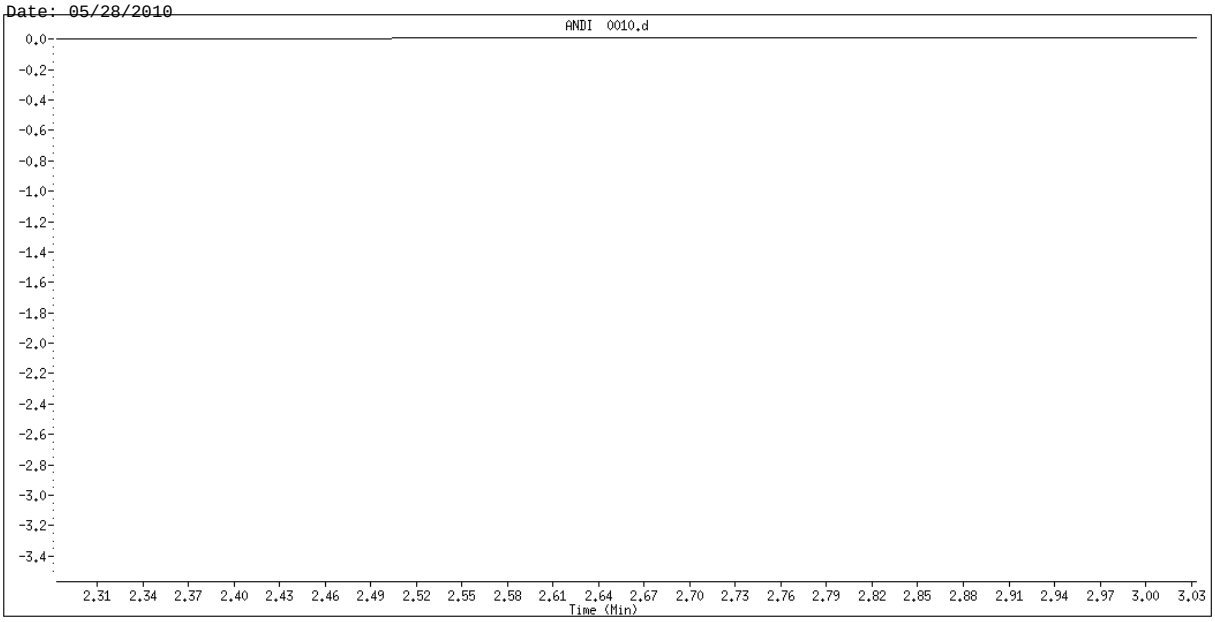
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0010.d
Date : 27-MAY-2010 13:52
Client ID:
Sample Info: L15DG
Purge Volume: 1.0
Column Phase: AS14

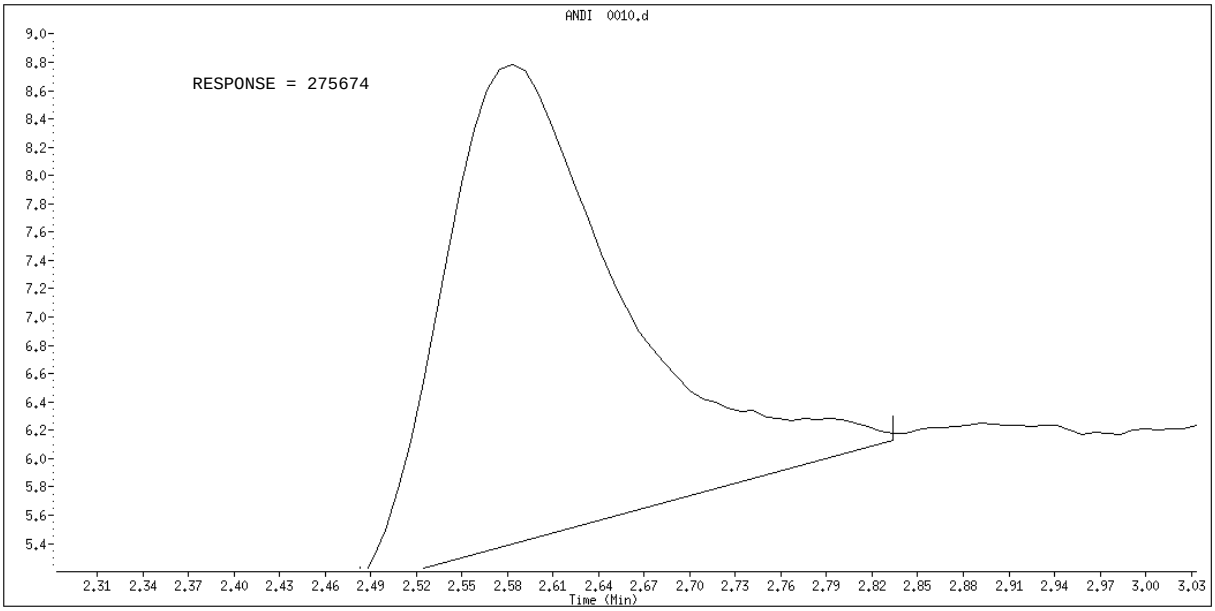
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0010.d
Inj. Date and Time: 27-MAY-2010 13:52
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0011.d
Report Date: 28-May-2010 11:20

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0011.d
Lab Smp Id: L15DH
Inj Date : 27-MAY-2010 14:08
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DH
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

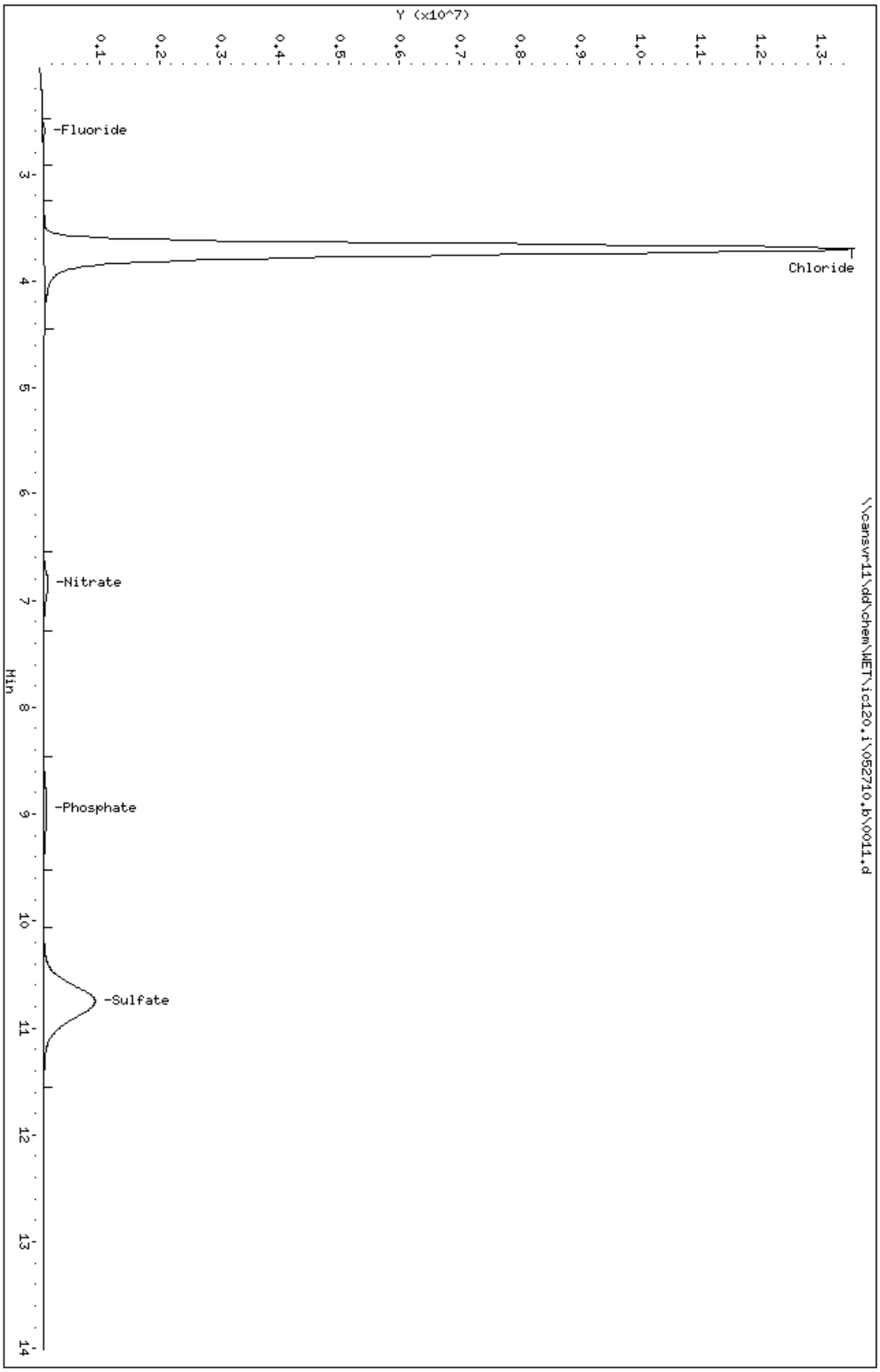
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	227973	0.02493	0.02492(aM)
2 Chloride	3.700	3.650	0.050	104875154	13.6420	13.64
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.841	6.433	0.408	1154678	0.07792	0.07792(a)
6 Phosphate	8.941	8.633	0.308	1380189	0.14469	0.1447
7 Sulfate	10.750	10.575	0.175	20181916	3.99375	3.994

QC Flag Legend

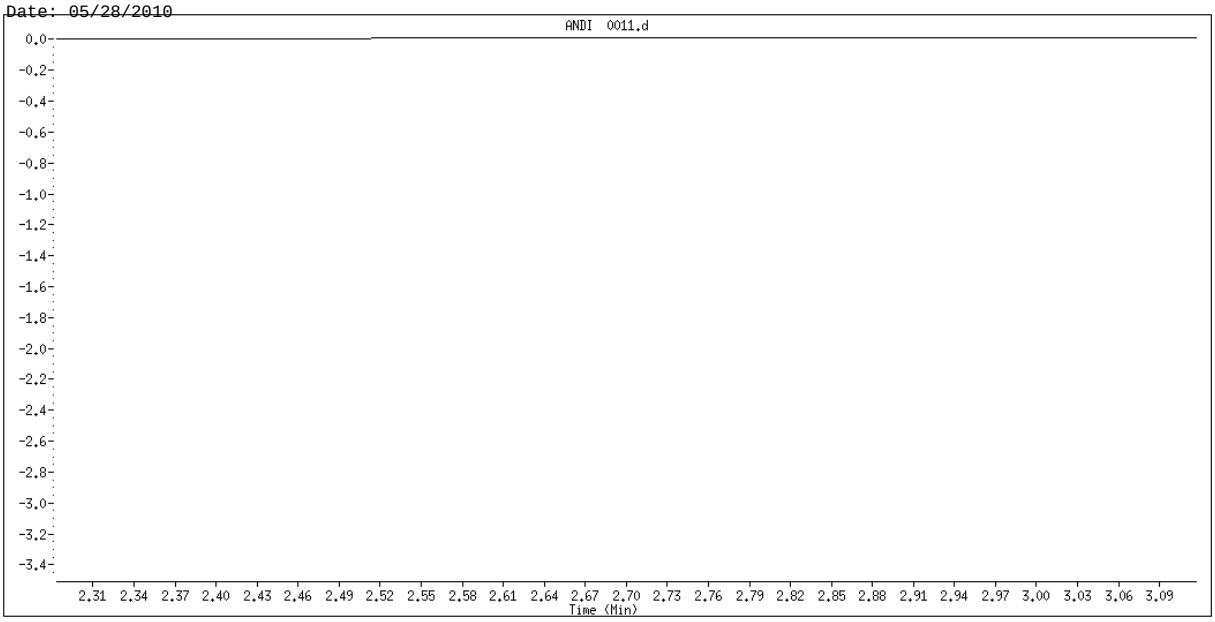
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0011.d
Date : 27-MAY-2010 14:08
Client ID:
Sample Info: L15DH
Purge Volume: 1.0
Column phase: AS14

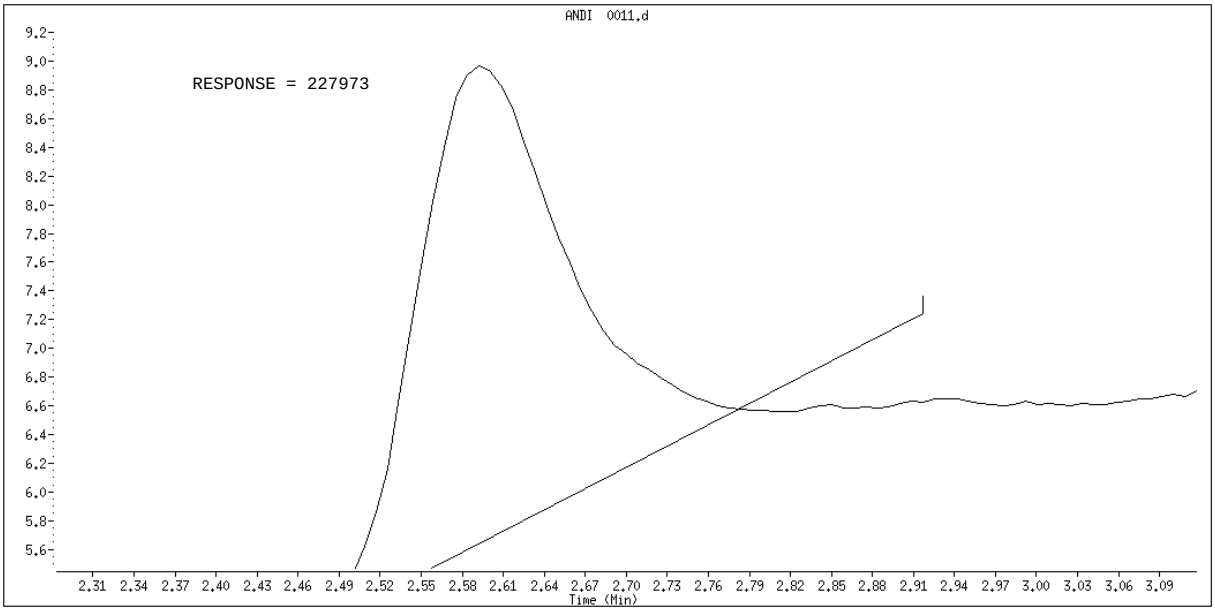
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0011.d
Inj. Date and Time: 27-MAY-2010 14:08
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0012.d
Report Date: 28-May-2010 11:20

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0012.d
Lab Smp Id: L15DJ
Inj Date : 27-MAY-2010 14:24
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DJ
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

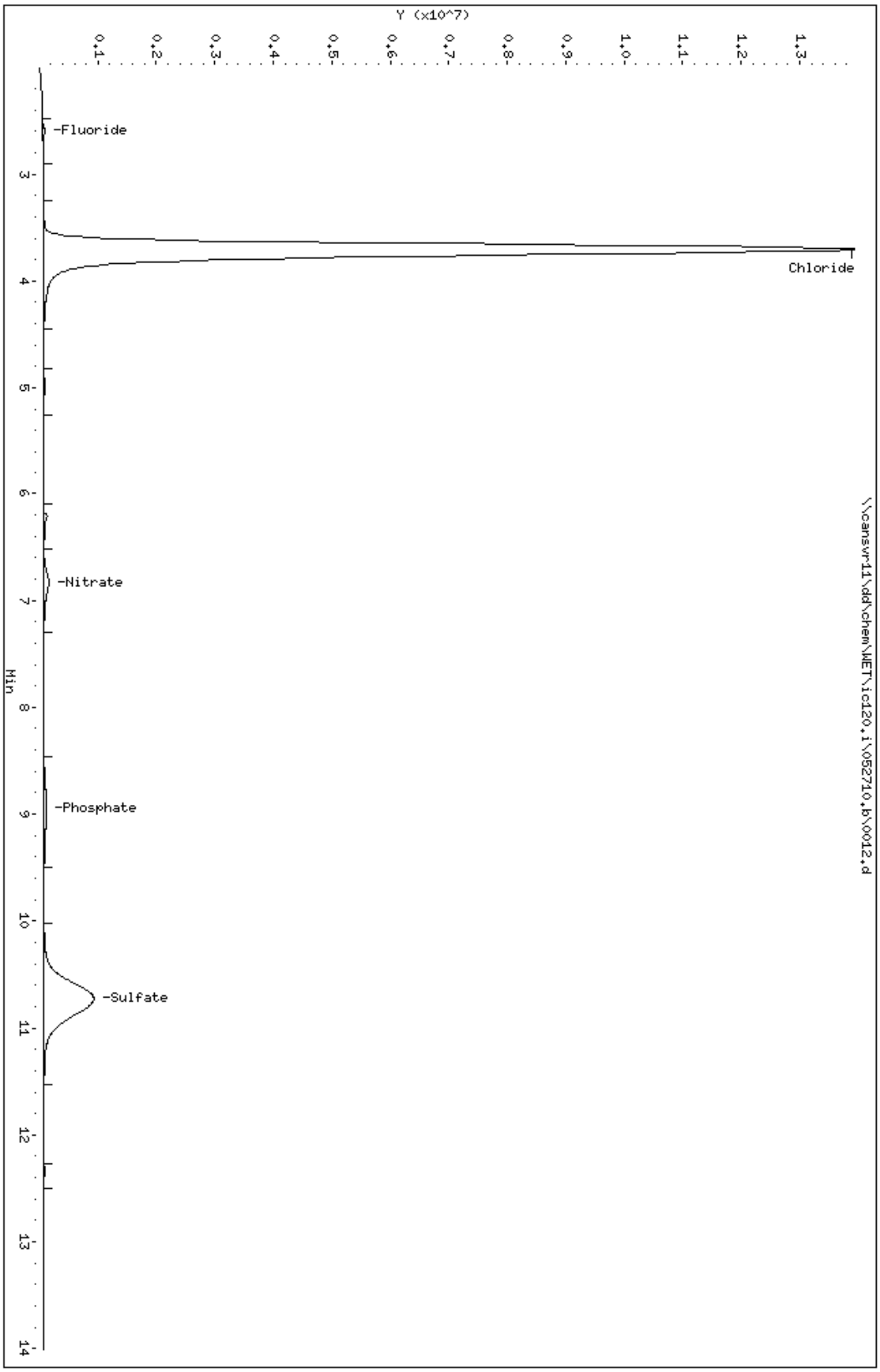
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.600	2.550	0.050	290370	0.03175	0.03175(aM)
2 Chloride	3.700	3.650	0.050	107756094	14.0168	14.02
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.833	6.433	0.400	1363663	0.09202	0.09202(a)
6 Phosphate	8.941	8.633	0.308	1141013	0.11044	0.1104
7 Sulfate	10.725	10.575	0.150	19949321	3.94772	3.948

QC Flag Legend

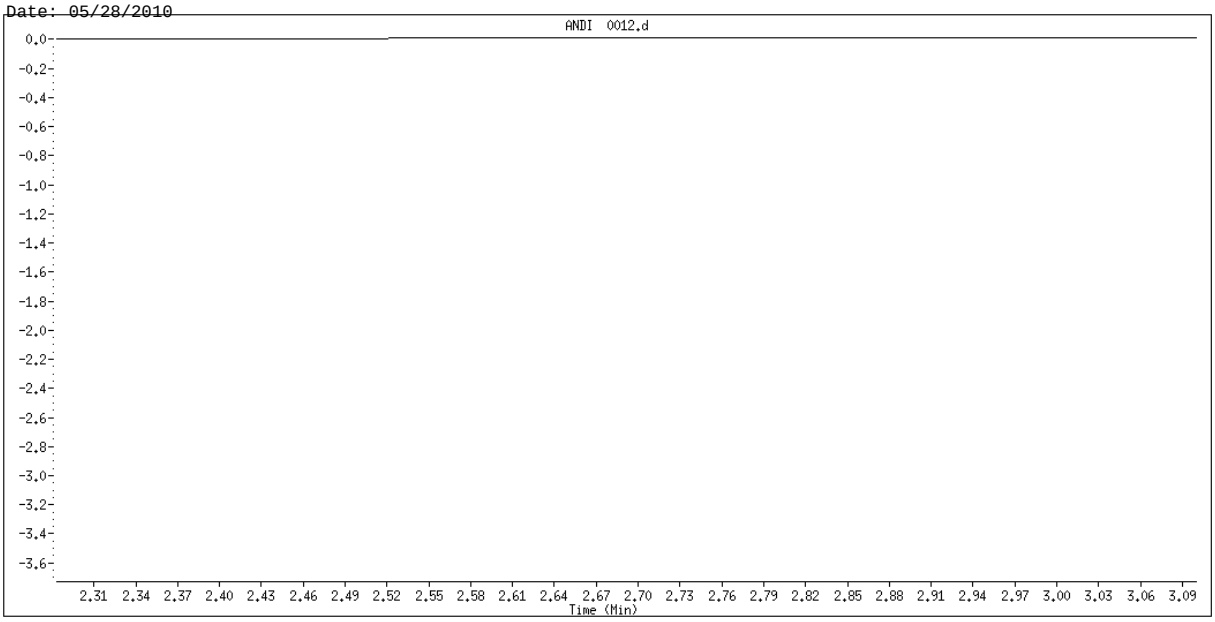
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0012.d
Date : 27-MAY-2010 14:24
Client ID:
Sample Info: L15DJ
Purge Volume: 1.0
Column phase: AS14

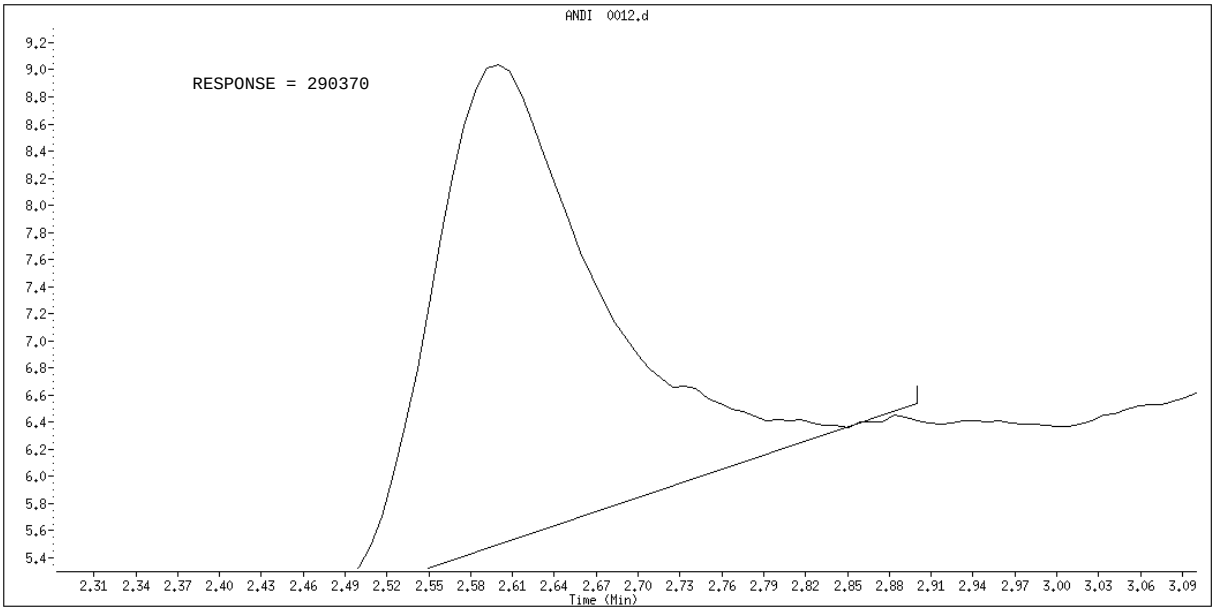
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0012.d
Inj. Date and Time: 27-MAY-2010 14:24
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Unknown

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0013.d
Report Date: 28-May-2010 11:20

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0013.d
Lab Smp Id: L15DK
Inj Date : 27-MAY-2010 14:41
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DK
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

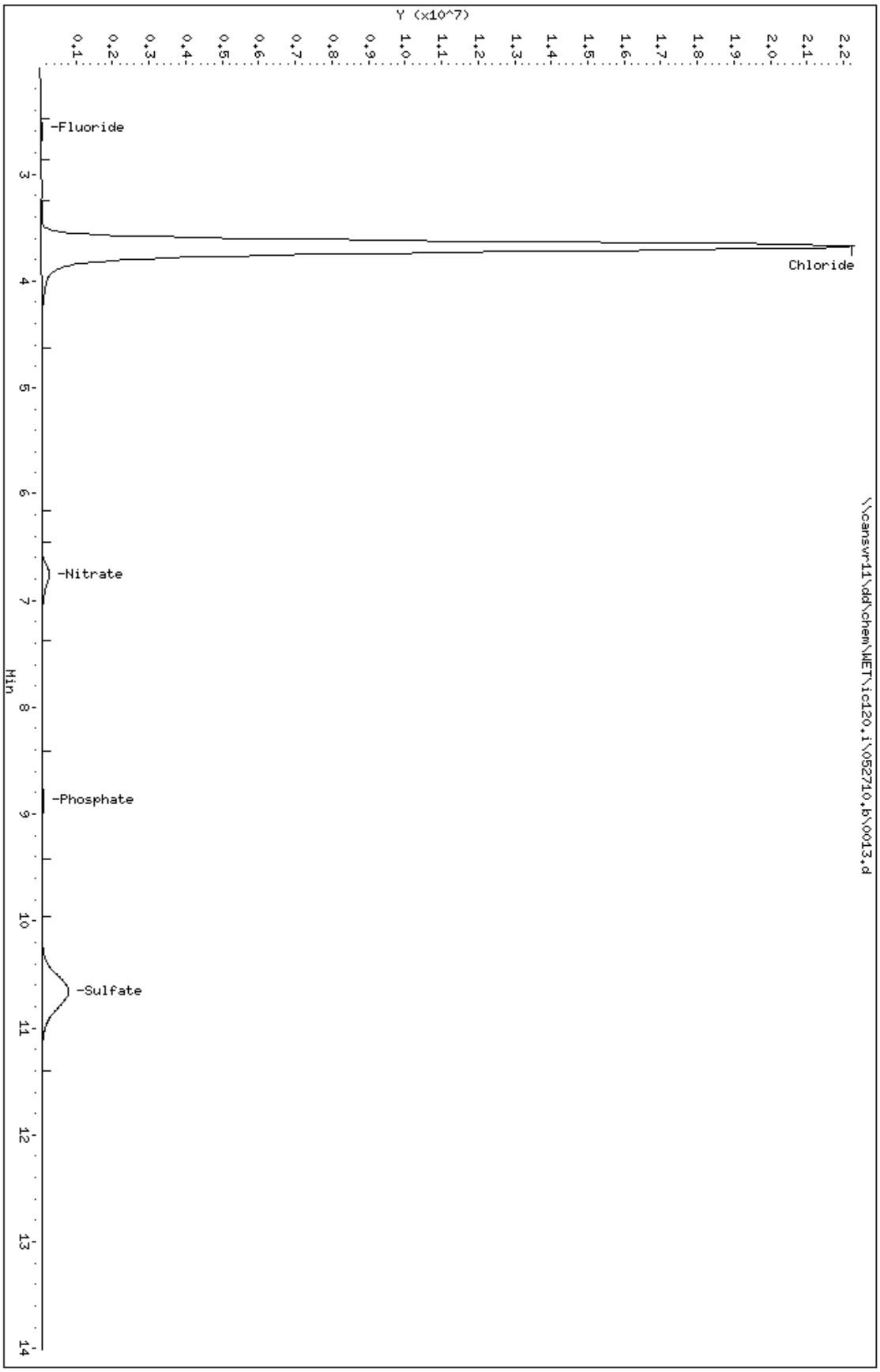
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.550	0.025	232814	0.02545	0.02545(aM)
2 Chloride	3.675	3.650	0.025	169445539	22.0413	22.04
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.758	6.433	0.325	3249861	0.21930	0.2193
6 Phosphate	8.866	8.633	0.233	1012306	0.09201	0.09201
7 Sulfate	10.658	10.575	0.083	17221670	3.40795	3.408

QC Flag Legend

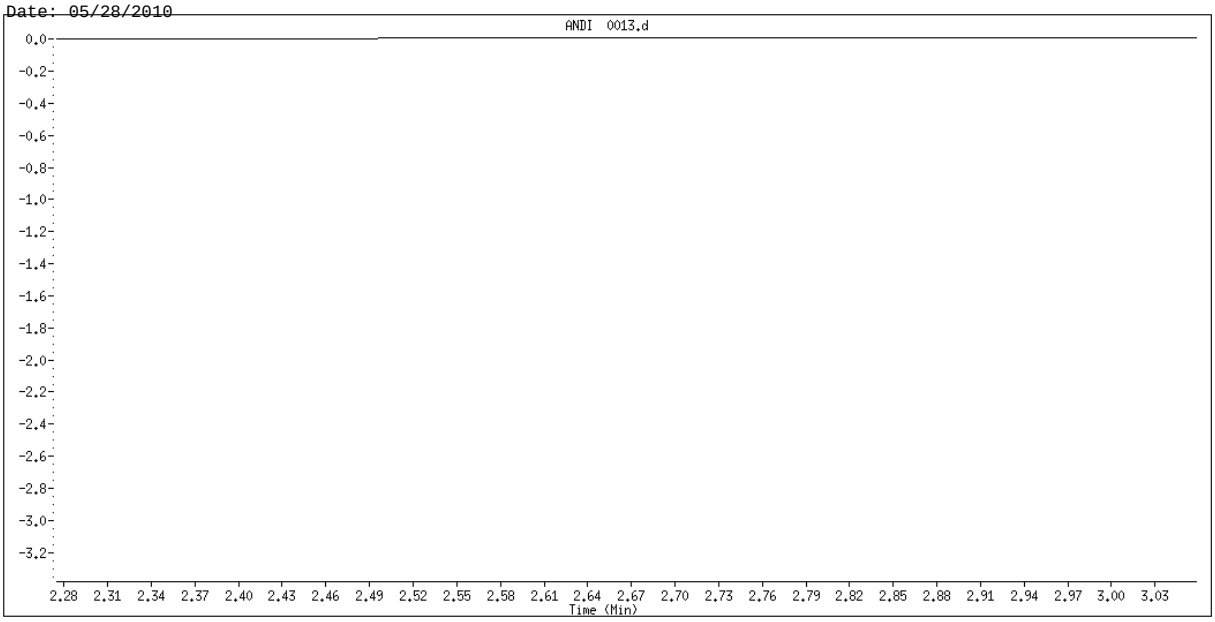
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0013.d
Date : 27-MAY-2010 14:41
Client ID:
Sample Info: L15DK
Purge Volume: 1.0
Column Phase: AS14

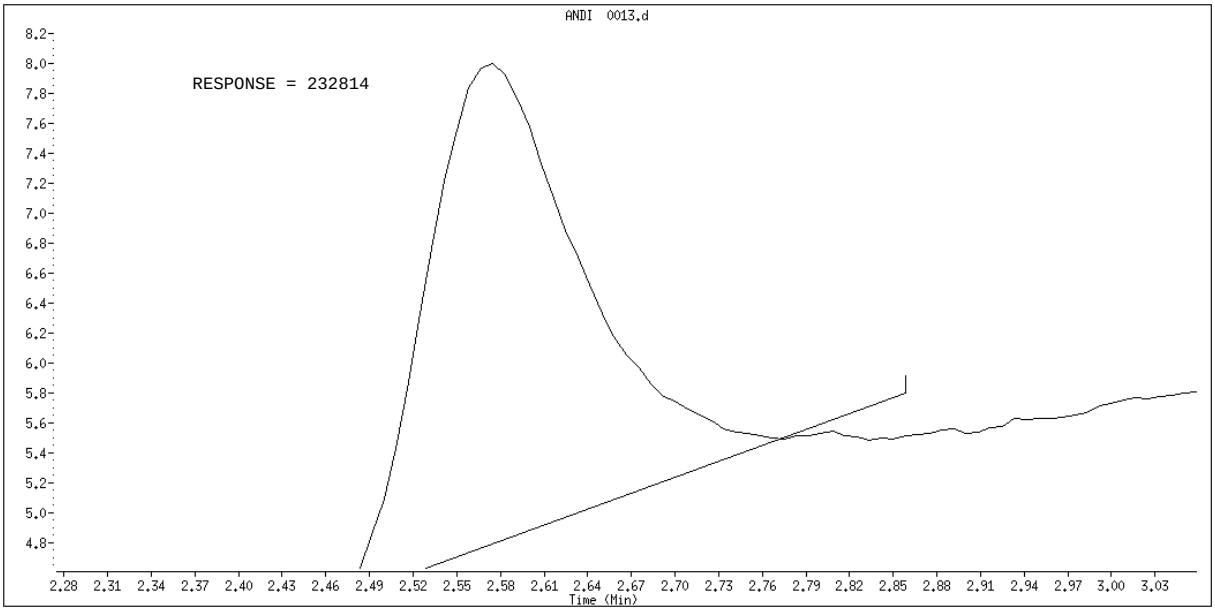
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0013.d
Inj. Date and Time: 27-MAY-2010 14:41
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0014.d
Report Date: 28-May-2010 11:20

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0014.d
Lab Smp Id: L15DL
Inj Date : 27-MAY-2010 14:57
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DL
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

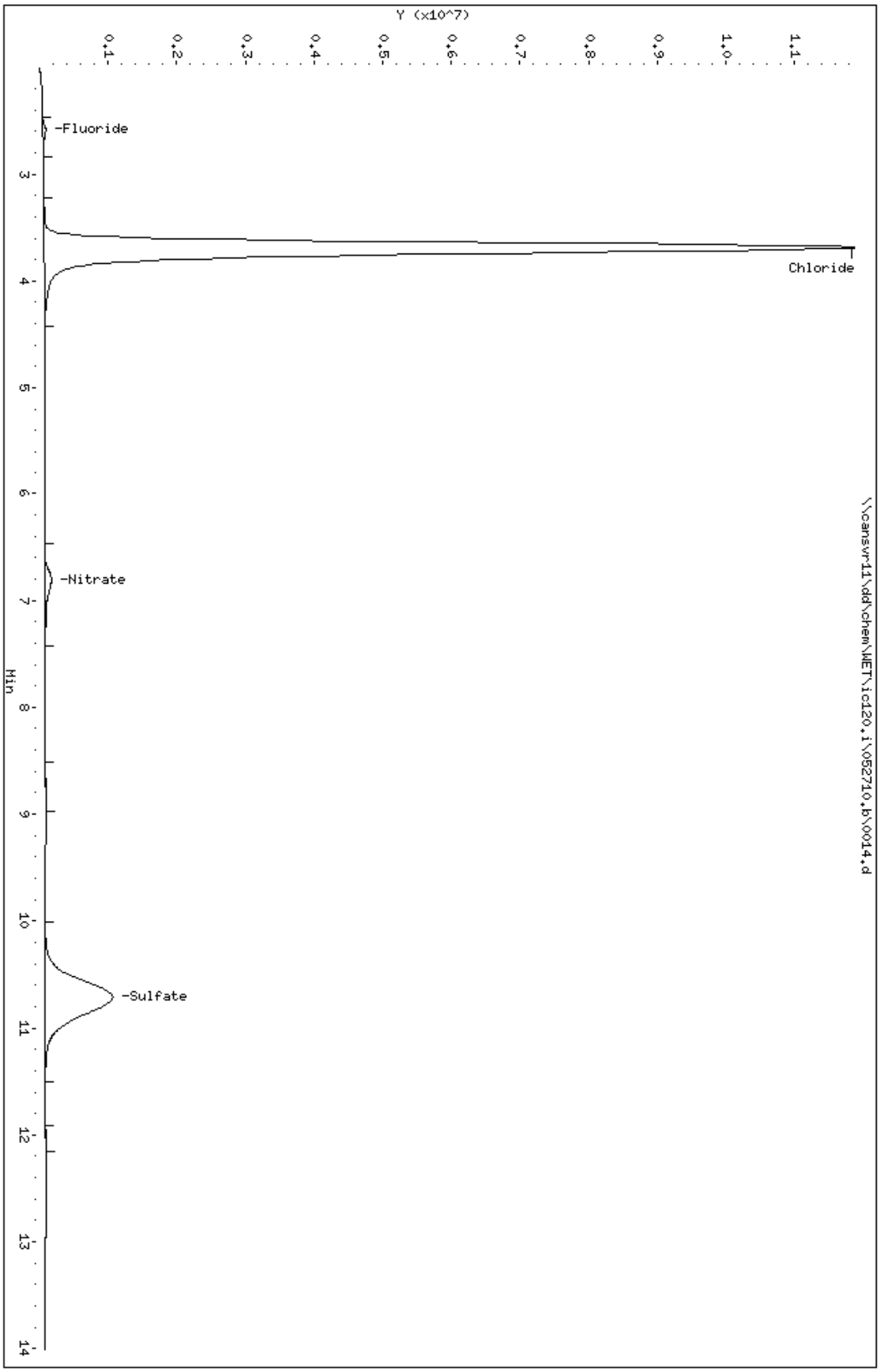
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.583	2.550	0.033	266248	0.02911	0.02911(aM)
2 Chloride	3.691	3.650	0.041	91855568	11.9485	11.95
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.808	6.433	0.375	1638672	0.11057	0.1106
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.708	10.575	0.133	23091919	4.56960	4.570

QC Flag Legend

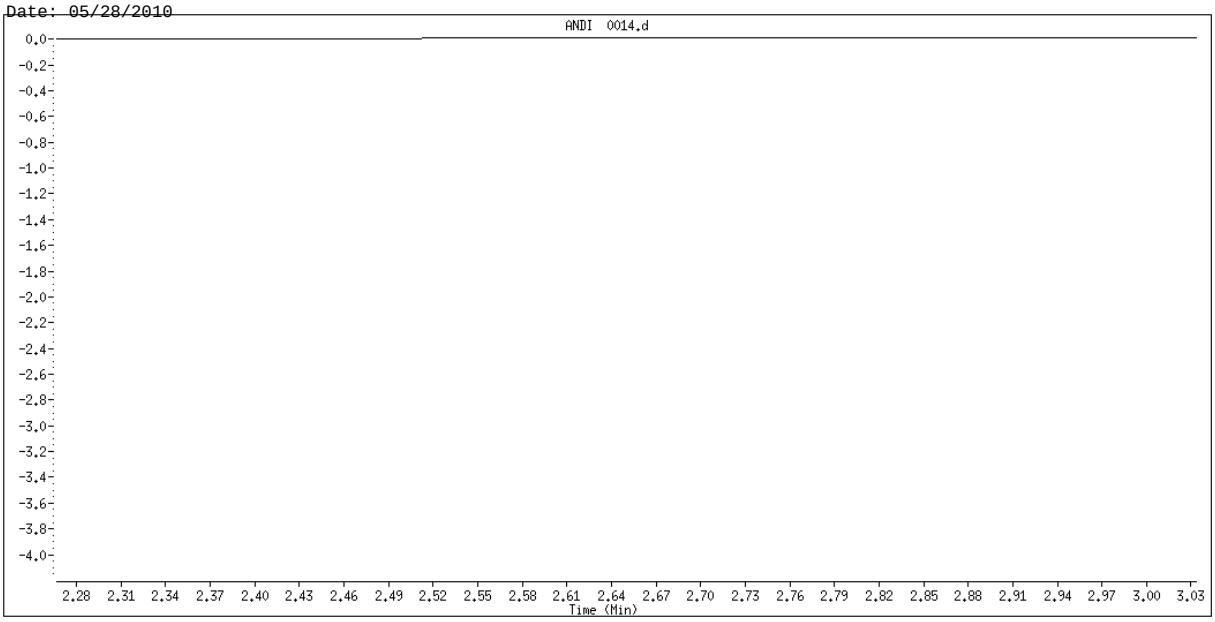
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0014.d
Date : 27-MAY-2010 14:57
Client ID:
Sample Info: L15DL
Purge Volume: 1.0
Column Phase: AS14

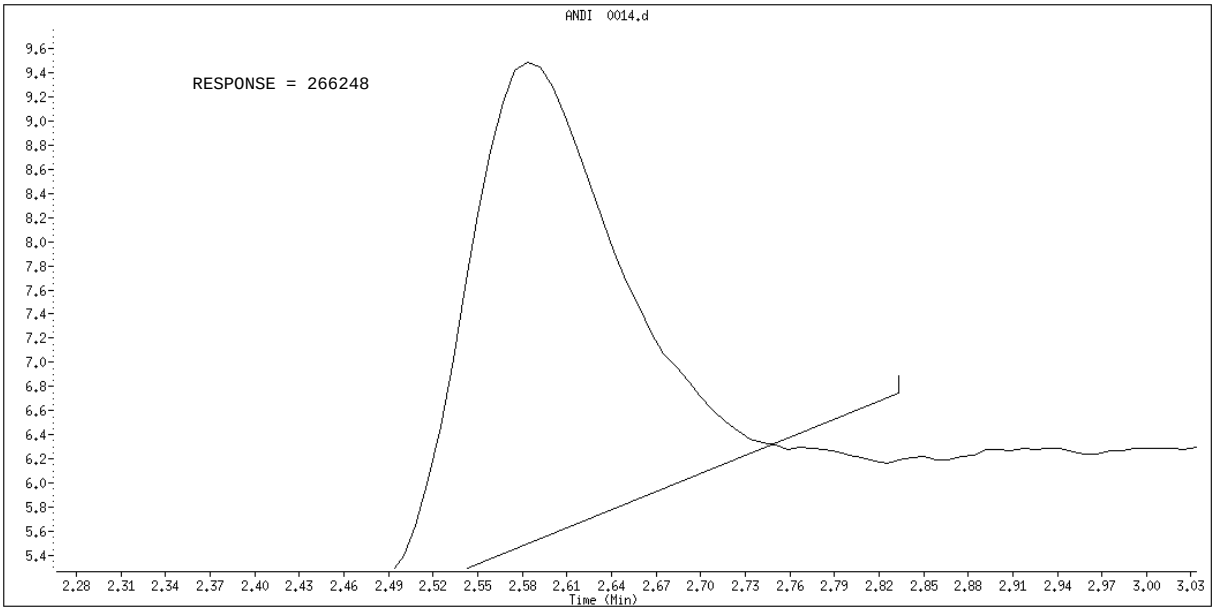
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0014.d
Inj. Date and Time: 27-MAY-2010 14:57
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0015.d
Report Date: 28-May-2010 11:21

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0015.d
Lab Smp Id: L15DP ORG
Inj Date : 27-MAY-2010 15:14
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DP ORG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

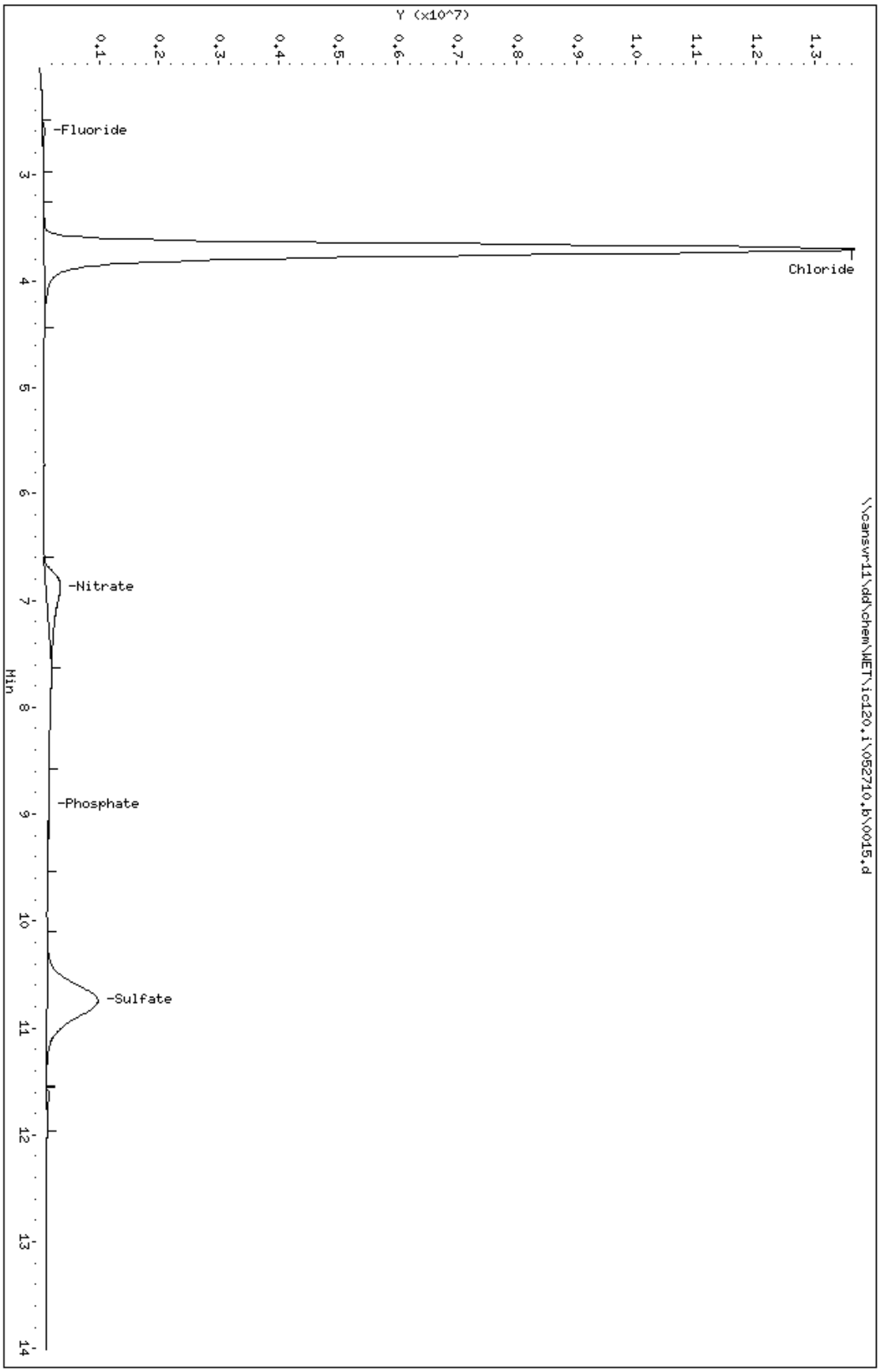
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

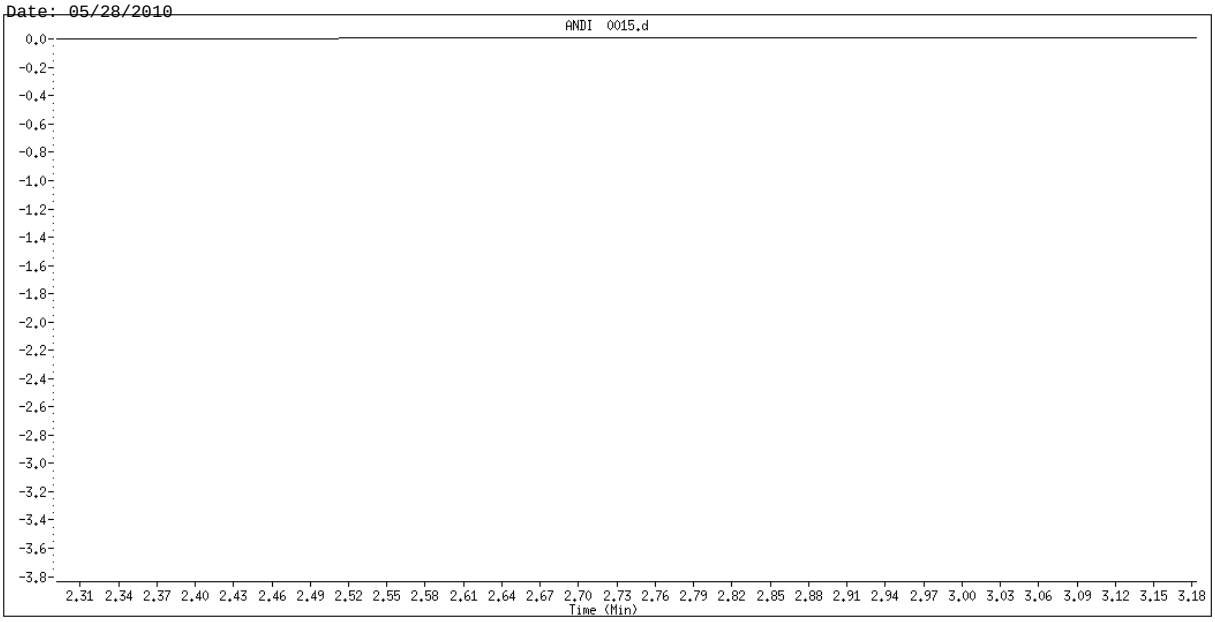
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	334146	0.03653	0.03653(aM)
2 Chloride	3.708	3.650	0.058	105720295	13.7520	13.75
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.875	6.433	0.442	6635703	0.44777	0.4478
6 Phosphate	8.908	8.633	0.275	611266	0.03458	0.03458(a)
7 Sulfate	10.741	10.575	0.166	20180599	3.99349	3.993

QC Flag Legend

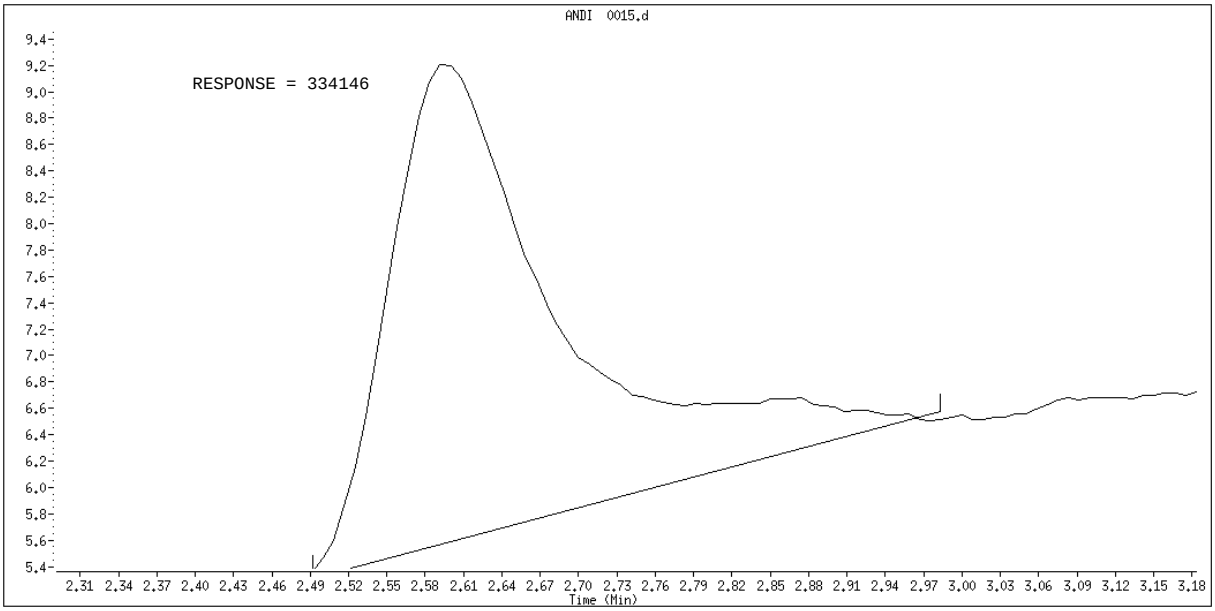
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.


Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0015.d
Date : 27-MAY-2010 15:14
Client ID:
Sample Info: L15DP ORG
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120.i\052710.b\0015.d
Y (x10^7)
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
-Fluoride
Chloride
-Nitrate
-Phosphate
-Sulfate
Min
3
4
5
6
7
8
9
10
11
12
13
14

Data File Name: 0015.d
Inj. Date and Time: 27-MAY-2010 15:14
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0016.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0016.d
Lab Smp Id: L15DP MS
Inj Date : 27-MAY-2010 15:30
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DP MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 27-May-2010 11:22 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

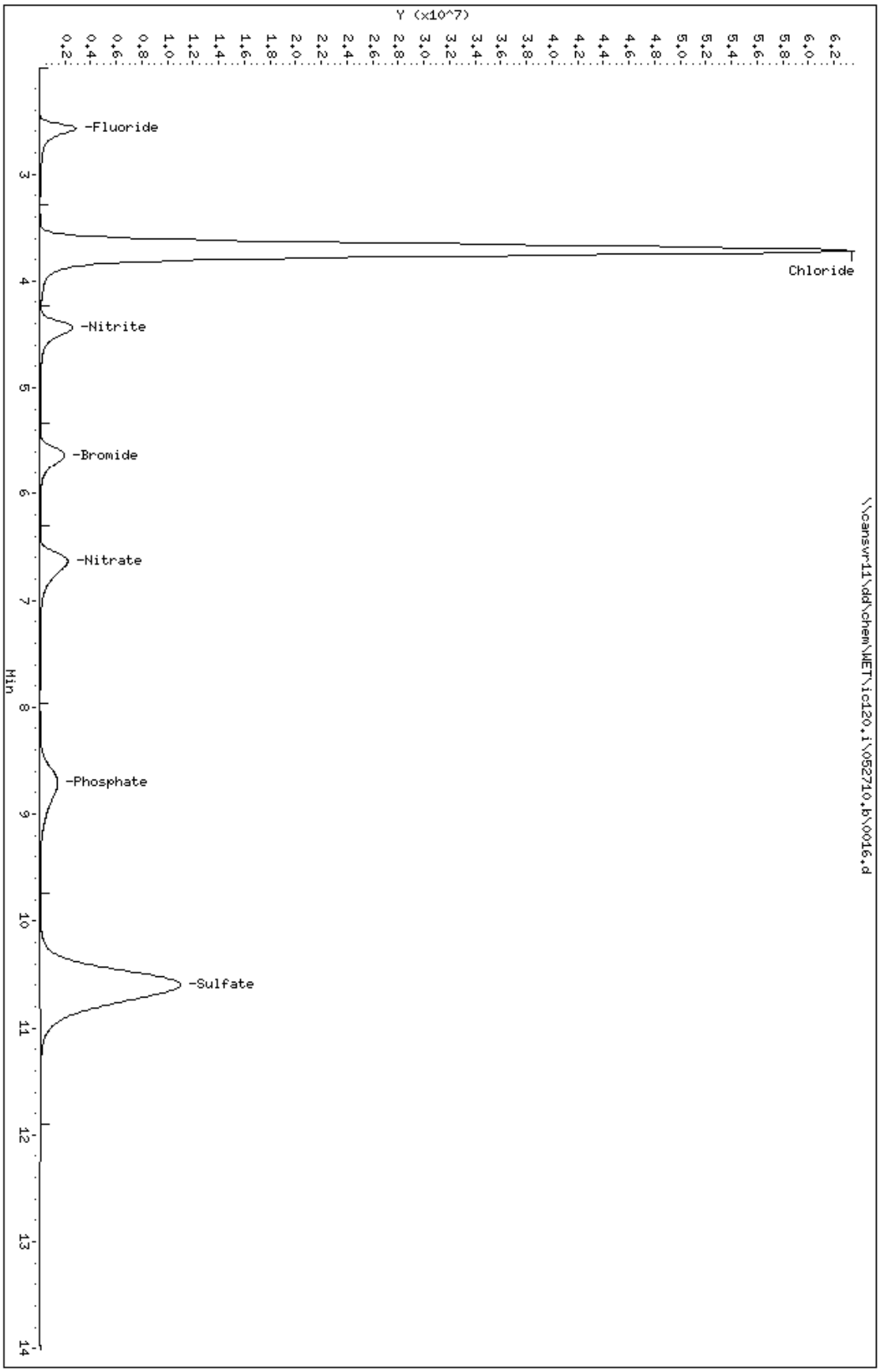
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.575	2.583	-0.008	26264451	2.87160	2.872(R)
2 Chloride	3.716	3.725	-0.009	503764516	65.5291	65.53(R)
3 Nitrite	4.441	4.475	-0.034	31523160	2.51853	2.518
4 Bromide	5.633	5.691	-0.058	26165017	9.70519	9.705
5 Nitrate	6.633	6.708	-0.075	37472054	2.52855	2.528
6 Phosphate	8.708	8.758	-0.050	37763079	5.35428	5.354(R)
7 Sulfate	10.600	10.691	-0.091	248504410	49.1759	49.18

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0016.d
Date : 27-MAY-2010 15:30
Client ID:
Sample Info: L15DP MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



\\cansvr11\dd\chem\WET\ic120,i\052710,b\0016.d

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0017.d
Report Date: 28-May-2010 11:14

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CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 27-MAY-2010 15:46
Lab File ID: 0017.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	9072574	9072574	0.010	0.80568	10.00000	Averaged
2 Chloride	7687643	8058331	8058331	0.010	-4.82188	10.00000	Averaged
3 Nitrite	12516496	12393265	12393265	0.010	0.98455	10.00000	Averaged
4 Bromide	2695983	2598312	2598312	0.010	3.62282	10.00000	Averaged
5 Nitrate	14819560	14637878	14637878	0.010	1.22596	10.00000	Averaged
6 Phosphate	2.50000	2.63186	7500082	0.010	-5.27453	10.00000	Linear
7 Sulfate	5053378	4925846	4925846	0.010	2.52369	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0017.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0017.d
Lab Smp Id: CCV
Inj Date : 27-MAY-2010 15:46
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

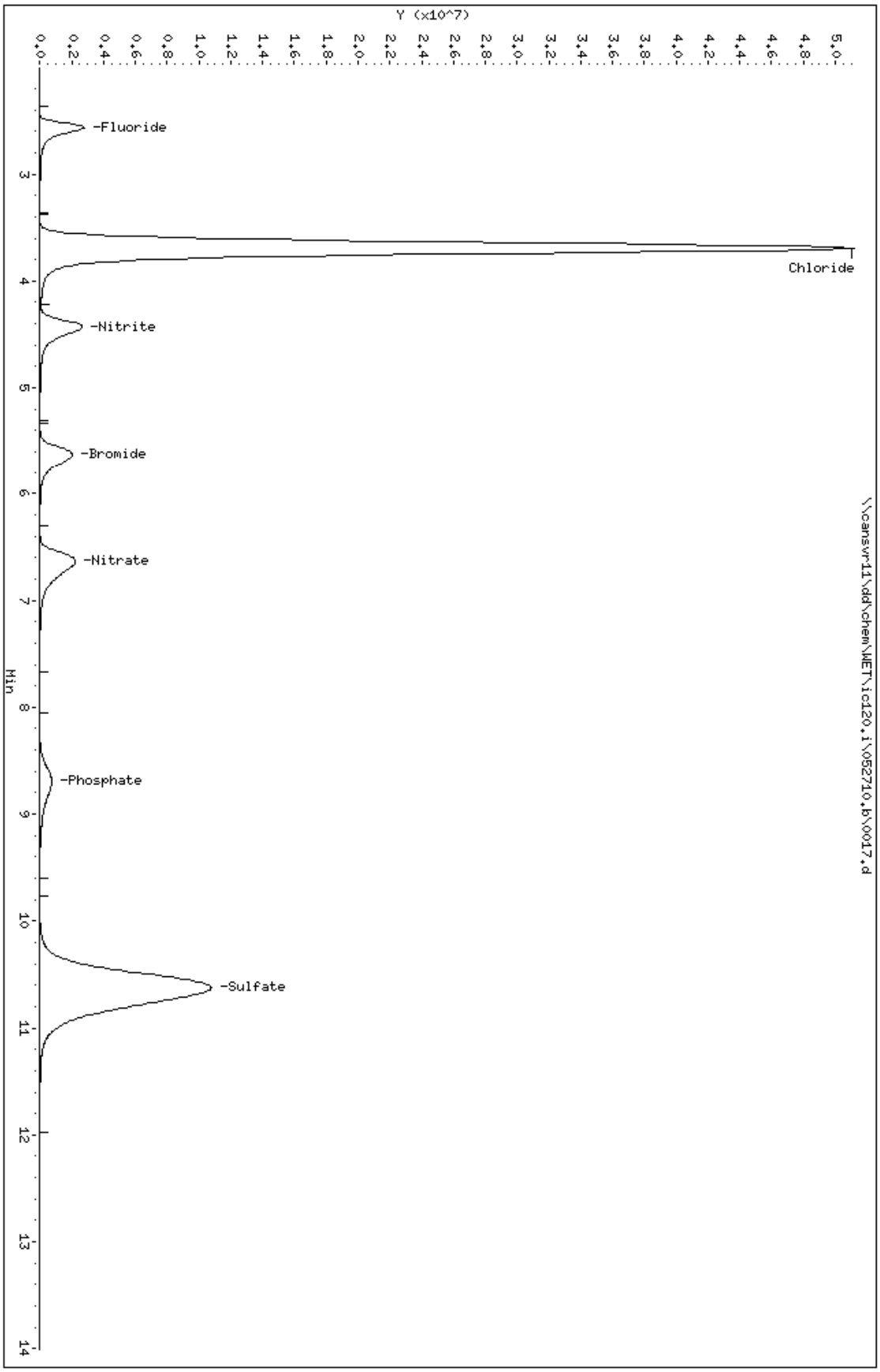
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.566	2.566	0.000	22681434	2.50000	2.480
2 Chloride	3.691	3.691	0.000	402916565	50.0000	52.41
3 Nitrite	4.433	4.433	0.000	30983162	2.50000	2.475
4 Bromide	5.625	5.625	0.000	25983119	10.0000	9.638
5 Nitrate	6.633	6.633	0.000	36594695	2.50000	2.469
6 Phosphate	8.691	8.691	0.000	18750206	2.50000	2.632
7 Sulfate	10.625	10.625	0.000	246292313	50.0000	48.74

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0017.d
Date : 27-MAY-2010 15:46
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



\\cansvr11\dd\chem\WET\ic120,i\052710,b\0017.d

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0018.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

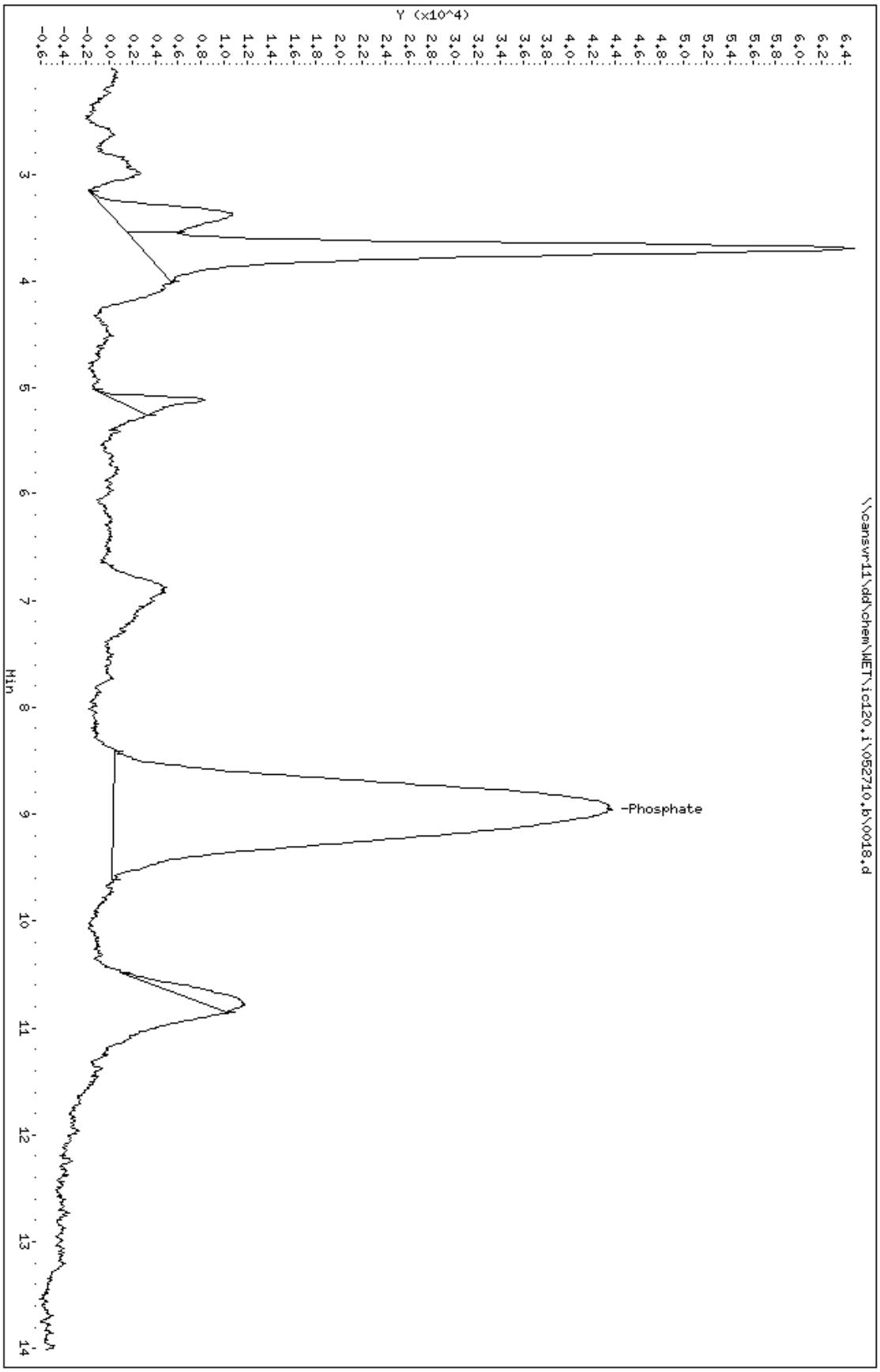
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0018.d
Lab Smp Id: CCB
Inj Date : 27-MAY-2010 16:03
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.958	8.691	0.267	1494306	0.16103	0.1610
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0018.d
Date : 27-MAY-2010 16:03
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\052710,b\0018.d
Y (x10^4)
Min
-Phosphate

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0019.d
Report Date: 28-May-2010 11:21

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0019.d
Lab Smp Id: L15DQ
Inj Date : 27-MAY-2010 16:19
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DQ
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

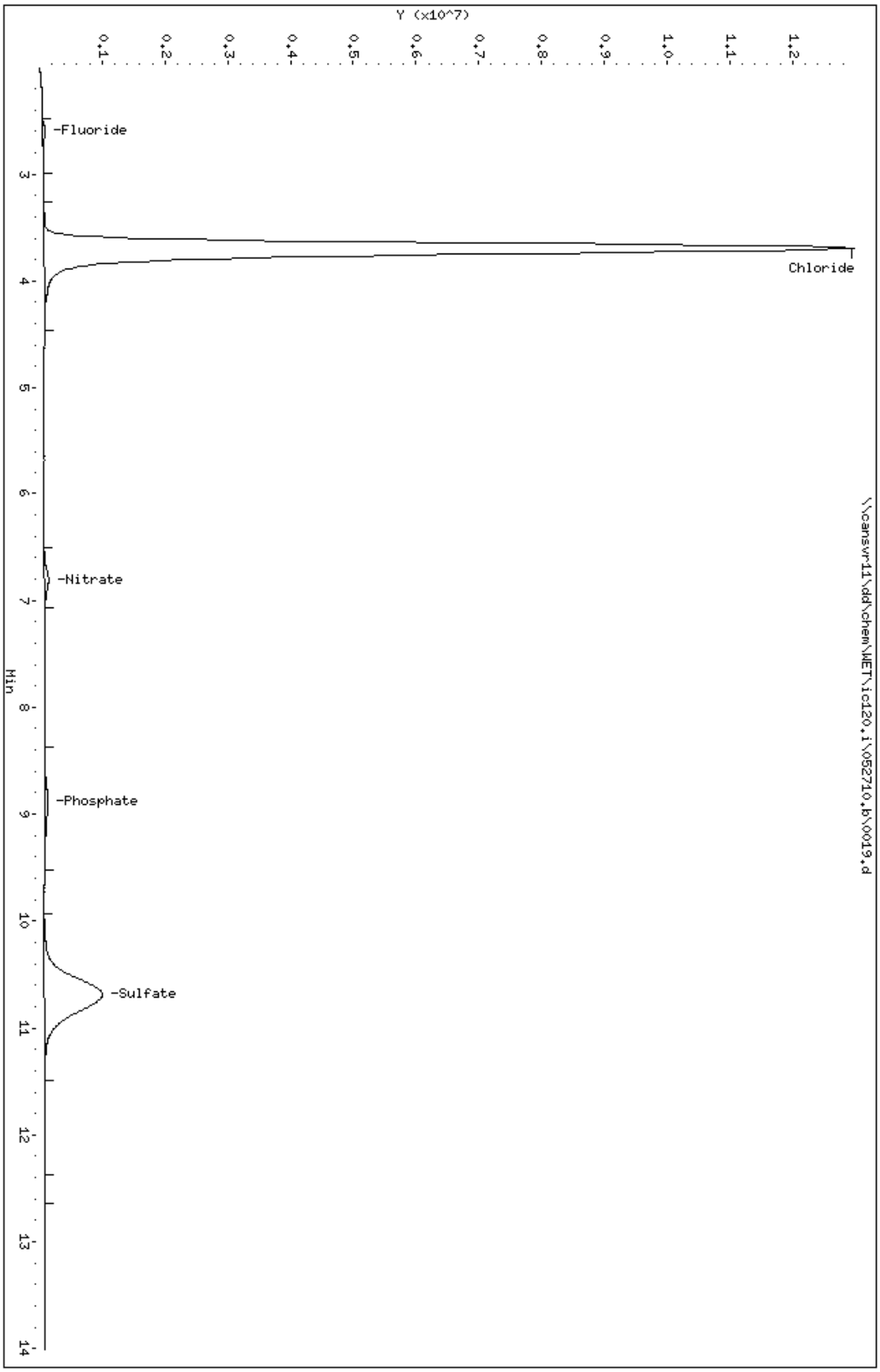
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	390507	0.04270	0.04270(aM)
2 Chloride	3.691	3.650	0.041	99791212	12.9807	12.98
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.808	6.433	0.375	878179	0.05926	0.05926(a)
6 Phosphate	8.883	8.633	0.250	1508859	0.16311	0.1631
7 Sulfate	10.691	10.575	0.116	21762528	4.30653	4.306

QC Flag Legend

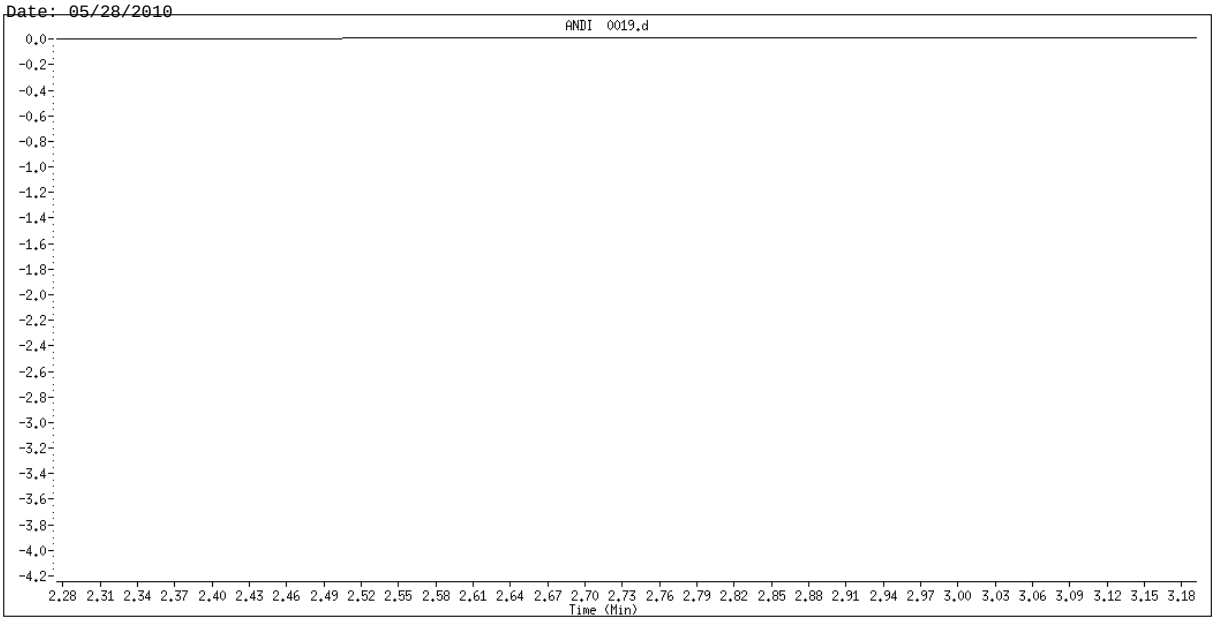
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0019.d
Date : 27-MAY-2010 16:19
Client ID:
Sample Info: L15DQ
Purge Volume: 1.0
Column phase: AS14

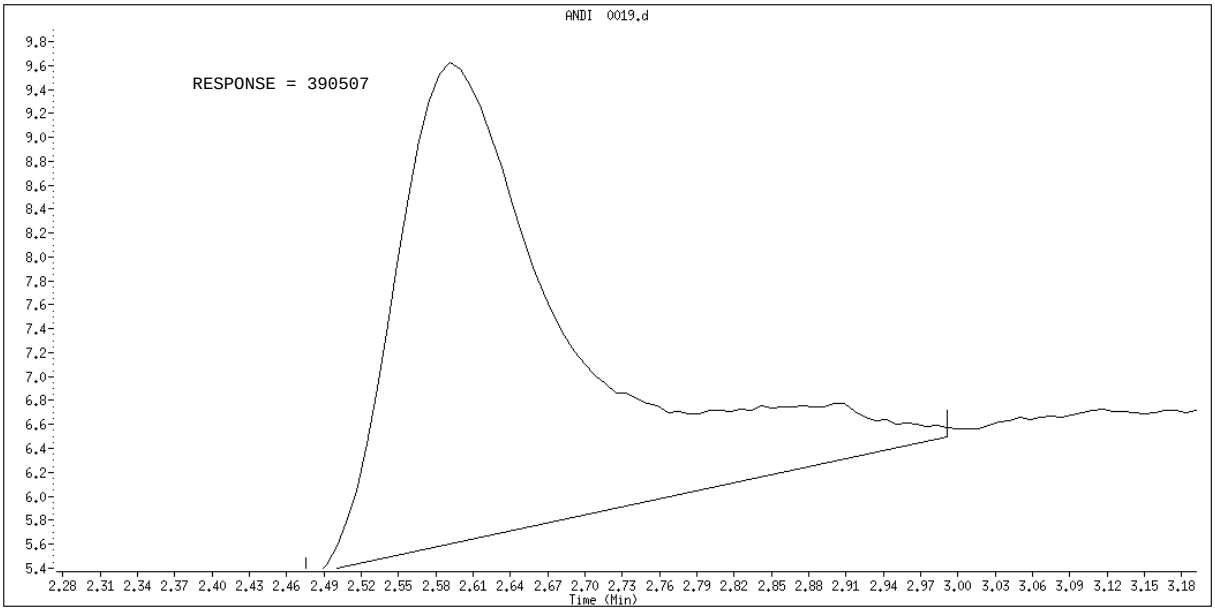
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0019.d
Inj. Date and Time: 27-MAY-2010 16:19
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0020.d
Report Date: 28-May-2010 11:22

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0020.d
Lab Smp Id: L15DM
Inj Date : 27-MAY-2010 16:36
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DM
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

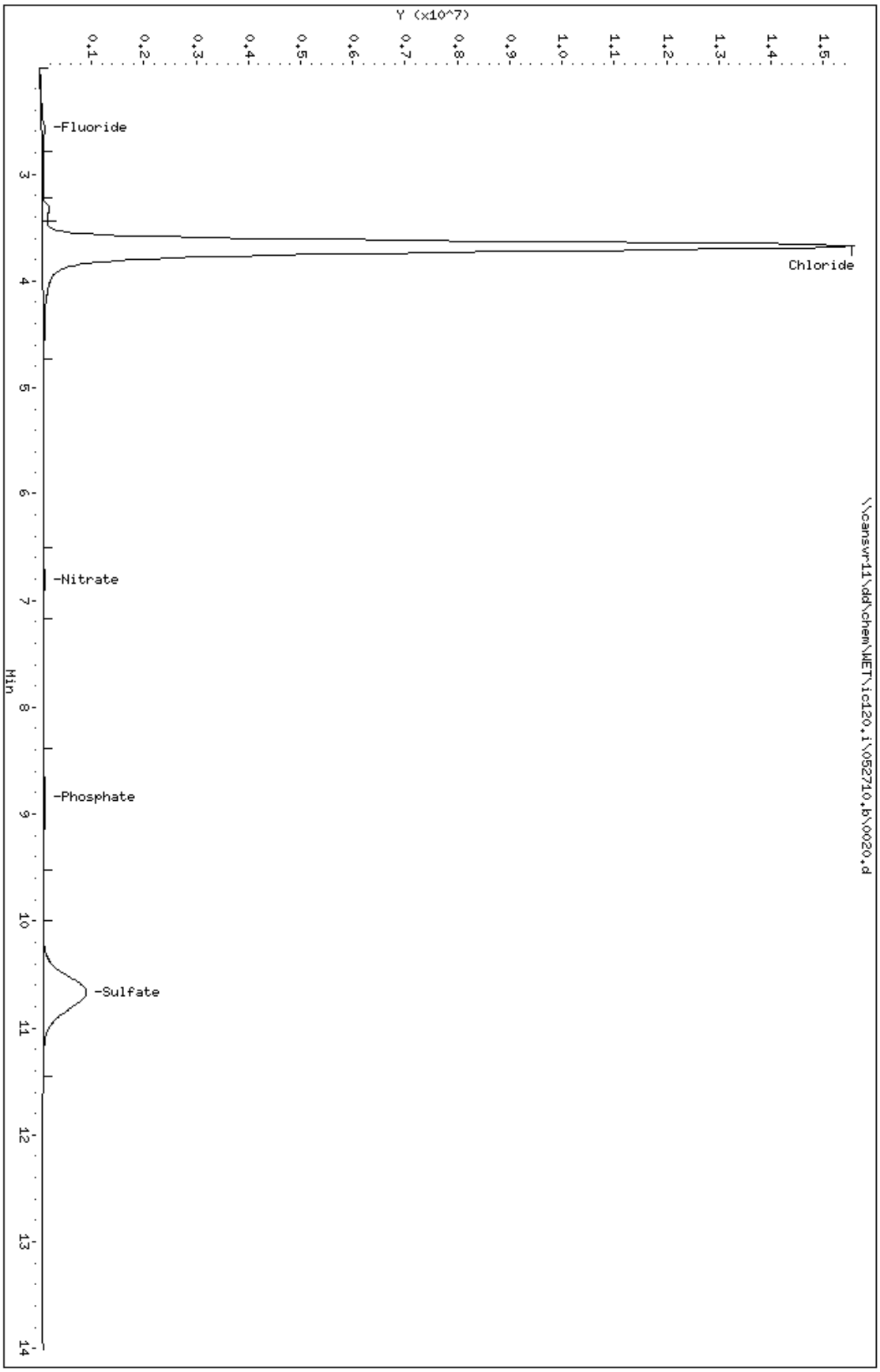
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.550	0.025	1234059	0.13492	0.1349(M)
2 Chloride	3.675	3.650	0.025	120932688	15.7308	15.73(M)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.808	6.433	0.375	507648	0.03426	0.03426(a)
6 Phosphate	8.841	8.633	0.208	1362476	0.14215	0.1421
7 Sulfate	10.666	10.575	0.091	19603886	3.87936	3.879

QC Flag Legend

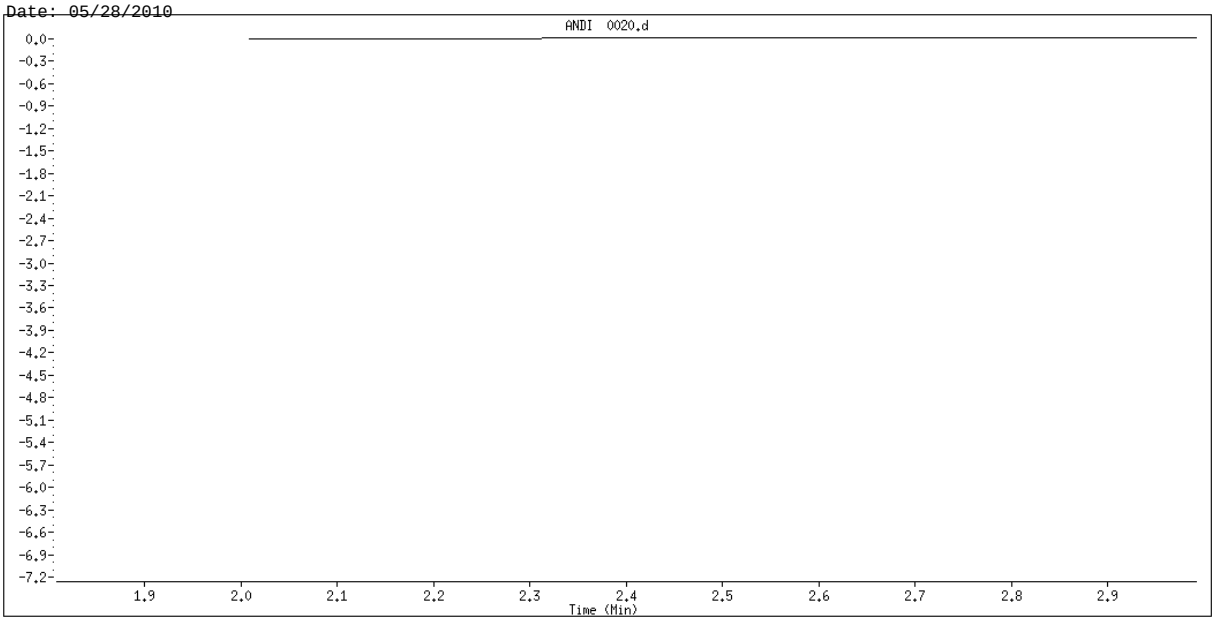
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0020.d
Date : 27-MAY-2010 16:36
Client ID:
Sample Info: L15DM
Purge Volume: 1.0
Column Phase: AS14

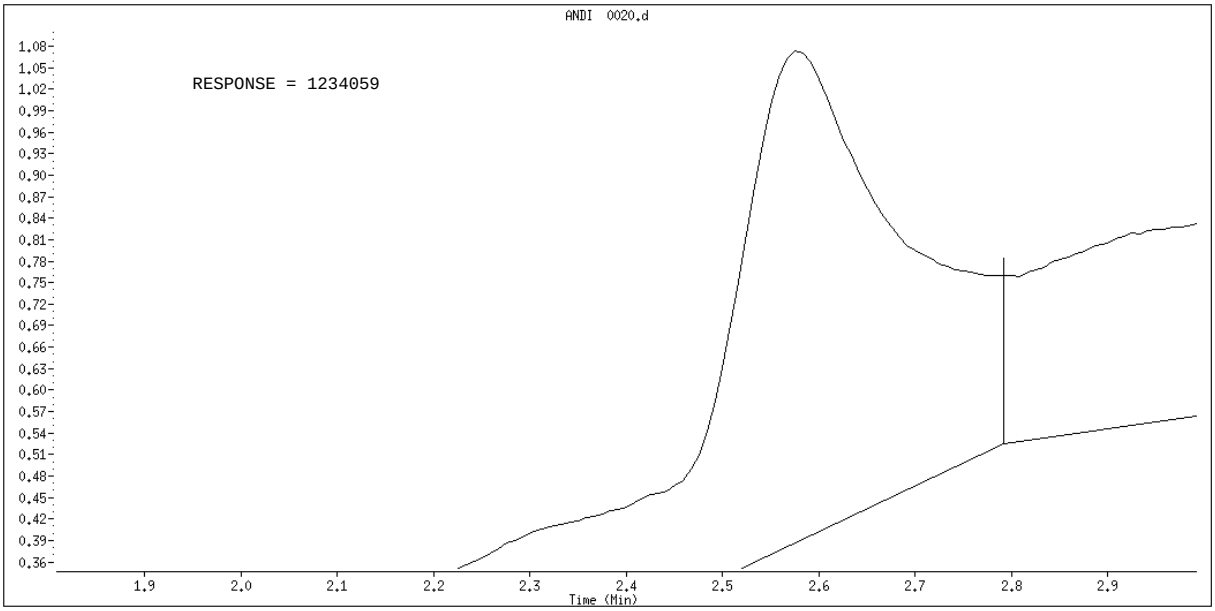
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0020.d
Inj. Date and Time: 27-MAY-2010 16:36
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



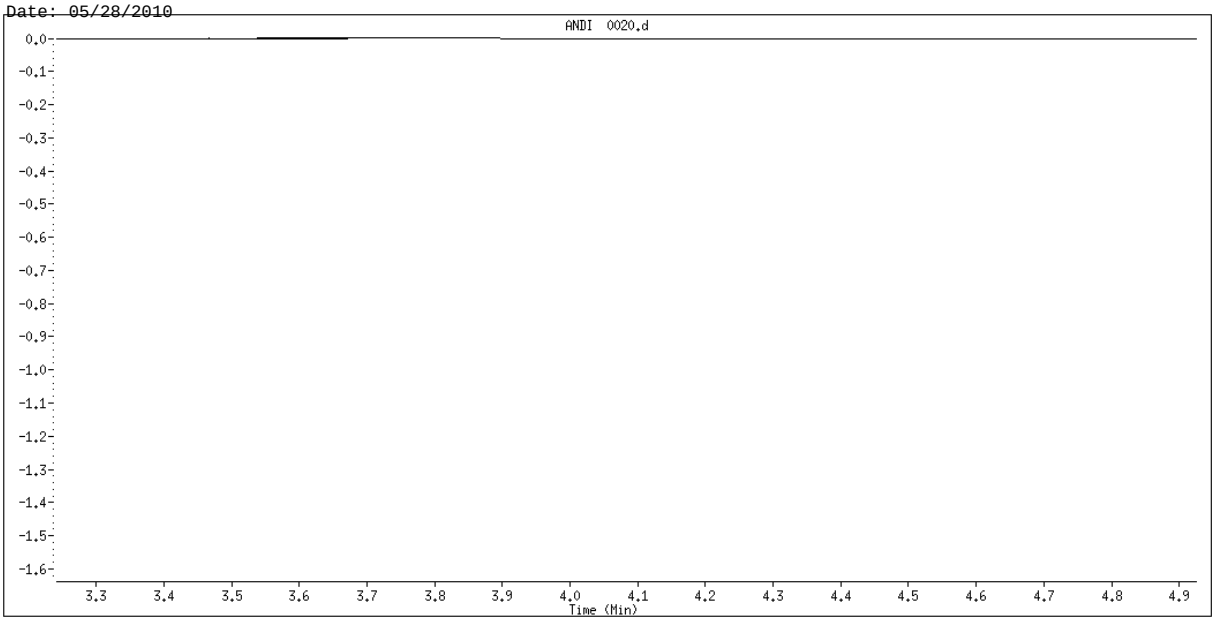
Original Integration



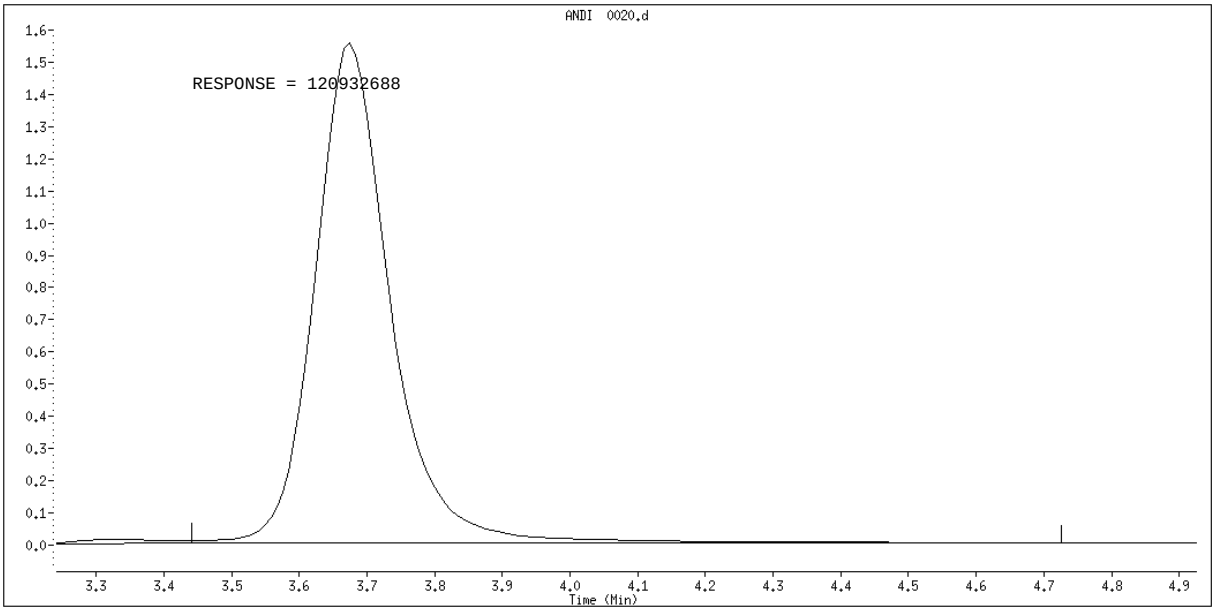
Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File Name: 0020.d
Inj. Date and Time: 27-MAY-2010 16:36
Instrument ID: ic120.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0021.d
Report Date: 28-May-2010 11:22

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0021.d
Lab Smp Id: L15DR
Inj Date : 27-MAY-2010 16:52
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DR
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

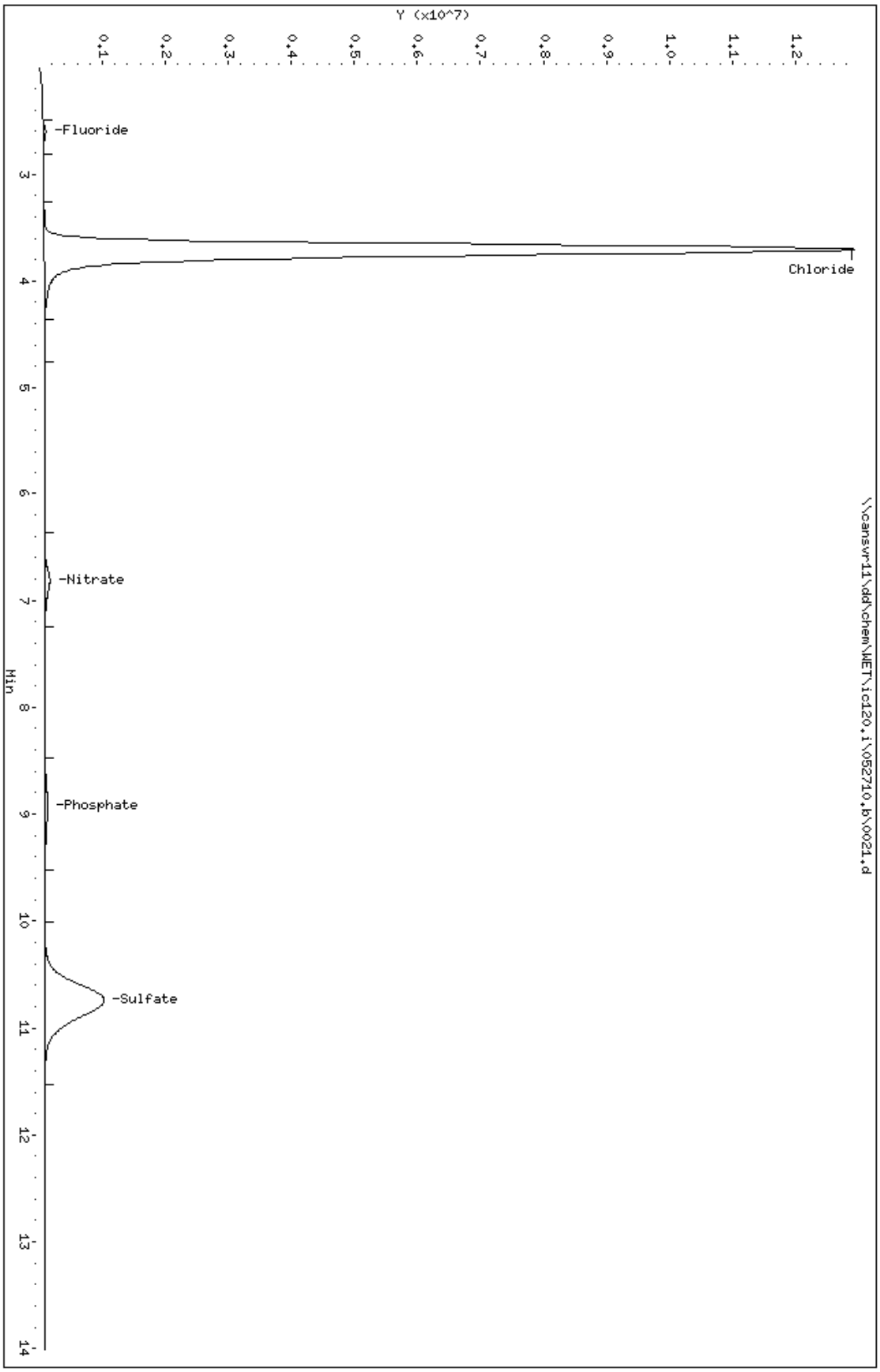
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.600	2.550	0.050	253493	0.02772	0.02772(aM)
2 Chloride	3.708	3.650	0.058	99971484	13.0042	13.00
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.816	6.433	0.383	1277585	0.08621	0.08621(a)
6 Phosphate	8.925	8.633	0.292	1141137	0.11046	0.1104
7 Sulfate	10.741	10.575	0.166	22161332	4.38545	4.385

QC Flag Legend

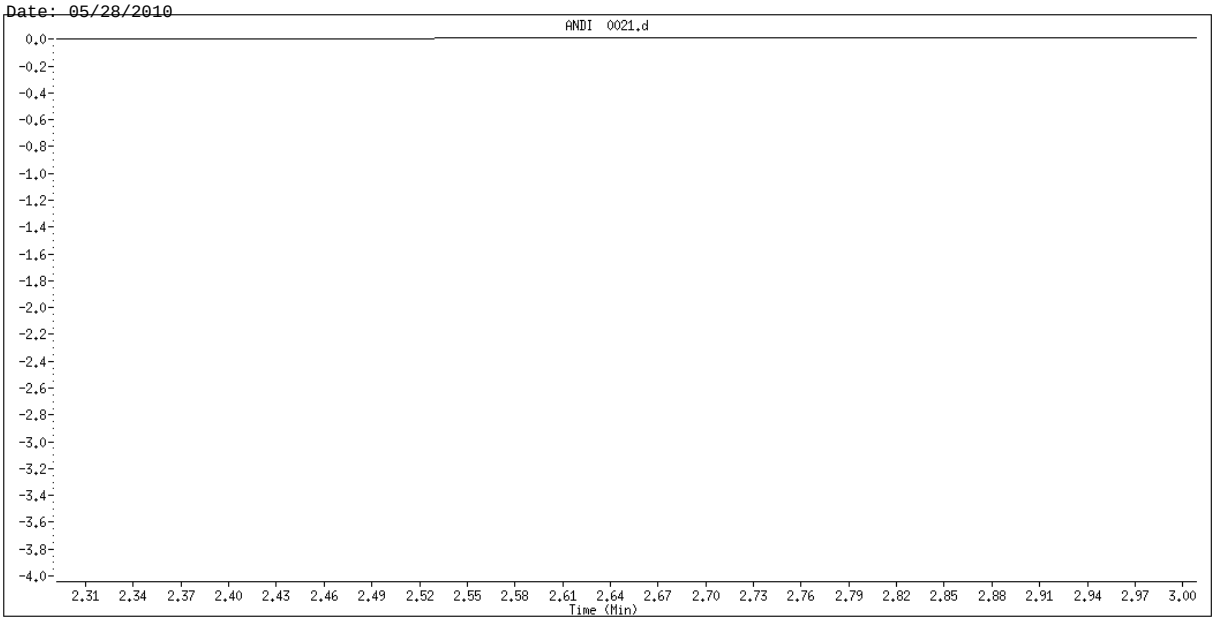
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0021.d
Date : 27-MAY-2010 16:52
Client ID:
Sample Info: L15DR
Purge Volume: 1.0
Column Phase: AS14

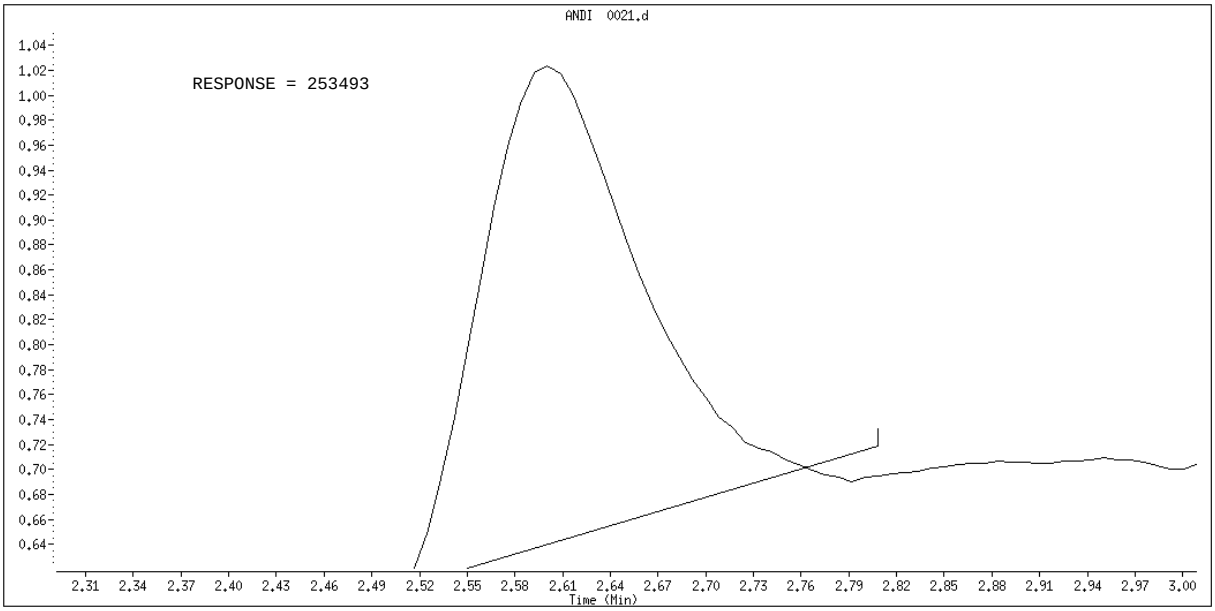
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0021.d
Inj. Date and Time: 27-MAY-2010 16:52
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0022.d
Report Date: 28-May-2010 11:22

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0022.d
Lab Smp Id: L15DT
Inj Date : 27-MAY-2010 17:09
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DT
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

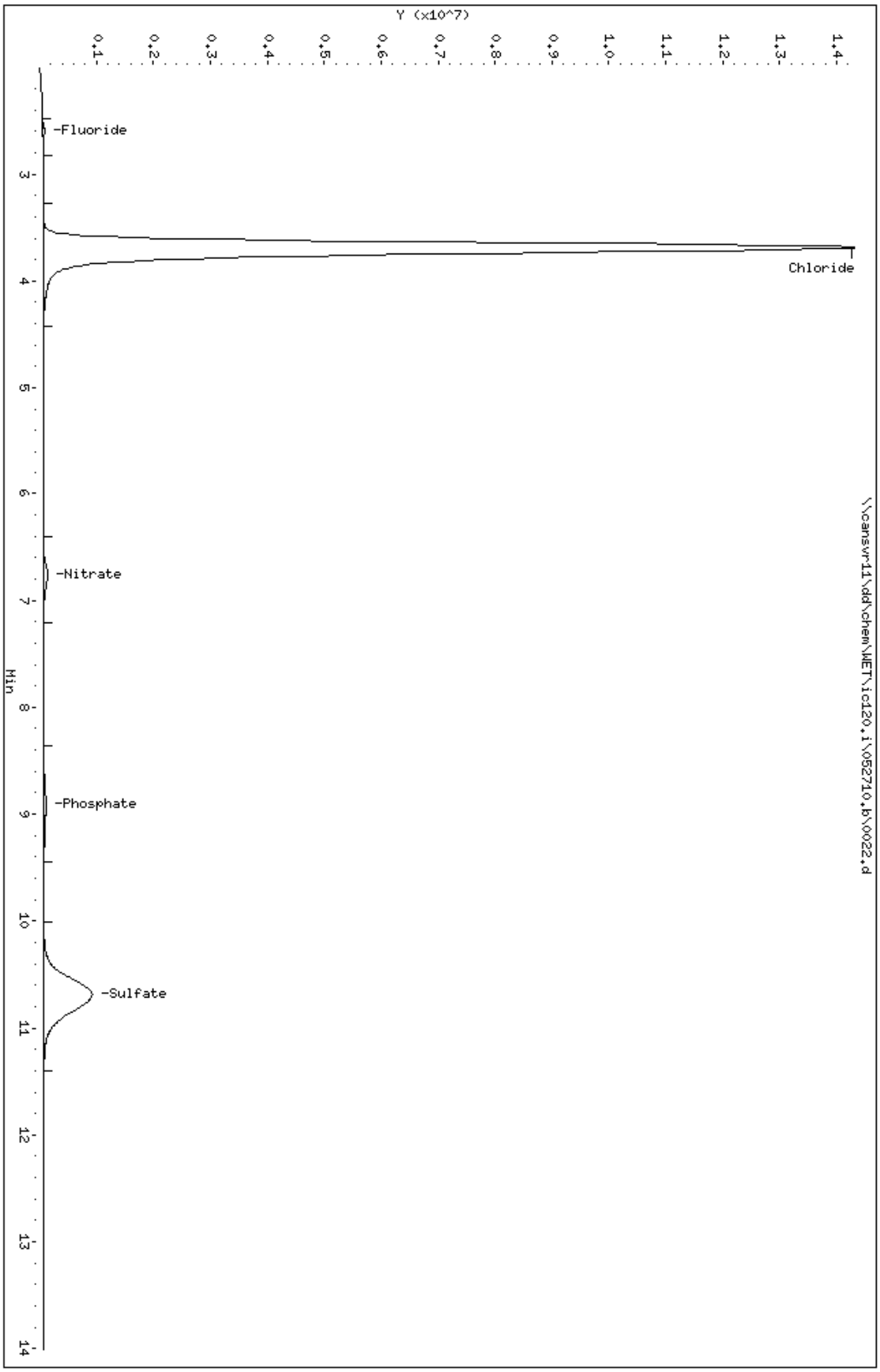
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	257172	0.02812	0.02812(aM)
2 Chloride	3.691	3.650	0.041	109395255	14.2300	14.23
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.758	6.433	0.325	1153287	0.07782	0.07782(a)
6 Phosphate	8.908	8.633	0.275	1129043	0.10872	0.1087
7 Sulfate	10.683	10.575	0.108	19563808	3.87143	3.871

QC Flag Legend

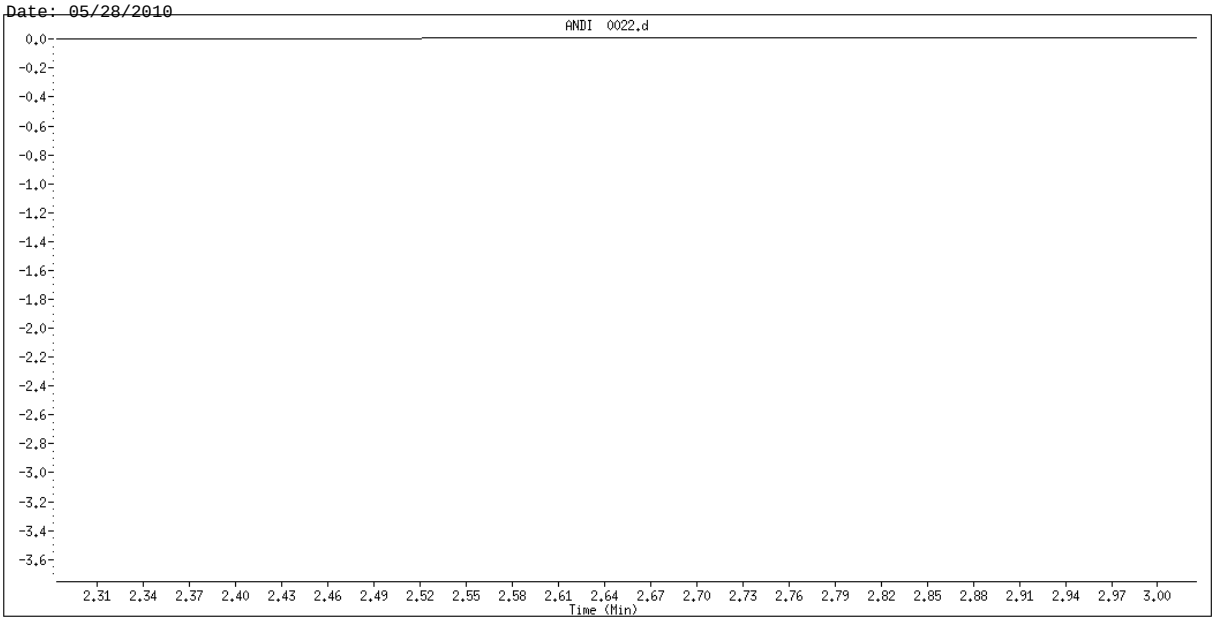
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0022.d
Date : 27-MAY-2010 17:09
Client ID:
Sample Info: L15DT
Purge Volume: 1.0
Column Phase: AS14

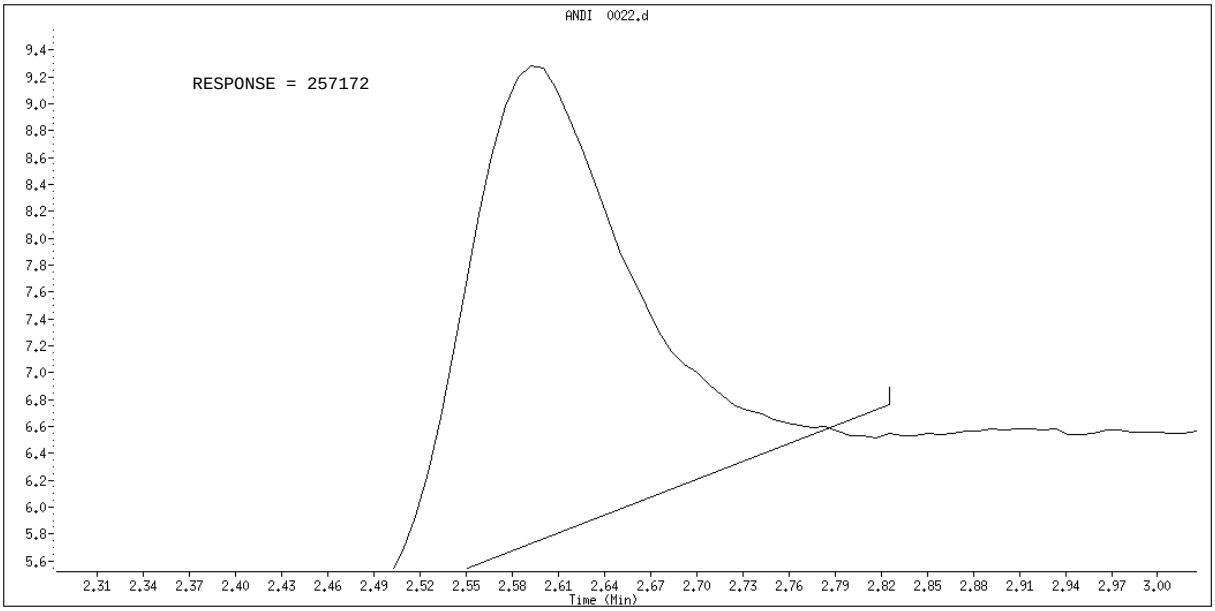
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0022.d
Inj. Date and Time: 27-MAY-2010 17:09
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0023.d
Report Date: 28-May-2010 11:23

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0023.d
Lab Smp Id: L15DX
Inj Date : 27-MAY-2010 17:25
Operator : 001754 Inst ID: ic120.i
Smp Info : L15DX
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

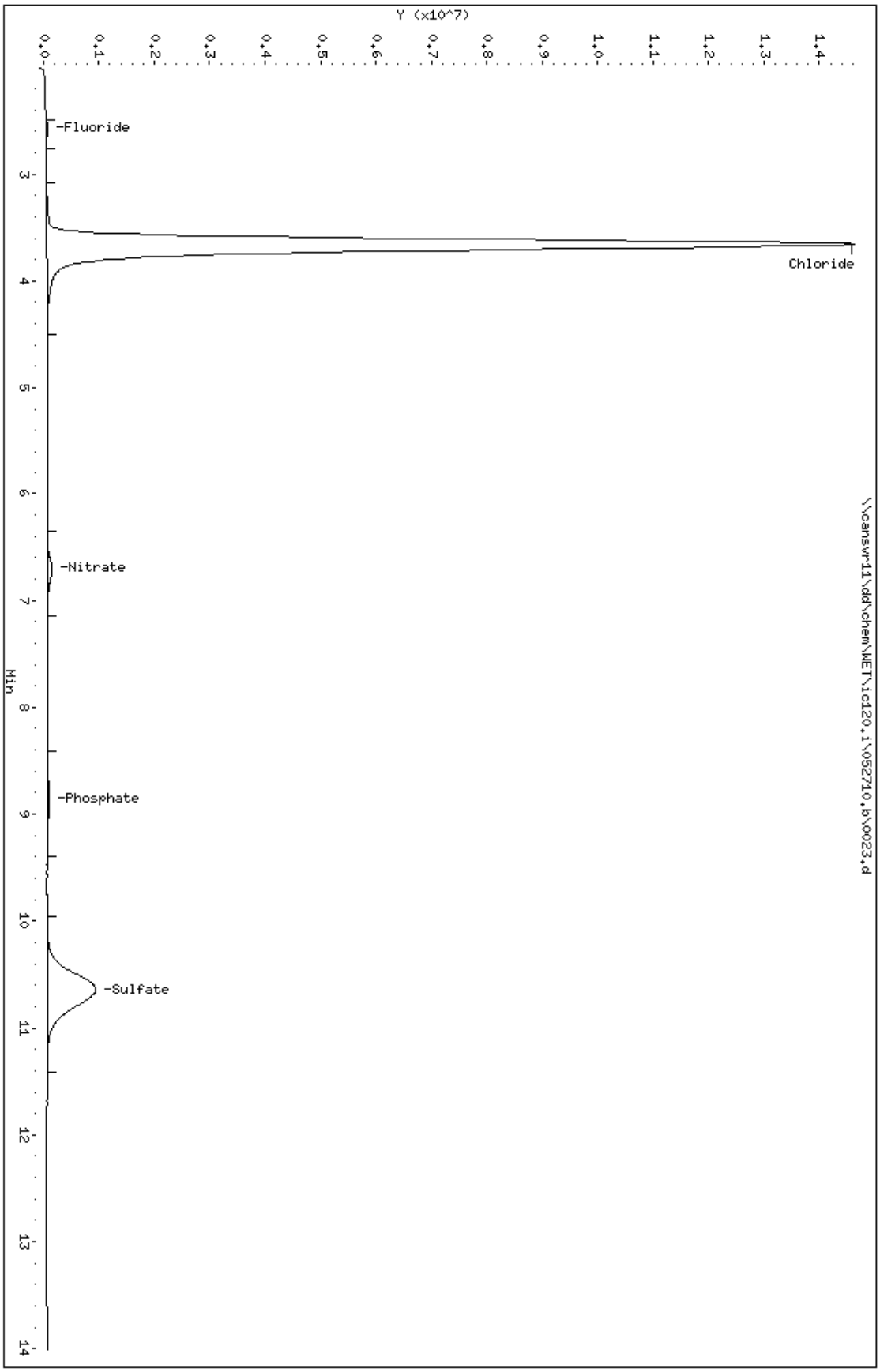
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.575	2.550	0.025	245338	0.02682	0.02682(aM)
2 Chloride	3.658	3.650	0.008	111191739	14.4637	14.46
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.700	6.433	0.267	1353027	0.09130	0.09130(a)
6 Phosphate	8.858	8.633	0.225	936228	0.08112	0.08112
7 Sulfate	10.641	10.575	0.066	20433253	4.04348	4.043

QC Flag Legend

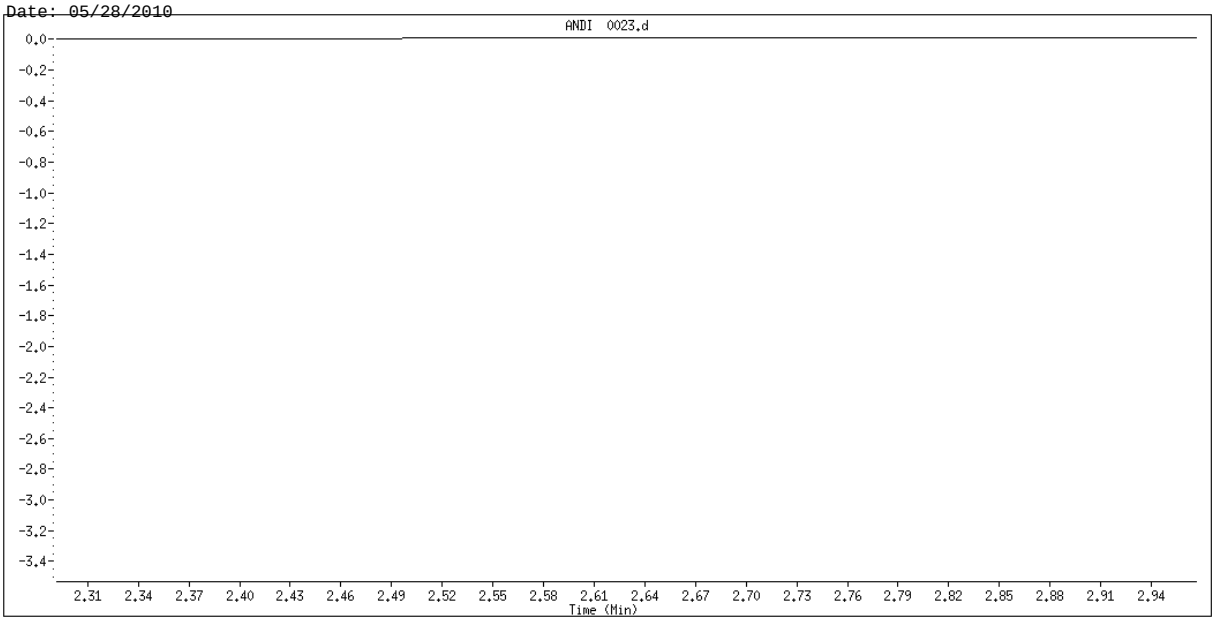
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0023.d
Date : 27-MAY-2010 17:25
Client ID:
Sample Info: L15DX
Purge Volume: 1.0
Column Phase: AS14

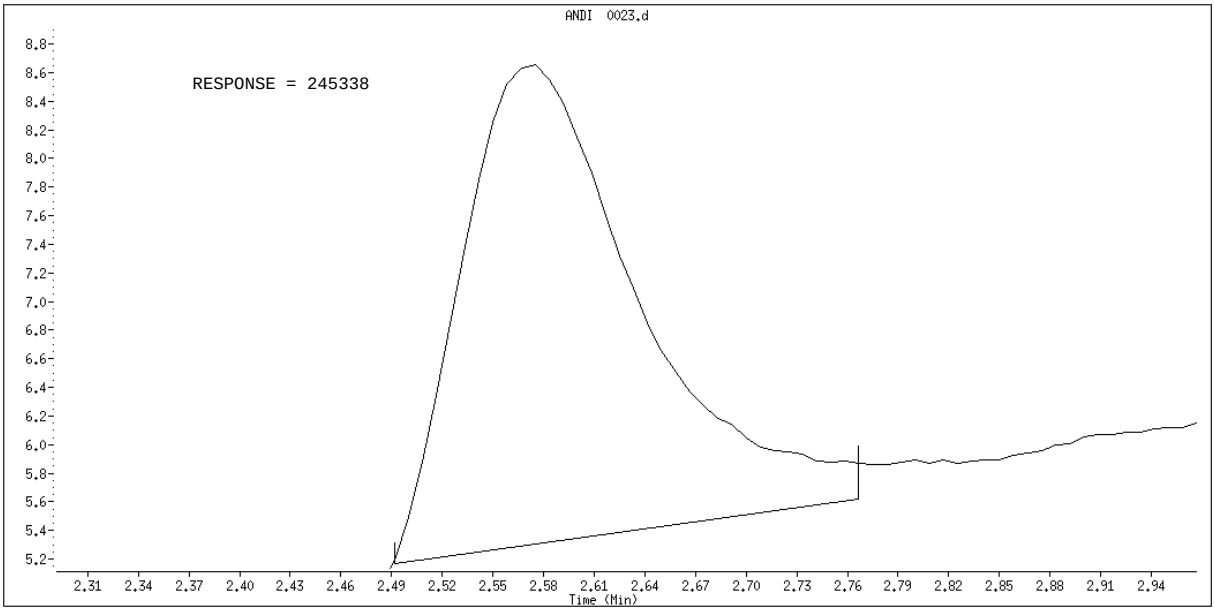
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0023.d
Inj. Date and Time: 27-MAY-2010 17:25
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0024.d
Report Date: 28-May-2010 11:23

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0024.d
Lab Smp Id: L15D1 ORG
Inj Date : 27-MAY-2010 17:41
Operator : 001754 Inst ID: ic120.i
Smp Info : L15D1 ORG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

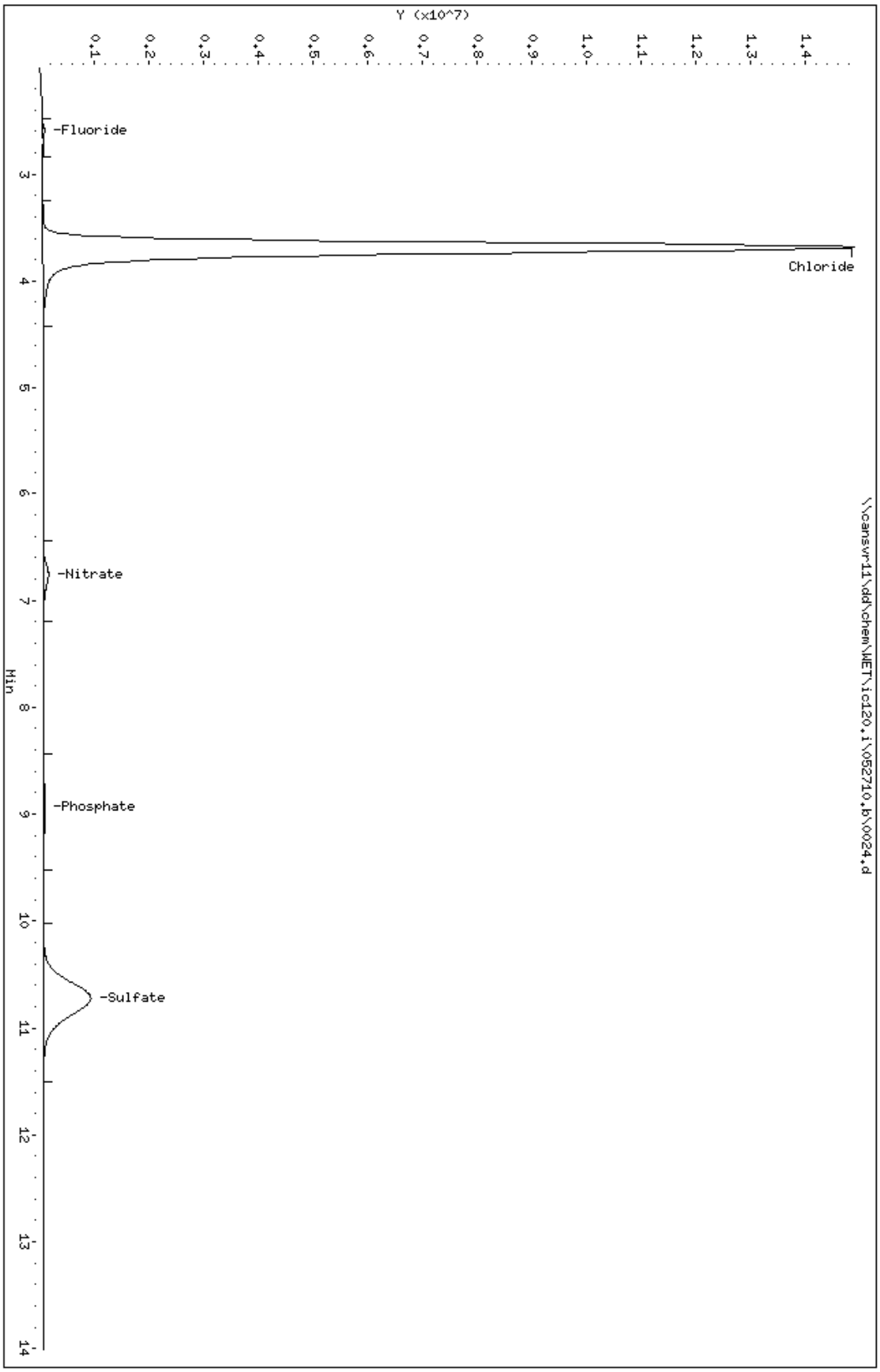
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	246027	0.02690	0.02690(aM)
2 Chloride	3.683	3.650	0.033	113591452	14.7758	14.78
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.758	6.433	0.325	1502254	0.10137	0.1014
6 Phosphate	8.933	8.633	0.300	947296	0.08270	0.08270
7 Sulfate	10.725	10.575	0.150	20420923	4.04104	4.041

QC Flag Legend

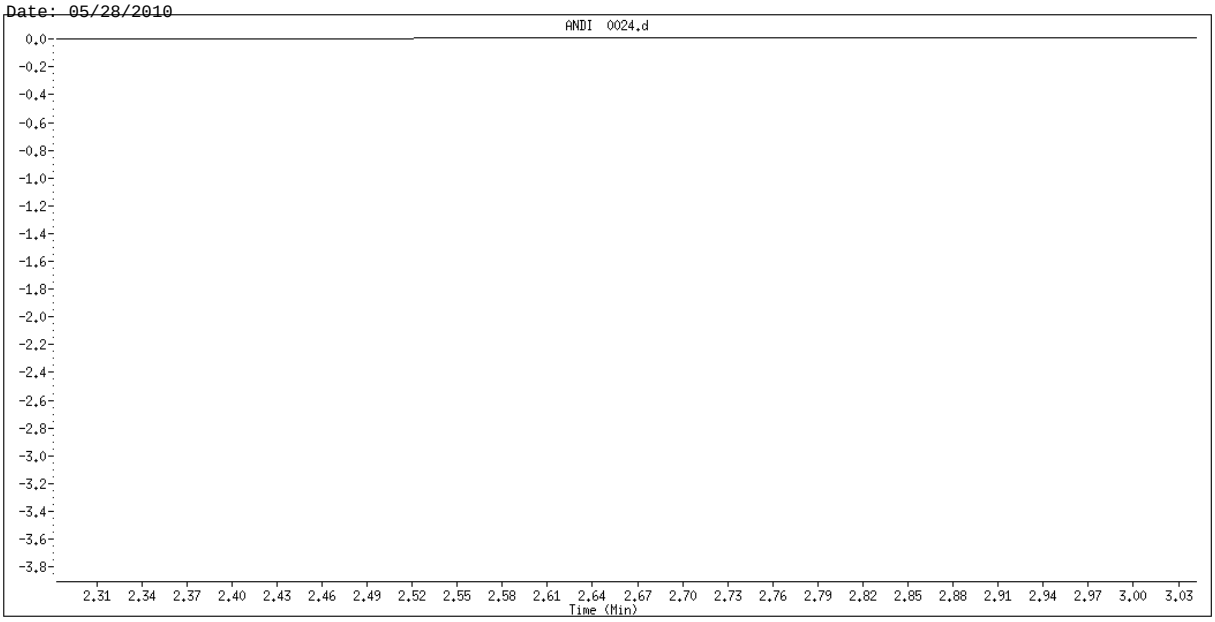
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0024.d
Date : 27-MAY-2010 17:41
Client ID:
Sample Info: L15D1 ORG
Purge Volume: 1.0
Column phase: AS14

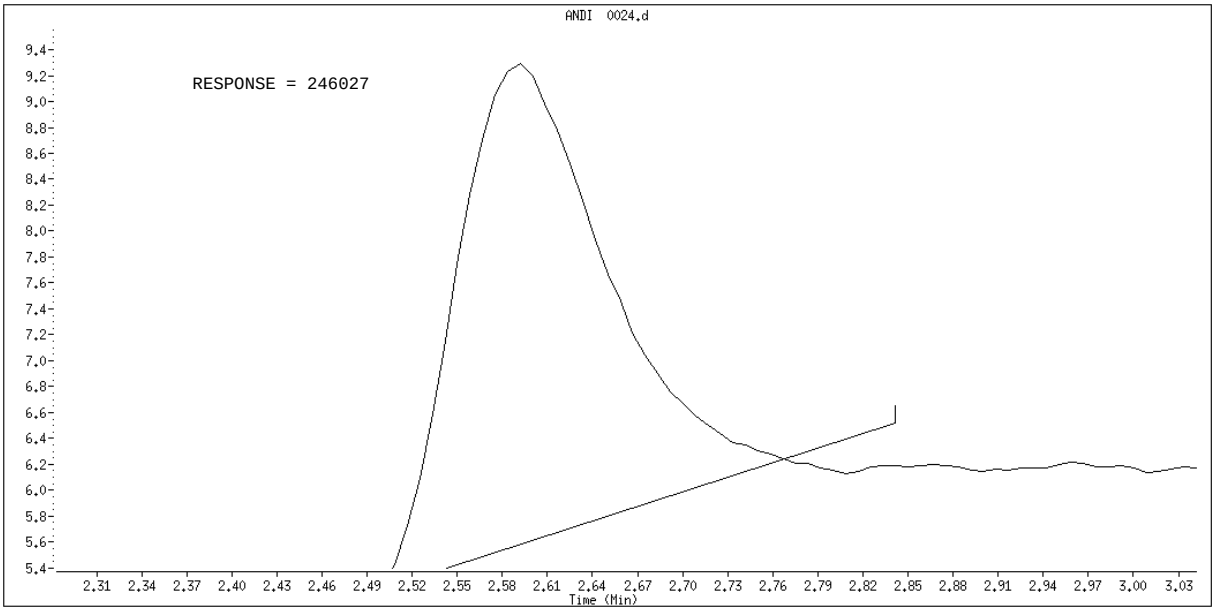
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0024.d
Inj. Date and Time: 27-MAY-2010 17:41
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0025.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0025.d
Lab Smp Id: L15D1 MS
Inj Date : 27-MAY-2010 17:58
Operator : 001754 Inst ID: ic120.i
Smp Info : L15D1 MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

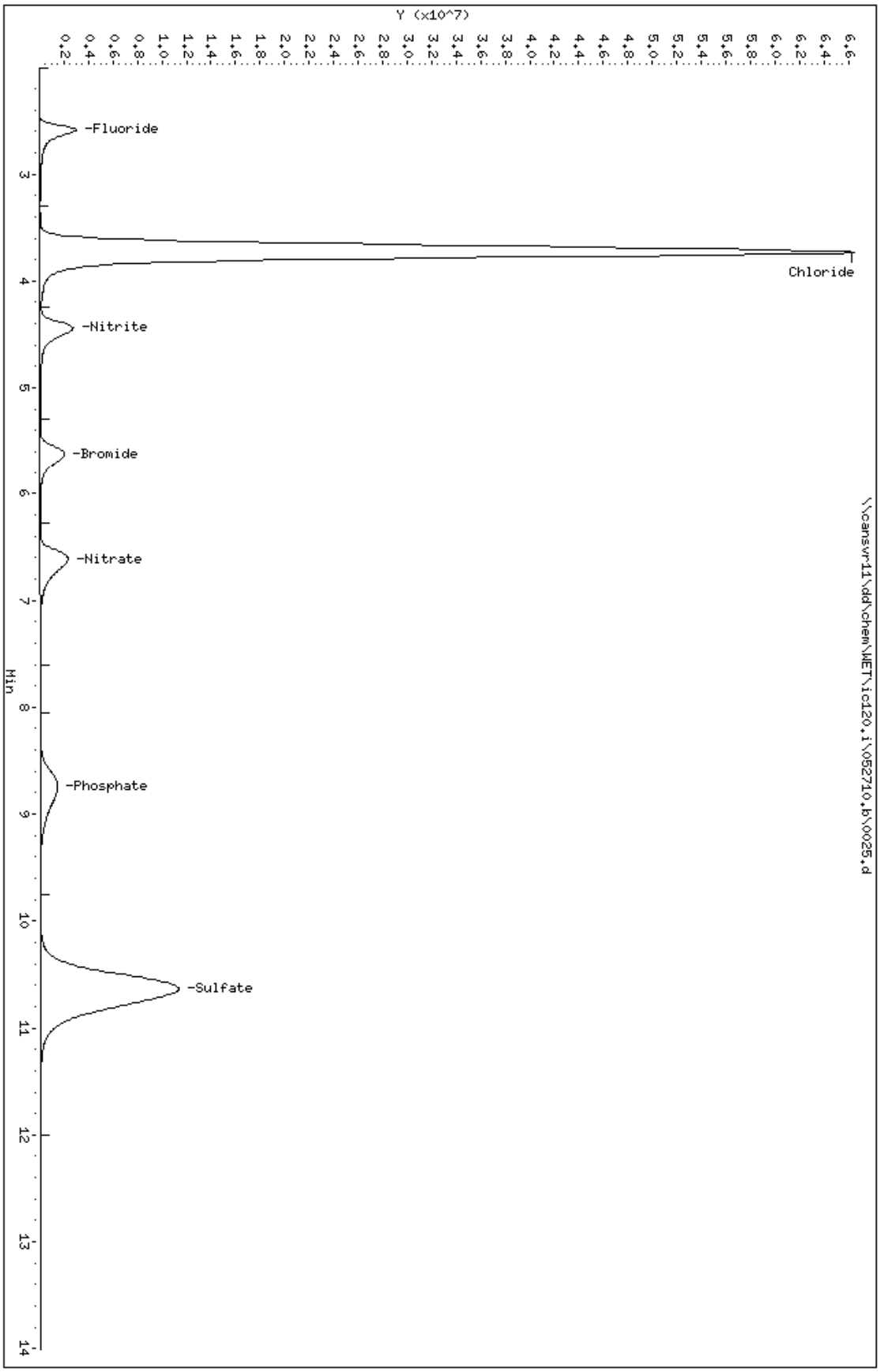
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.583	2.566	0.017	27157034	2.96919	2.969(R)
2 Chloride	3.733	3.691	0.042	527220254	68.5802	68.58(R)
3 Nitrite	4.441	4.433	0.008	32127282	2.56680	2.567
4 Bromide	5.625	5.625	0.000	25989164	9.63996	9.640
5 Nitrate	6.616	6.633	-0.017	36911285	2.49071	2.491
6 Phosphate	8.741	8.691	0.050	37827414	5.36349	5.363(R)
7 Sulfate	10.633	10.625	0.008	254988940	50.4591	50.46

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0025.d
Date : 27-MAY-2010 17:58
Client ID:
Sample Info: L15D1 MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0026.d
Report Date: 28-May-2010 11:16

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0026.d
Lab Smp Id: L13M0
Inj Date : 27-MAY-2010 18:14
Operator : 001754 Inst ID: ic120.i
Smp Info : L13M0
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

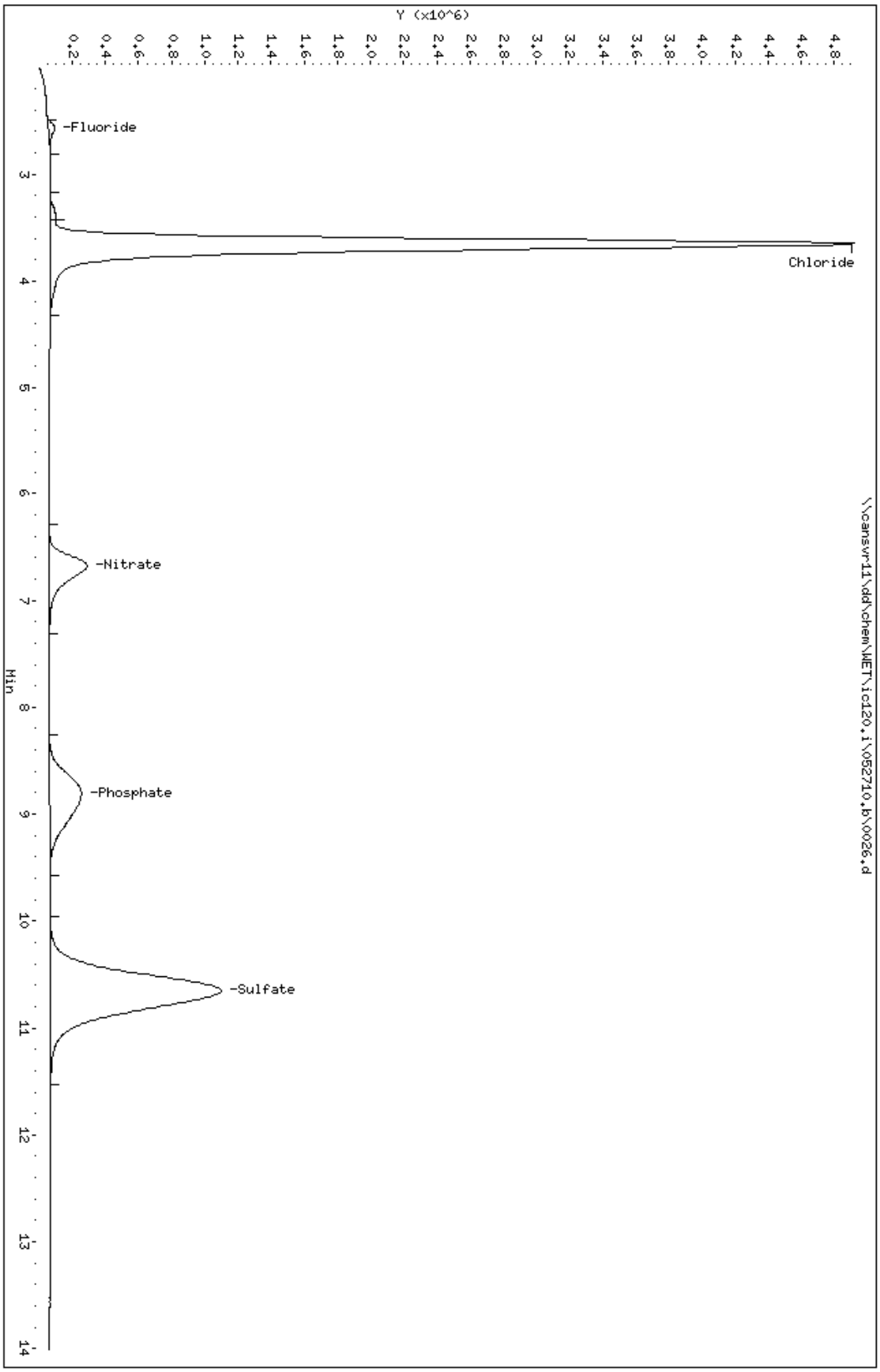
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.566	2.550	0.016	295316	0.03229	0.03229(aM)
2 Chloride	3.650	3.650	0.000	38239742	4.97418	4.974
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.675	6.433	0.242	3758179	0.25360	0.2536
6 Phosphate	8.808	8.633	0.175	5862895	0.78656	0.7866
7 Sulfate	10.650	10.575	0.075	24317948	4.81222	4.812

QC Flag Legend

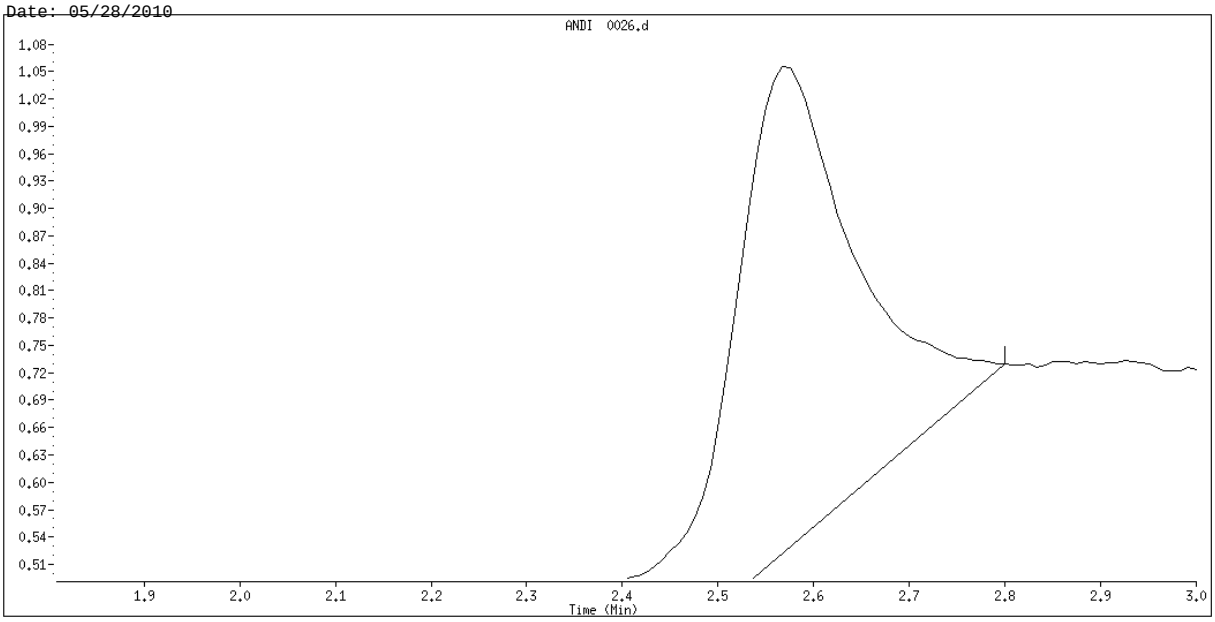
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0026.d
Date : 27-MAY-2010 18:14
Client ID:
Sample Info: L13M0
Purge Volume: 1.0
Column phase: AS14

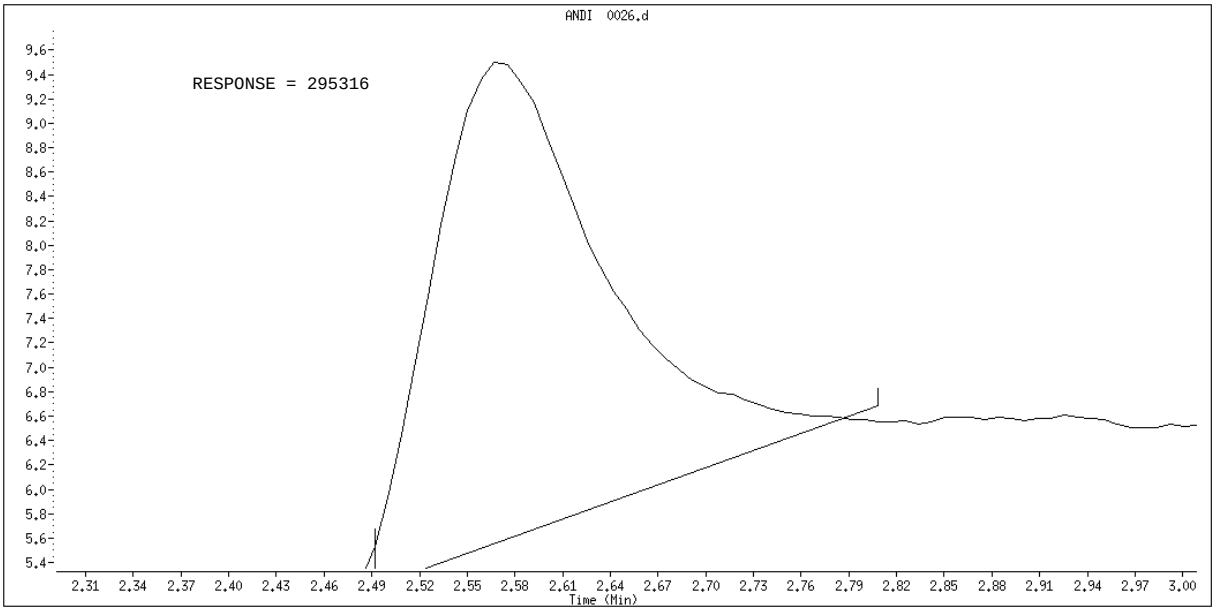
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0026.d
Inj. Date and Time: 27-MAY-2010 18:14
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0027.d
Report Date: 28-May-2010 11:16

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0027.d
Lab Smp Id: L13M1
Inj Date : 27-MAY-2010 18:31
Operator : 001754 Inst ID: ic120.i
Smp Info : L13M1
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

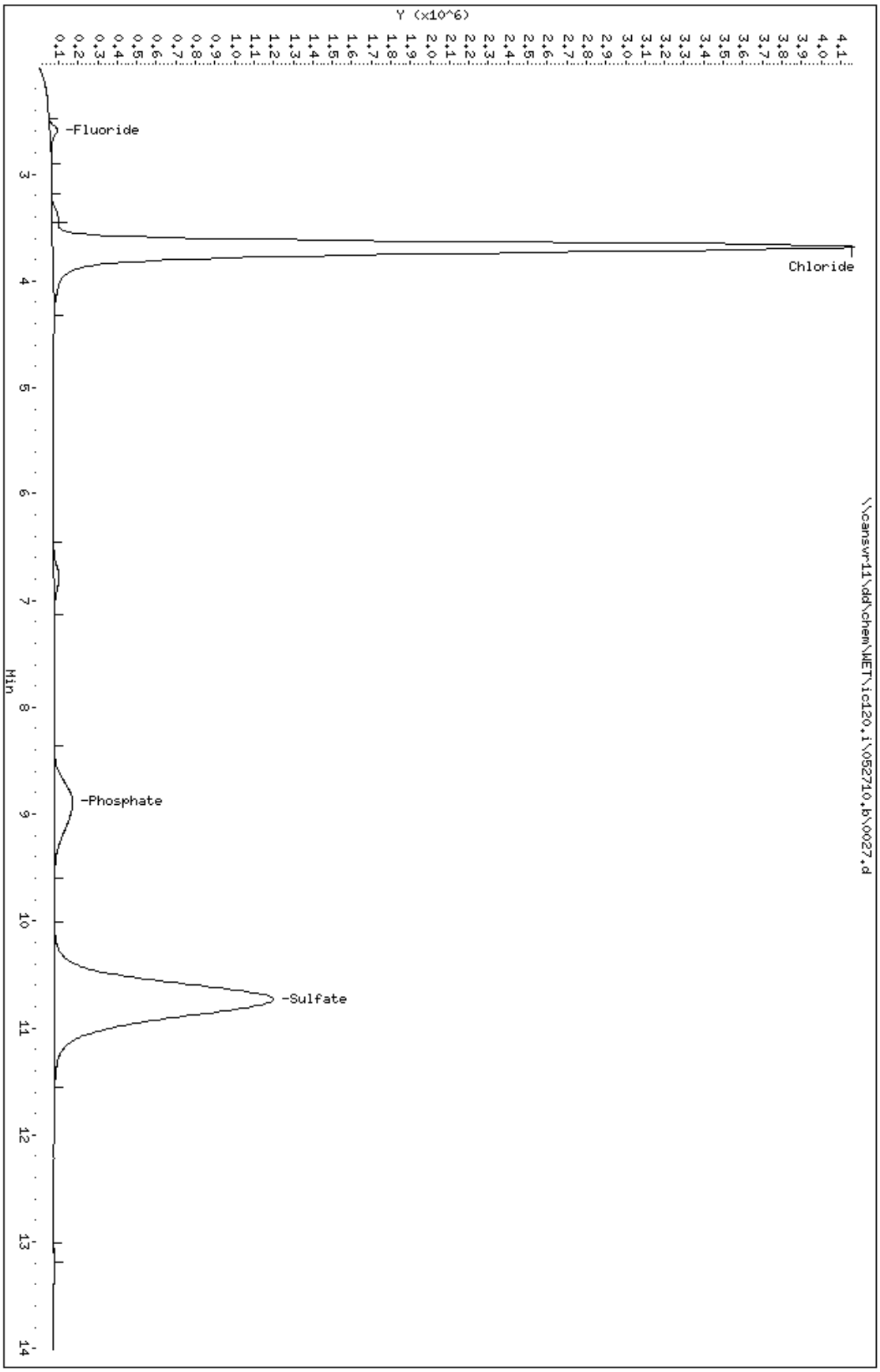
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	324281	0.03546	0.03546(aM)
2 Chloride	3.683	3.650	0.033	32609324	4.24178	4.242
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.883	8.633	0.250	2872703	0.35840	0.3584
7 Sulfate	10.733	10.575	0.158	26258242	5.19618	5.196

QC Flag Legend

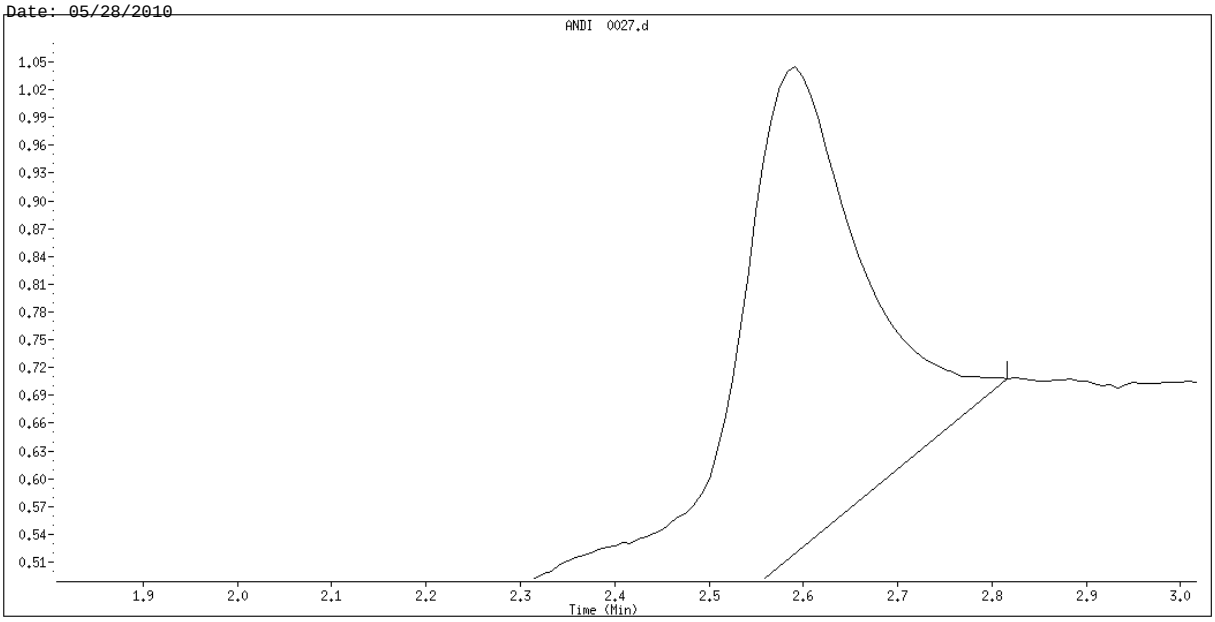
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0027.d
Date : 27-MAY-2010 18:31
Client ID:
Sample Info: L13M1
Purge Volume: 1.0
Column phase: AS14

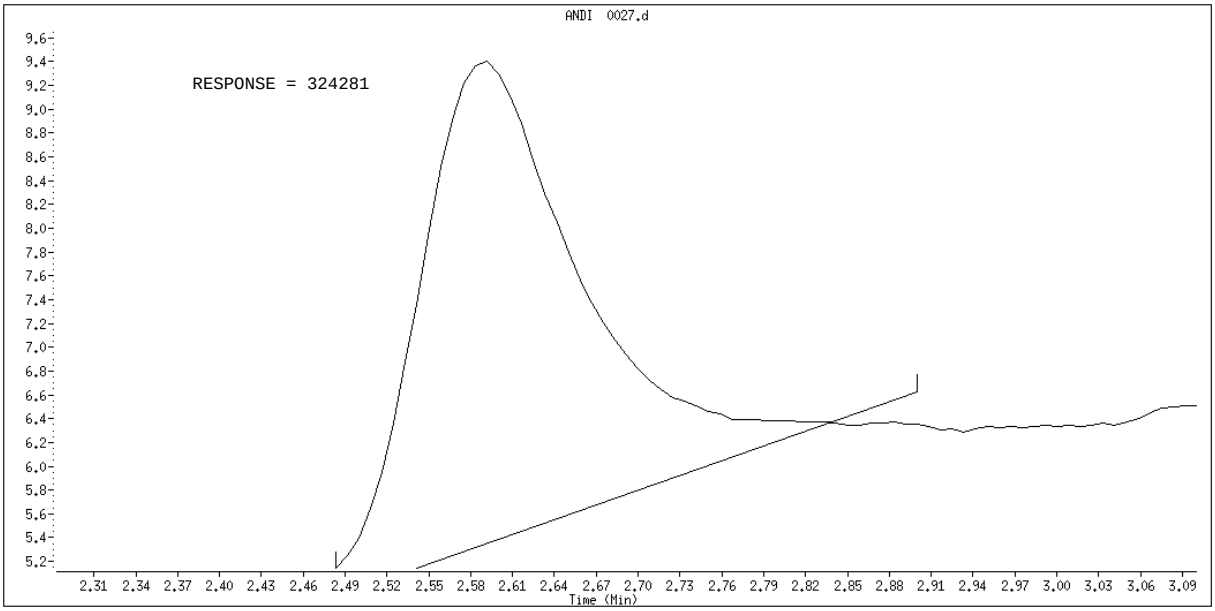
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0027.d
Inj. Date and Time: 27-MAY-2010 18:31
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0028.d
Report Date: 28-May-2010 11:16

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0028.d
Lab Smp Id: L13M2
Inj Date : 27-MAY-2010 18:47
Operator : 001754 Inst ID: ic120.i
Smp Info : L13M2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

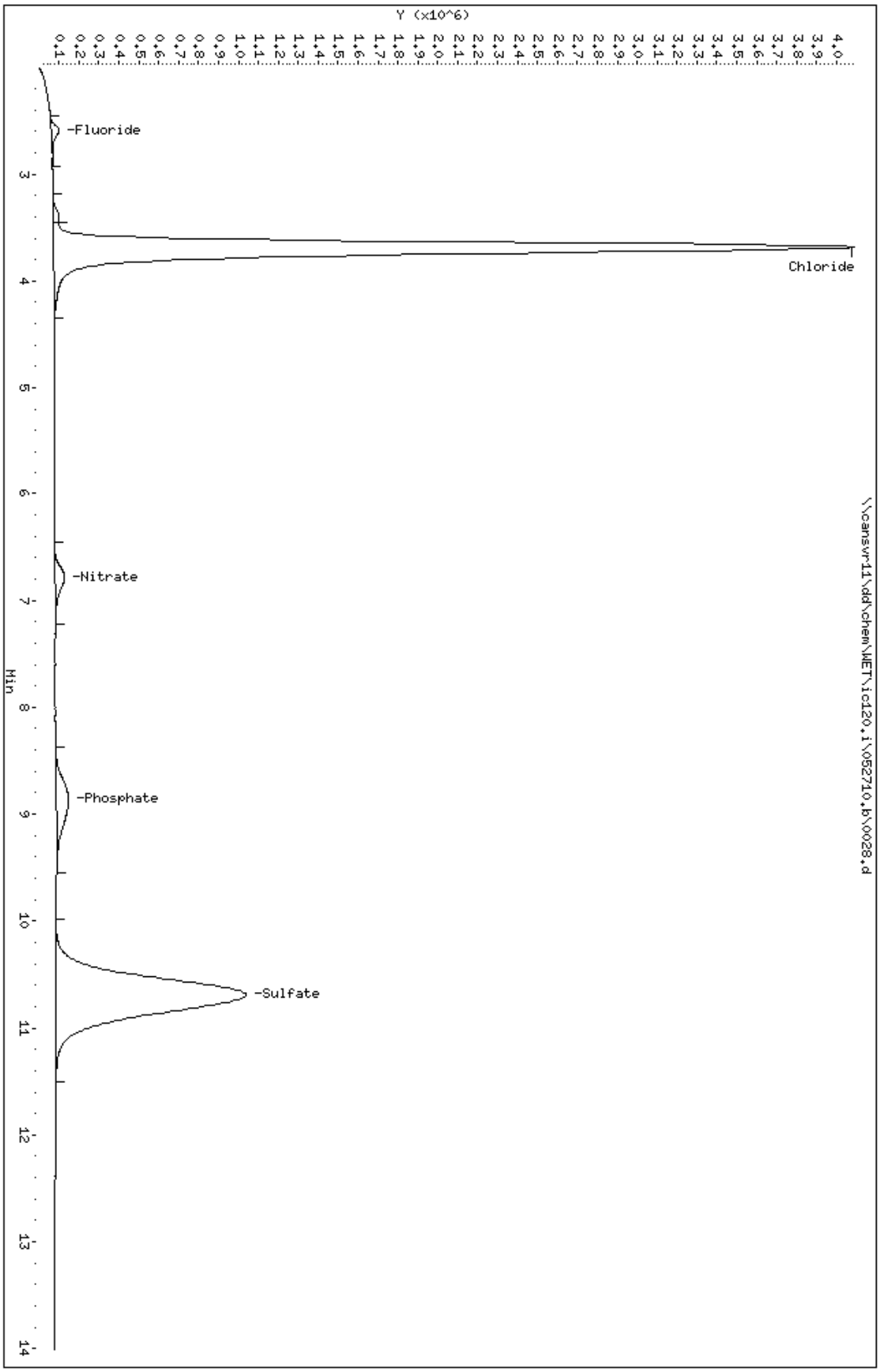
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	286275	0.03130	0.03130(aM)
2 Chloride	3.683	3.650	0.033	31979131	4.15981	4.160
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.783	6.433	0.350	787357	0.05313	0.05313(a)
6 Phosphate	8.858	8.633	0.225	1846824	0.21150	0.2115
7 Sulfate	10.691	10.575	0.116	22229795	4.39900	4.399

QC Flag Legend

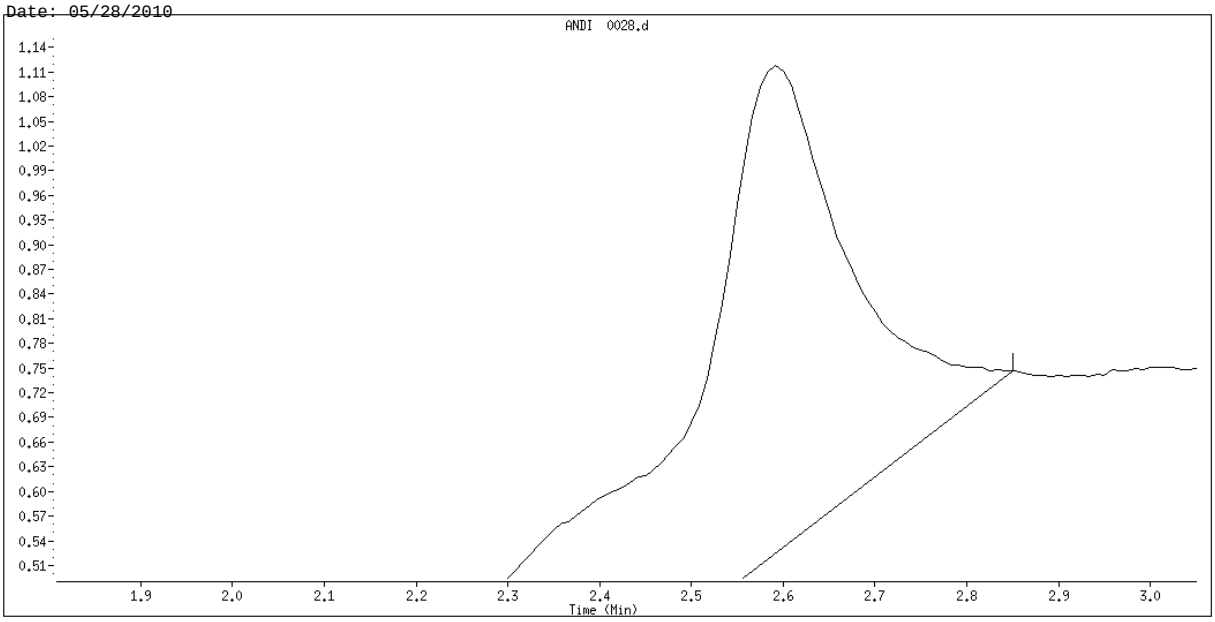
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0028.d
Date : 27-MAY-2010 18:47
Client ID:
Sample Info: L13N2
Purge Volume: 1.0
Column phase: AS14

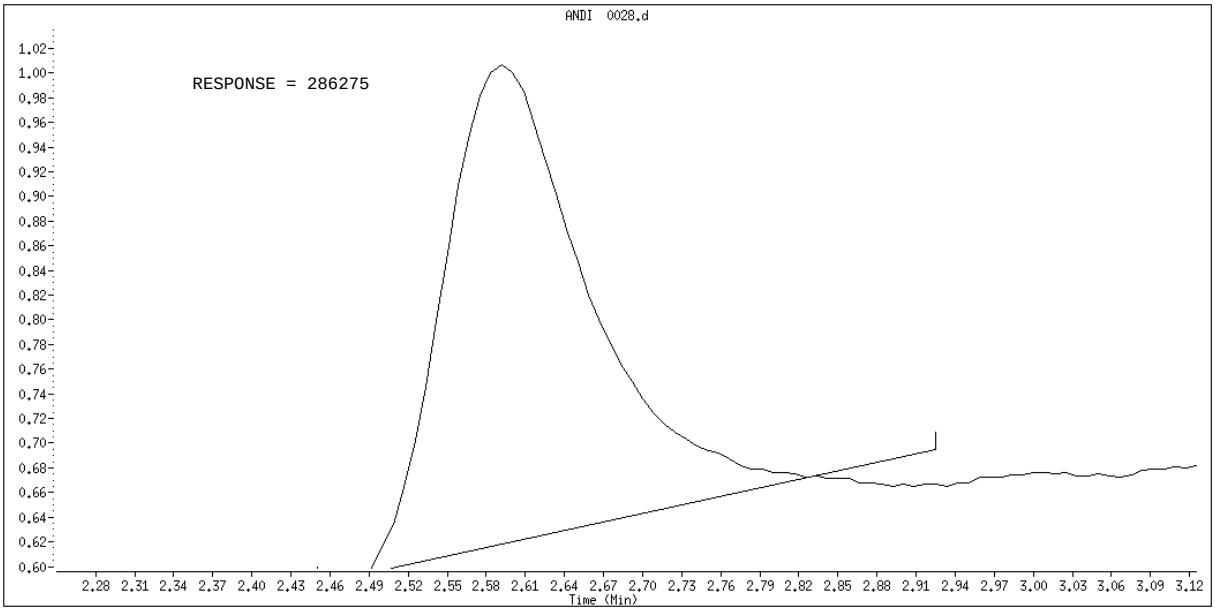
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0028.d
Inj. Date and Time: 27-MAY-2010 18:47
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0029.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 27-MAY-2010 19:03
Lab File ID: 0029.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	8894688	8894688	0.010	2.75058	10.00000	Averaged
2 Chloride	7687643	7990099	7990099	0.010	-3.93432	10.00000	Averaged
3 Nitrite	12516496	12242785	12242785	0.010	2.18680	10.00000	Averaged
4 Bromide	2695983	2589843	2589843	0.010	3.93694	10.00000	Averaged
5 Nitrate	14819560	14563780	14563780	0.010	1.72597	10.00000	Averaged
6 Phosphate	2.50000	2.48614	7093001	0.010	0.55439	10.00000	Linear
7 Sulfate	5053378	4897393	4897393	0.010	3.08675	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0029.d
Report Date: 28-May-2010 11:14

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ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0029.d
Lab Smp Id: CCV
Inj Date : 27-MAY-2010 19:03
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

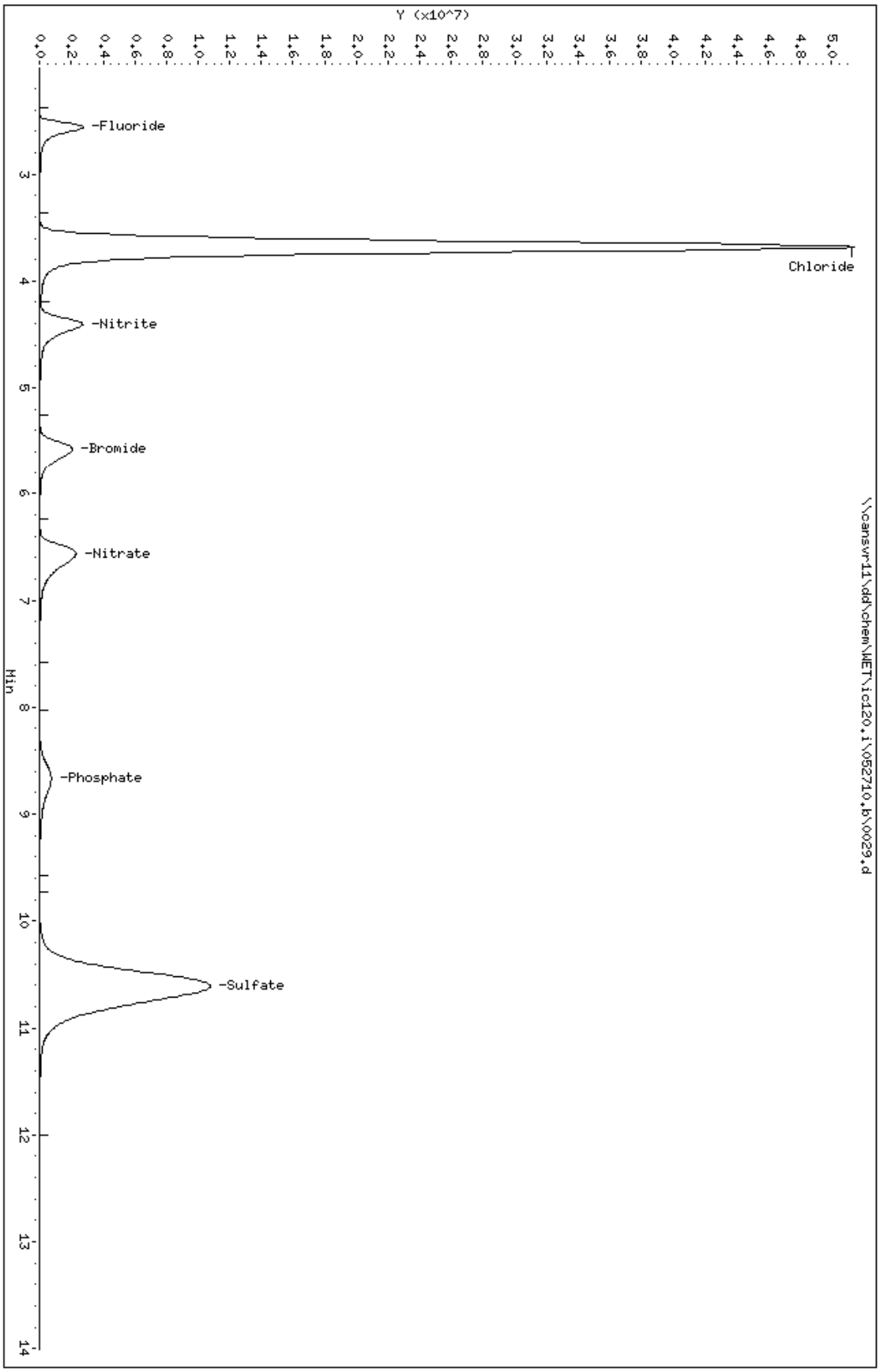
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.558	2.558	0.000	22236719	2.50000	2.431
2 Chloride	3.683	3.683	0.000	399504953	50.0000	51.97
3 Nitrite	4.408	4.408	0.000	30606962	2.50000	2.445
4 Bromide	5.575	5.575	0.000	25898434	10.0000	9.606
5 Nitrate	6.566	6.566	0.000	36409449	2.50000	2.457
6 Phosphate	8.666	8.666	0.000	17732502	2.50000	2.486
7 Sulfate	10.608	10.608	0.000	244869647	50.0000	48.46

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0029.d
Date : 27-MAY-2010 19:03
Client ID:
Sample Info: CCV,2
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0030.d
Report Date: 02-Jun-2010 16:19

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0030.d
Lab Smp Id: CCB
Inj Date : 27-MAY-2010 19:20
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 01-Jun-2010 14:35 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

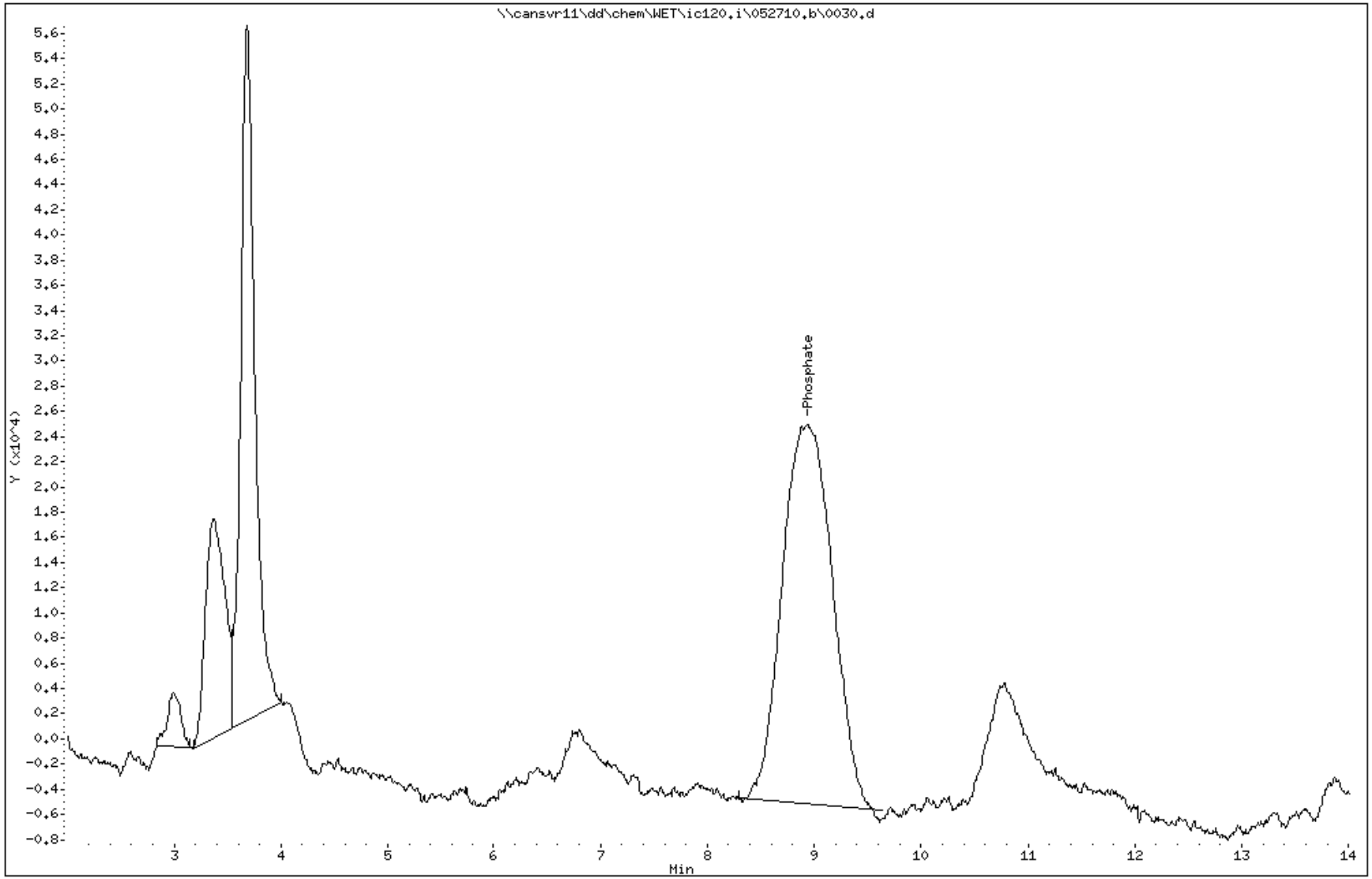
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.941	8.633	0.308	979898	0.08737	0.08737(M)
7 Sulfate	Compound Not Detected.					

QC Flag Legend

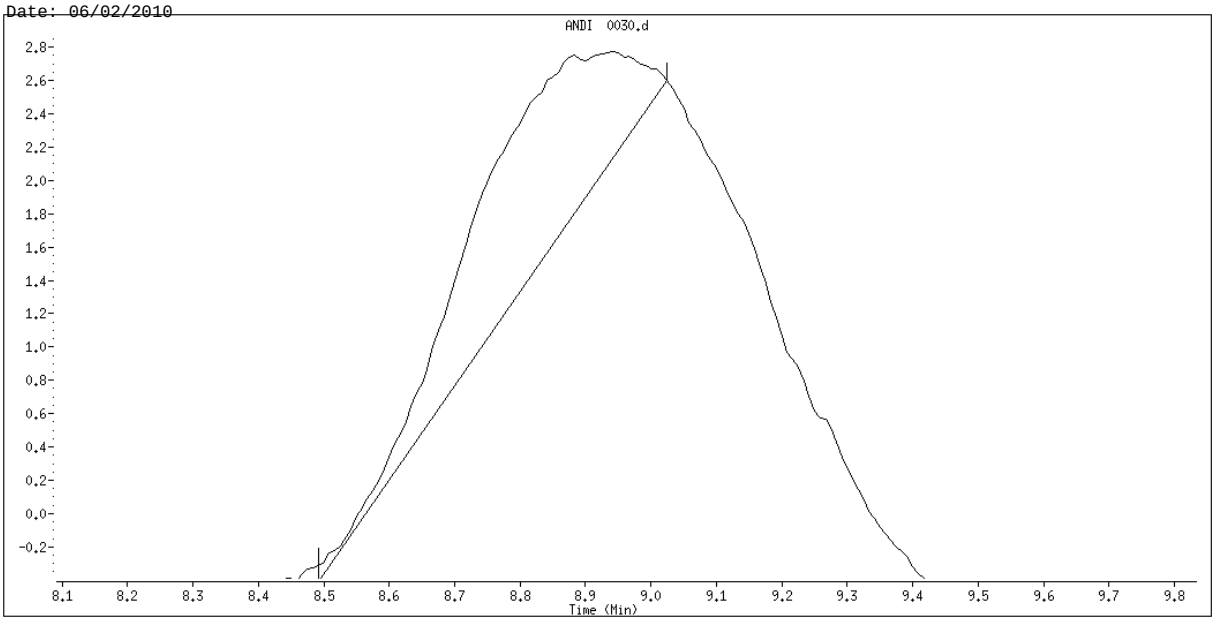
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0030.d
Date : 27-MAY-2010 19:20
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14

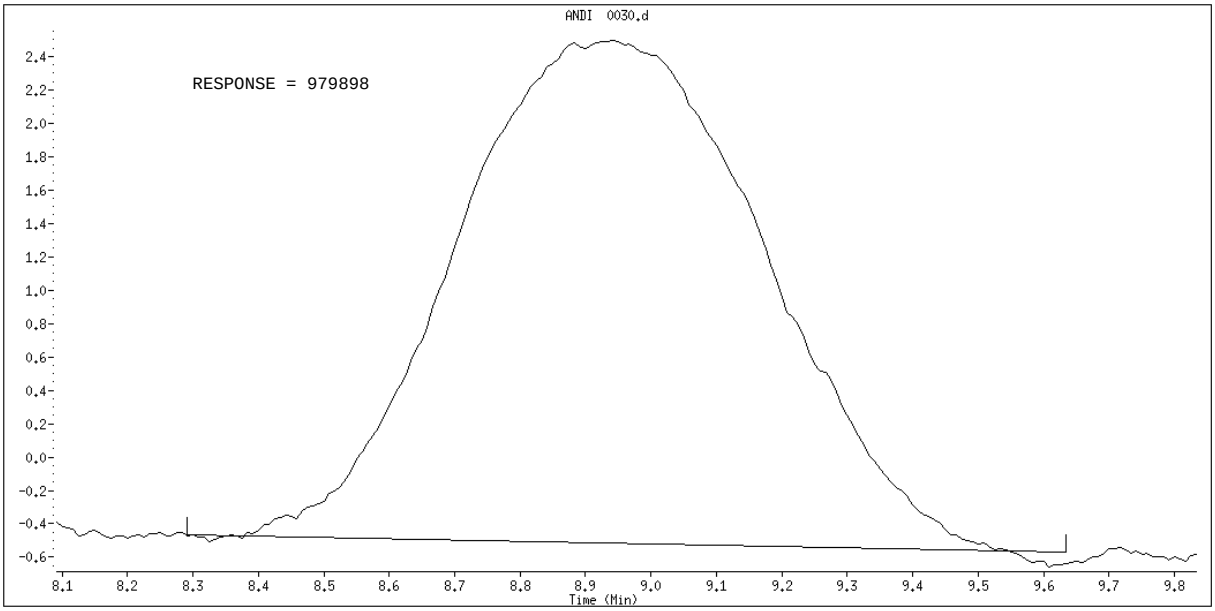
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0030.d
Inj. Date and Time: 27-MAY-2010 19:20
Instrument ID: ic120.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: colono
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0031.d
Report Date: 28-May-2010 11:17

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0031.d
Lab Smp Id: L13M3
Inj Date : 27-MAY-2010 19:36
Operator : 001754 Inst ID: ic120.i
Smp Info : L13M3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

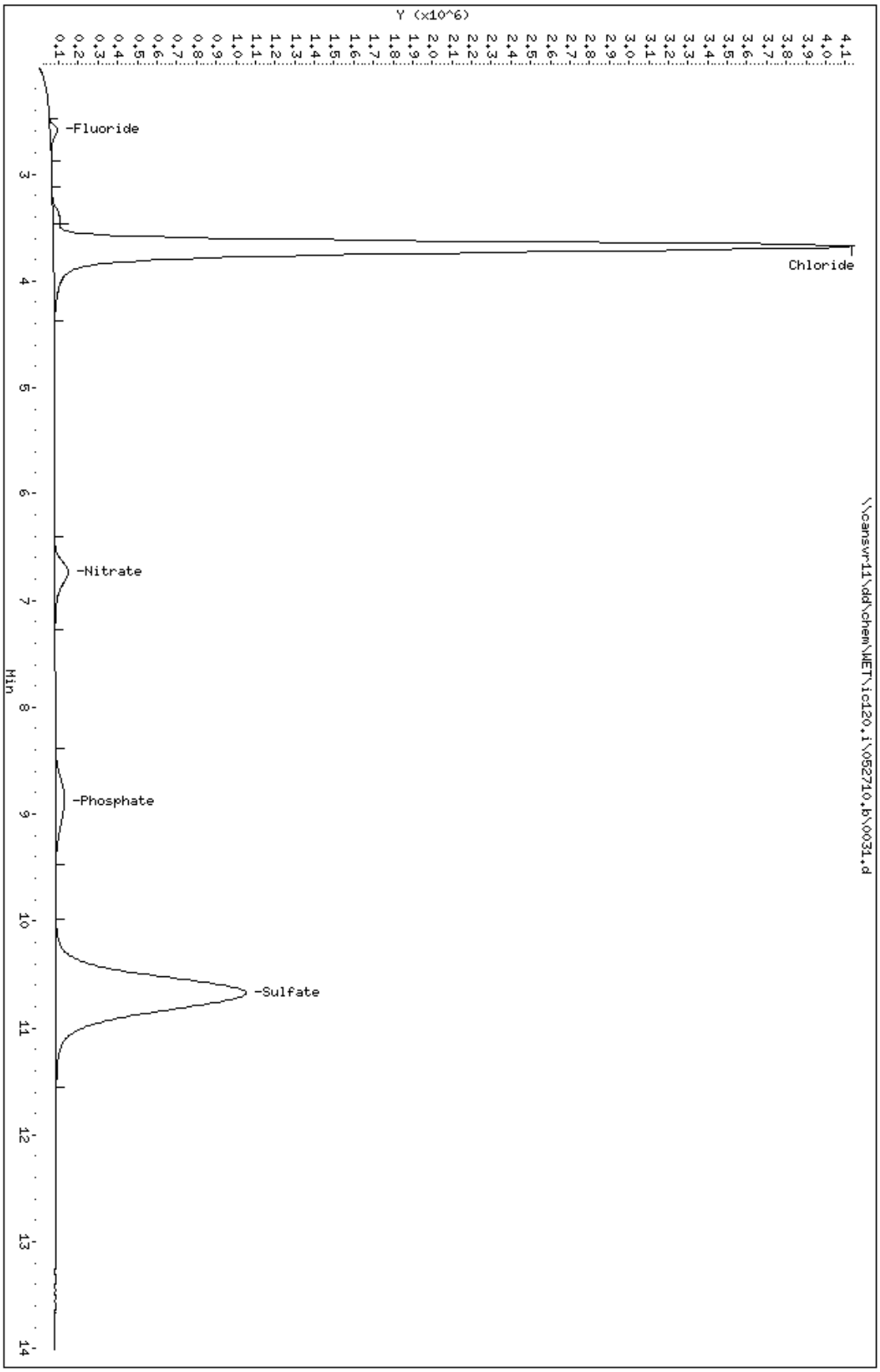
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.583	2.550	0.033	284894	0.03115	0.03115(aM)
2 Chloride	3.675	3.650	0.025	32208377	4.18963	4.190
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.733	6.433	0.300	1148191	0.07748	0.07748(a)
6 Phosphate	8.883	8.633	0.250	1290803	0.13189	0.1319
7 Sulfate	10.675	10.575	0.100	22479276	4.44837	4.448

QC Flag Legend

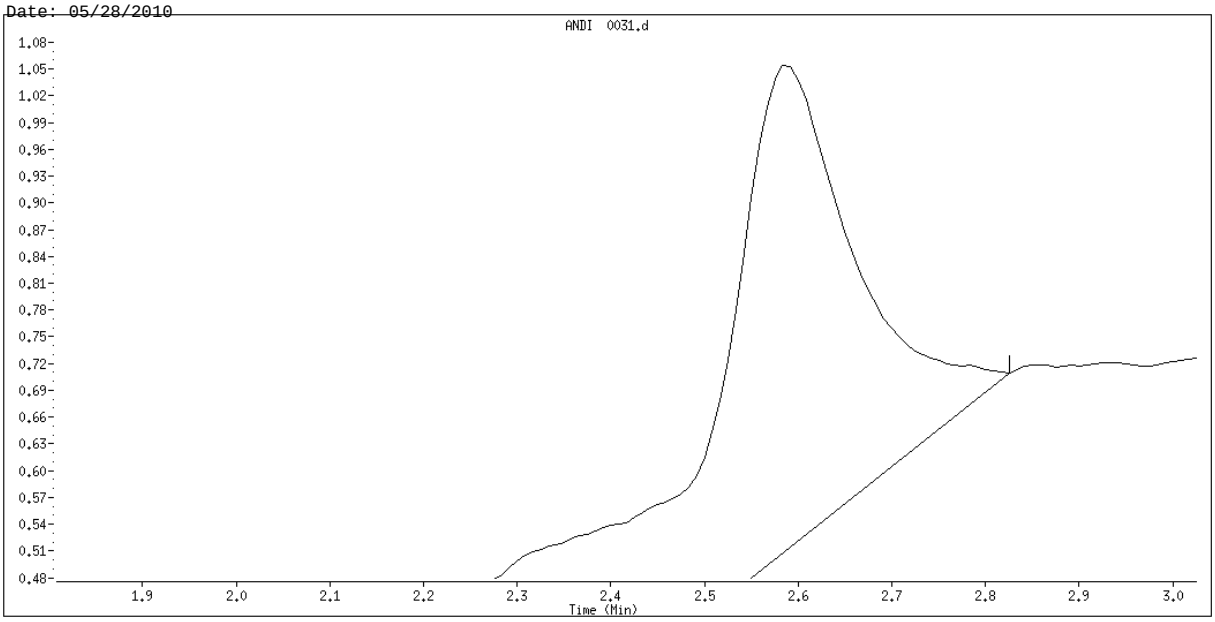
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0031.d
Date : 27-MAY-2010 19:36
Client ID:
Sample Info: L13N3
Purge Volume: 1.0
Column Phase: AS14

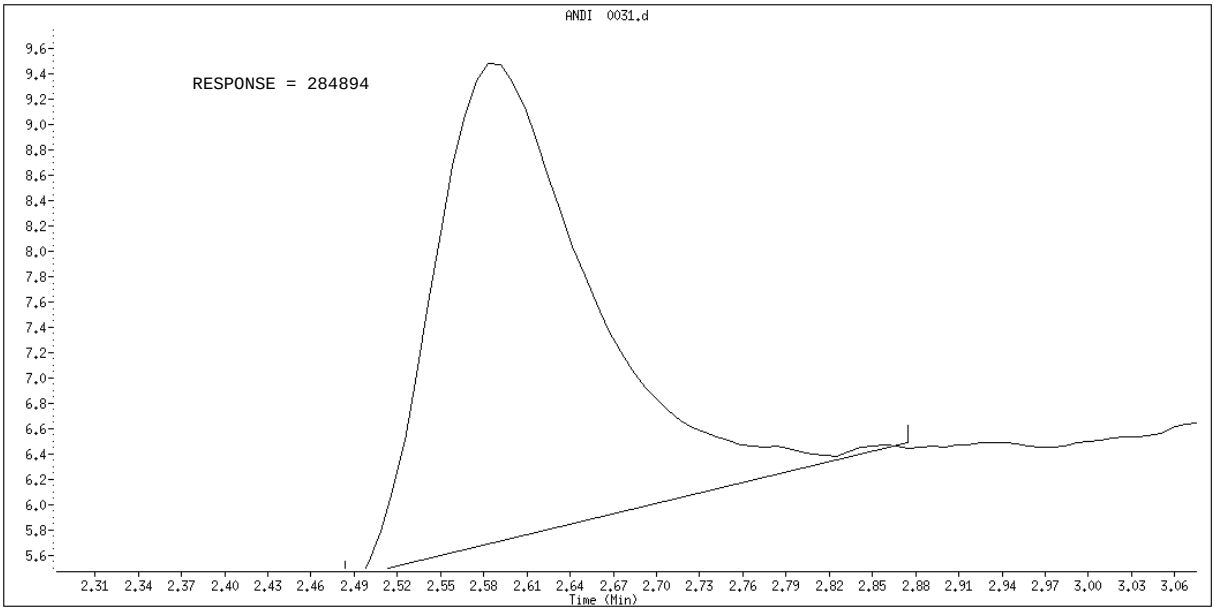
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0031.d
Inj. Date and Time: 27-MAY-2010 19:36
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0032.d
Report Date: 28-May-2010 11:17

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ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0032.d
Lab Smp Id: L13M4
Inj Date : 27-MAY-2010 19:53
Operator : 001754 Inst ID: ic120.i
Smp Info : L13M4
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

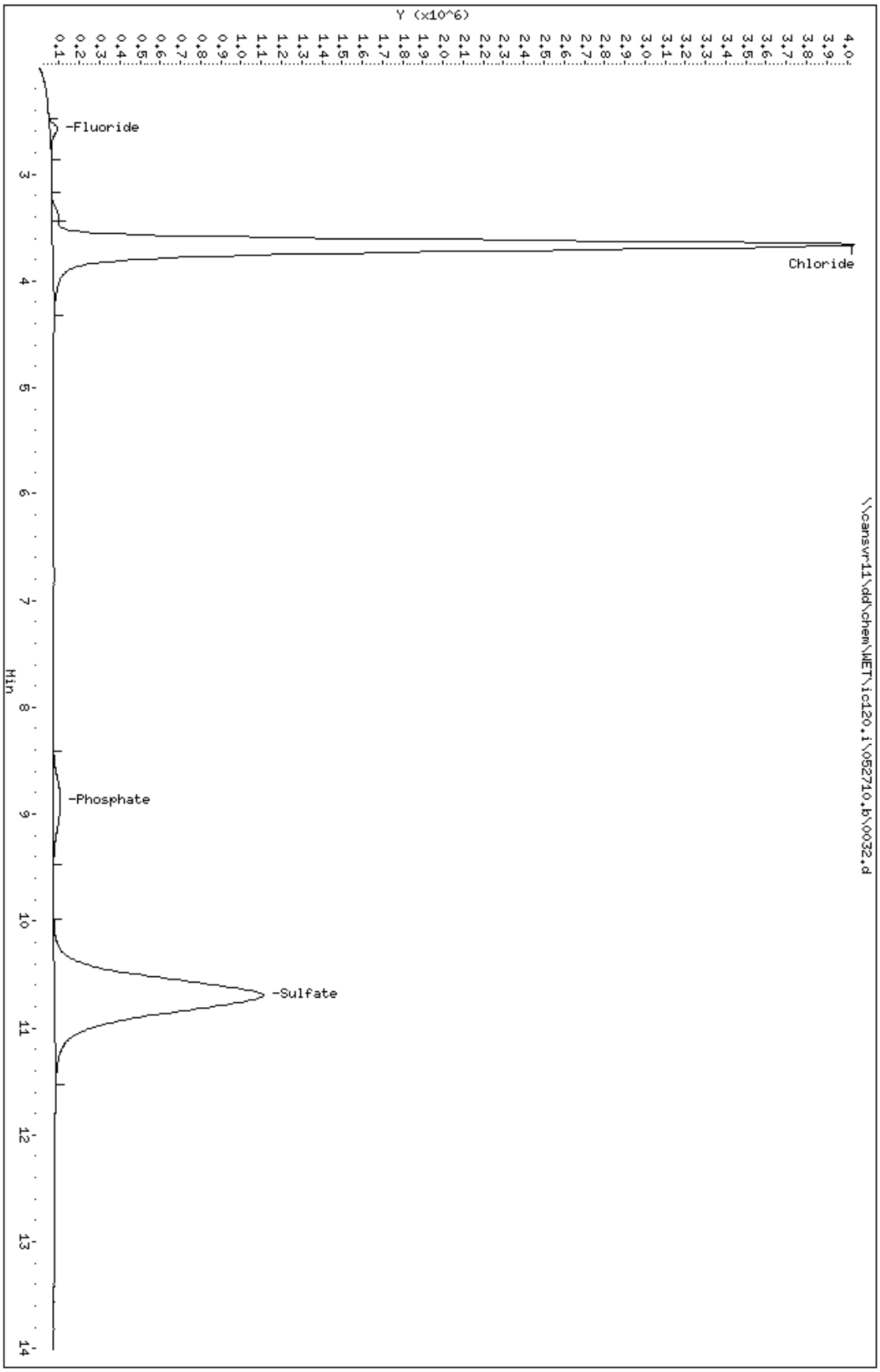
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.575	2.550	0.025	254897	0.02787	0.02787(aM)
2 Chloride	3.658	3.650	0.008	31619221	4.11299	4.113
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.875	8.633	0.242	1040406	0.09603	0.09603
7 Sulfate	10.691	10.575	0.116	23800345	4.70979	4.710

QC Flag Legend

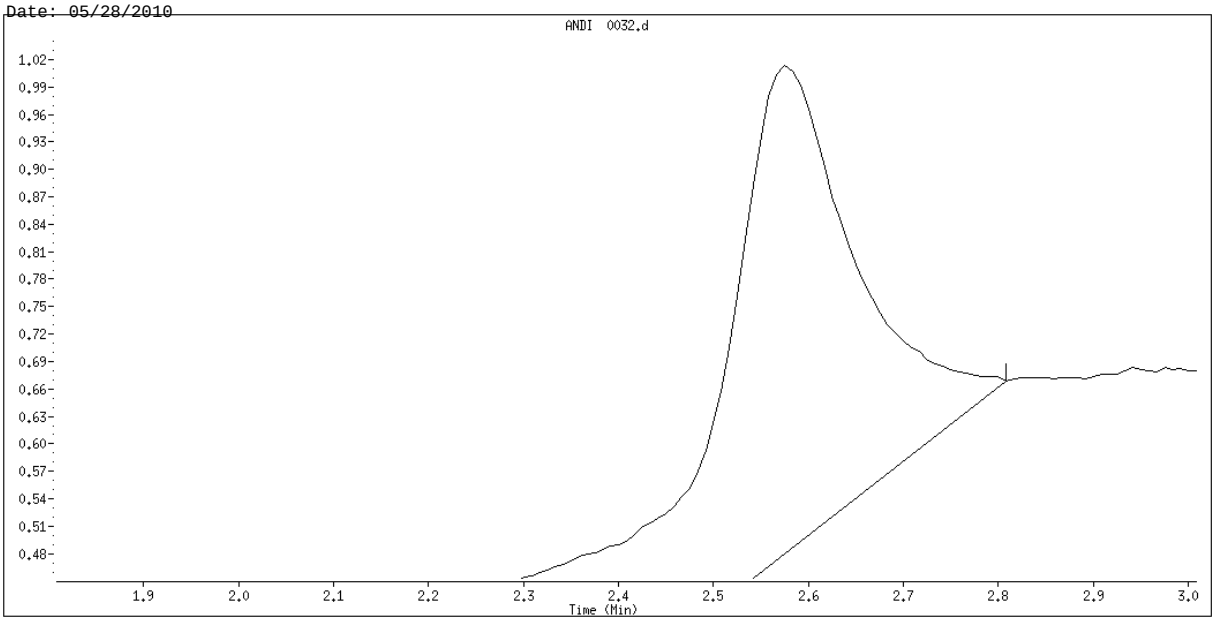
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0032.d
Date : 27-MAY-2010 19:53
Client ID:
Sample Info: L13N4
Purge Volume: 1.0
Column phase: AS14

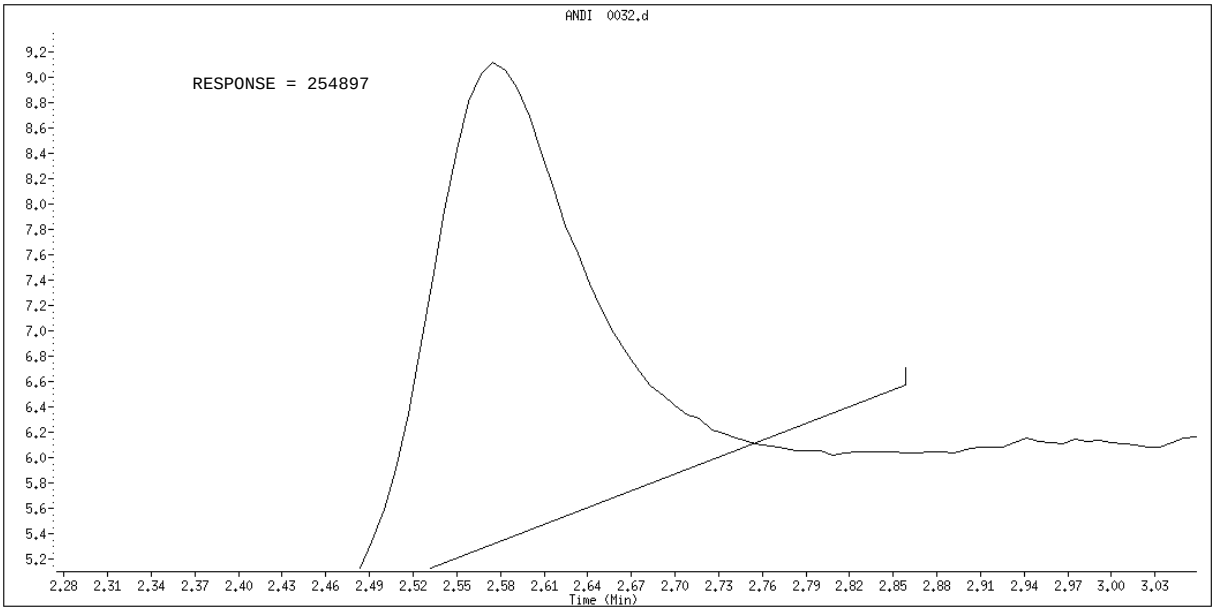
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0032.d
Inj. Date and Time: 27-MAY-2010 19:53
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0033.d
Report Date: 28-May-2010 11:17

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0033.d
Lab Smp Id: L13M5
Inj Date : 27-MAY-2010 20:09
Operator : 001754 Inst ID: ic120.i
Smp Info : L13M5
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

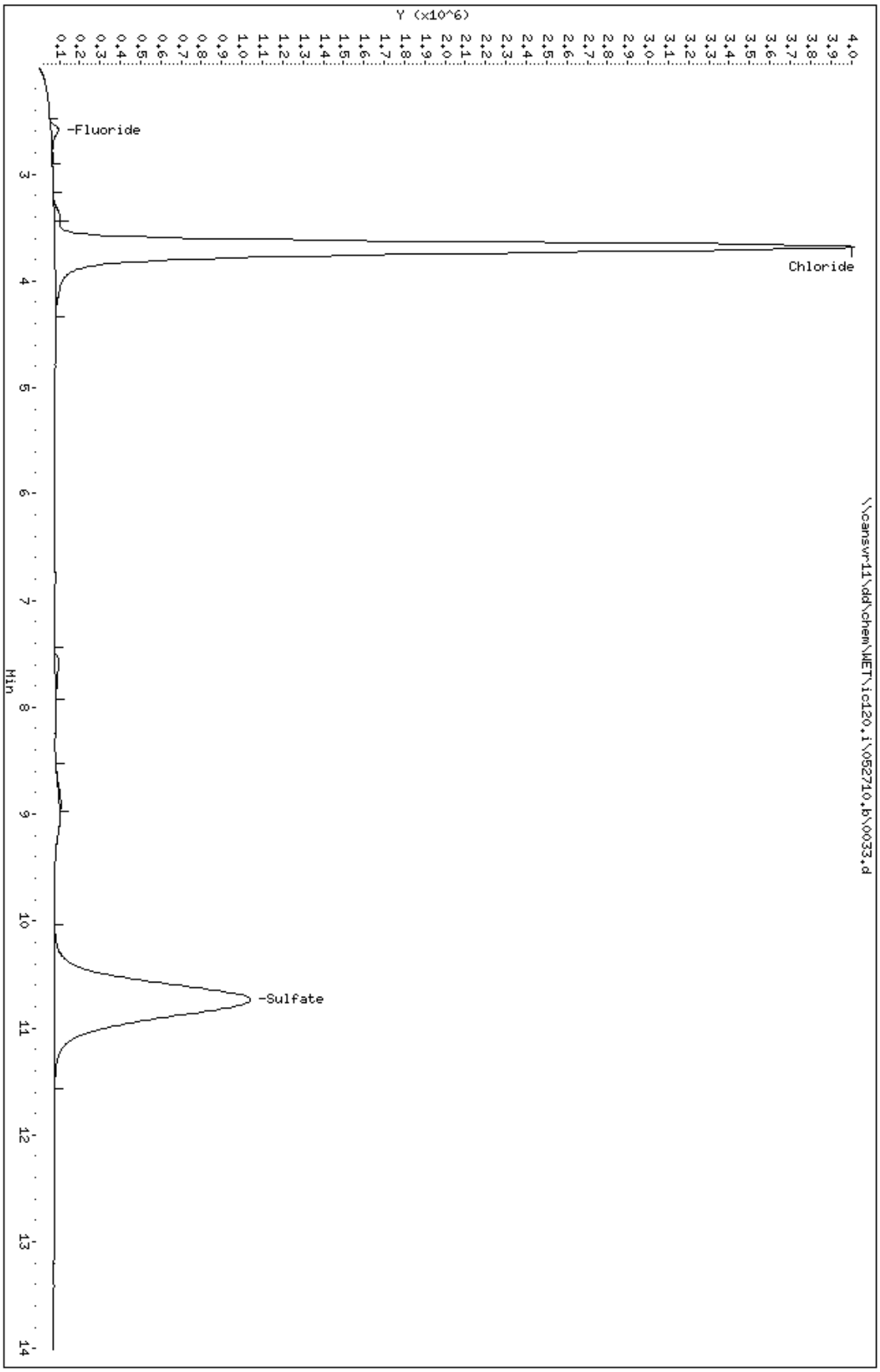
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	281468	0.03077	0.03077(aM)
2 Chloride	3.683	3.650	0.033	31436177	4.08918	4.089
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.733	10.575	0.158	22498979	4.45227	4.452

QC Flag Legend

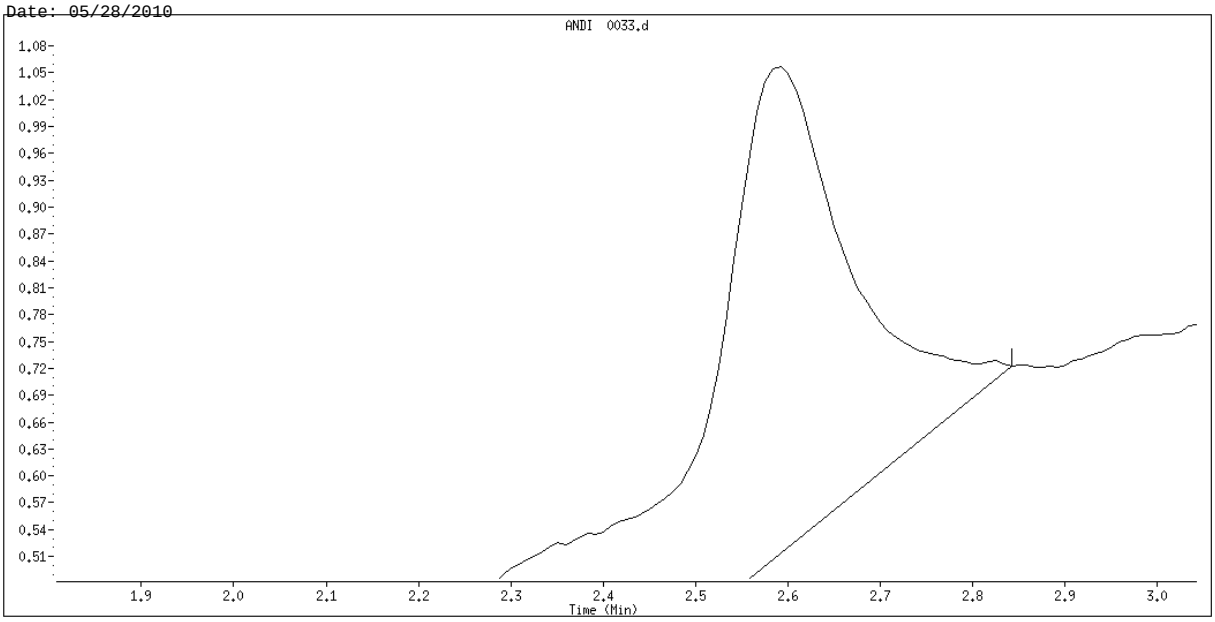
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0033.d
Date : 27-MAY-2010 20:09
Client ID:
Sample Info: L13M5
Purge Volume: 1.0
Column phase: AS14

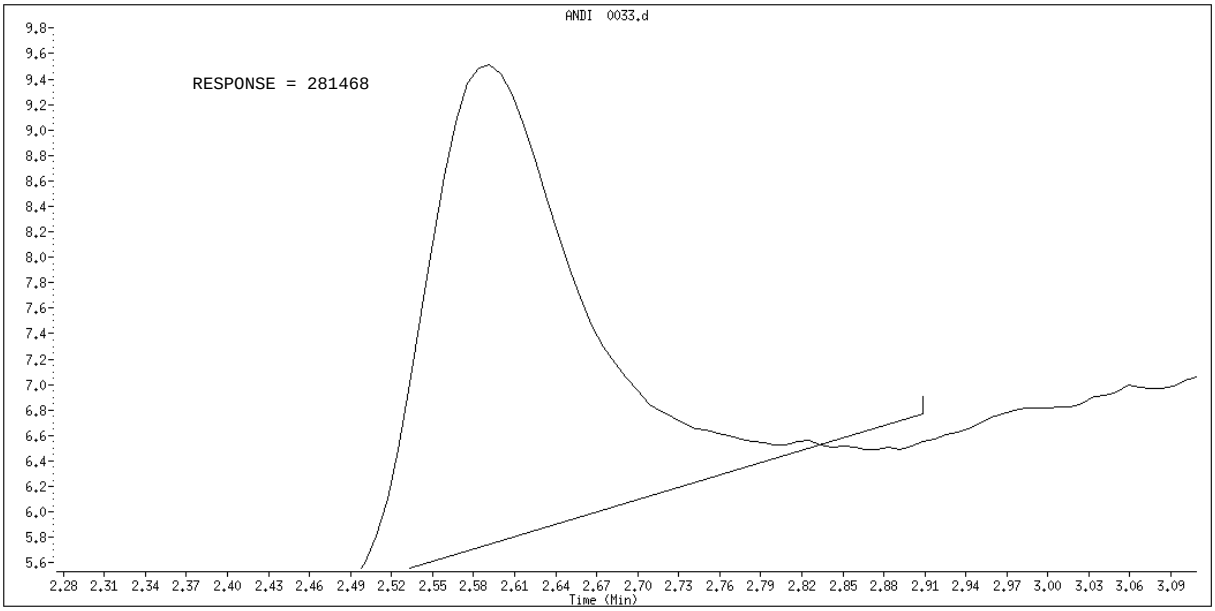
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0033.d
Inj. Date and Time: 27-MAY-2010 20:09
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0034.d
Report Date: 28-May-2010 11:17

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0034.d
Lab Smp Id: L13M7
Inj Date : 27-MAY-2010 20:25
Operator : 001754 Inst ID: ic120.i
Smp Info : L13M7
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

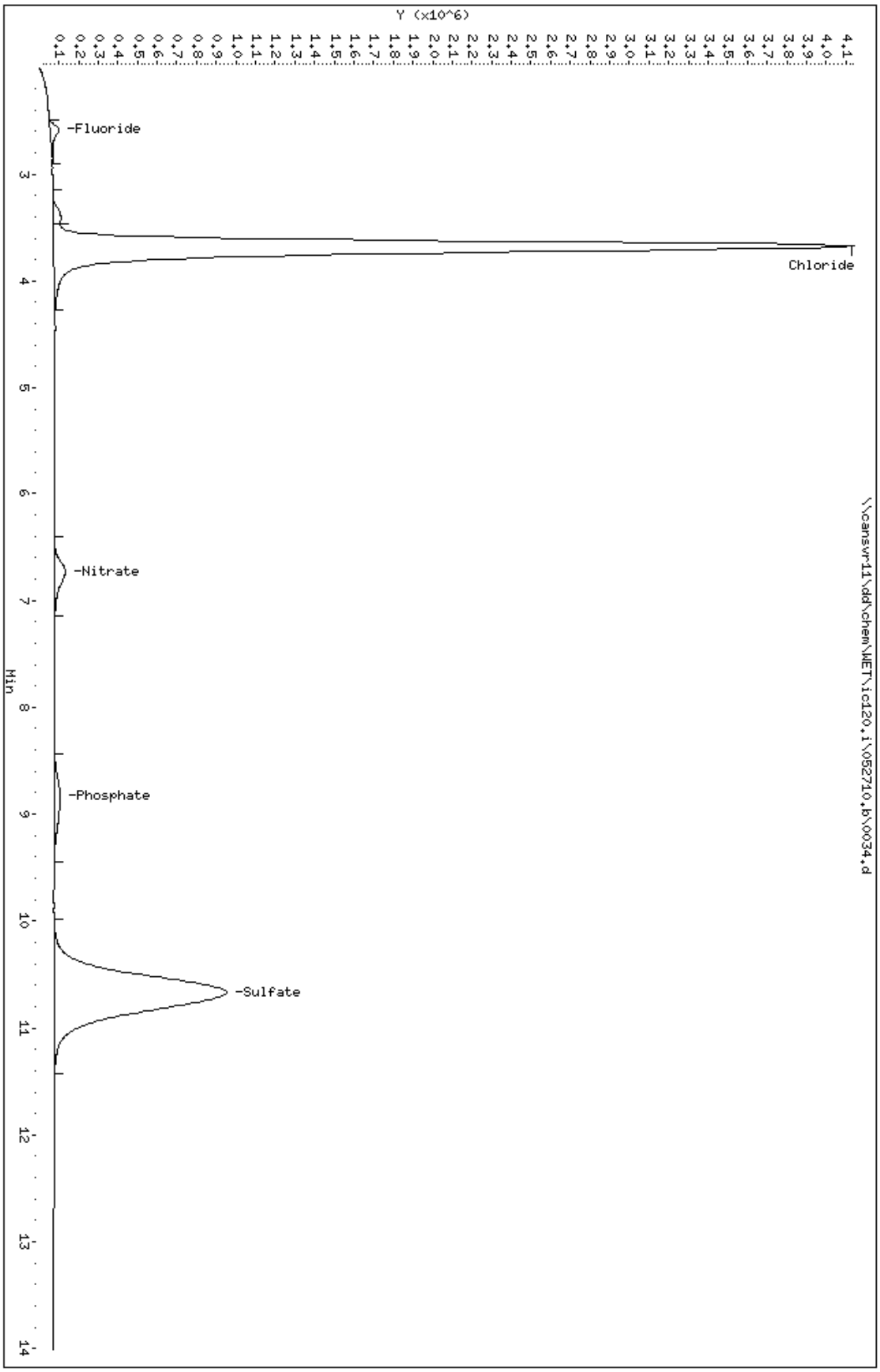
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.583	2.550	0.033	340286	0.03720	0.03720(aM)
2 Chloride	3.675	3.650	0.025	31983546	4.16038	4.160
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.733	6.433	0.300	871049	0.05878	0.05878(a)
6 Phosphate	8.833	8.633	0.200	849784	0.06874	0.06874
7 Sulfate	10.666	10.575	0.091	20336312	4.02430	4.024

QC Flag Legend

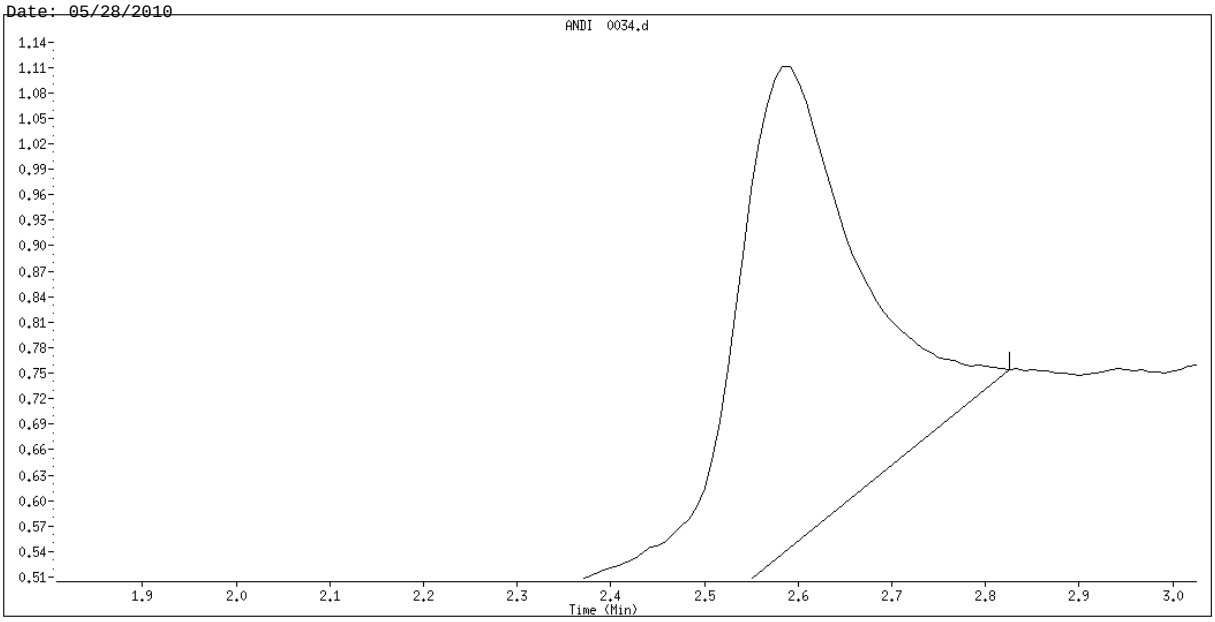
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0034.d
Date : 27-MAY-2010 20:25
Client ID:
Sample Info: L13W7
Purge Volume: 1.0
Column phase: AS14

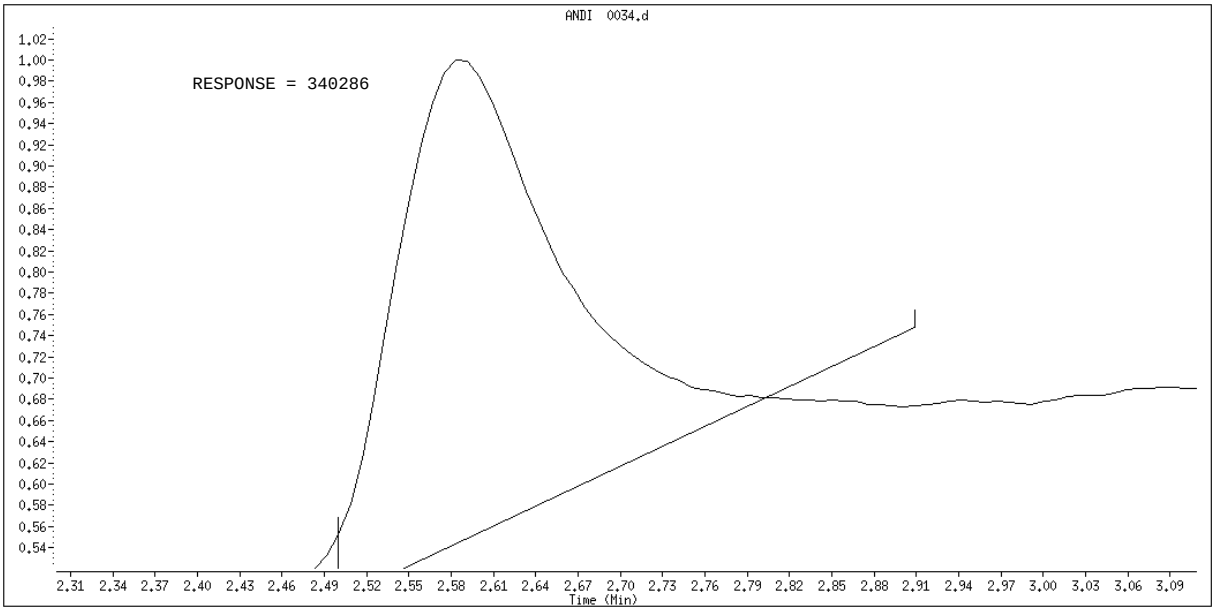
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0034.d
Inj. Date and Time: 27-MAY-2010 20:25
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0035.d
Report Date: 28-May-2010 11:18

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0035.d
Lab Smp Id: L13M8
Inj Date : 27-MAY-2010 20:42
Operator : 001754 Inst ID: ic120.i
Smp Info : L13M8
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

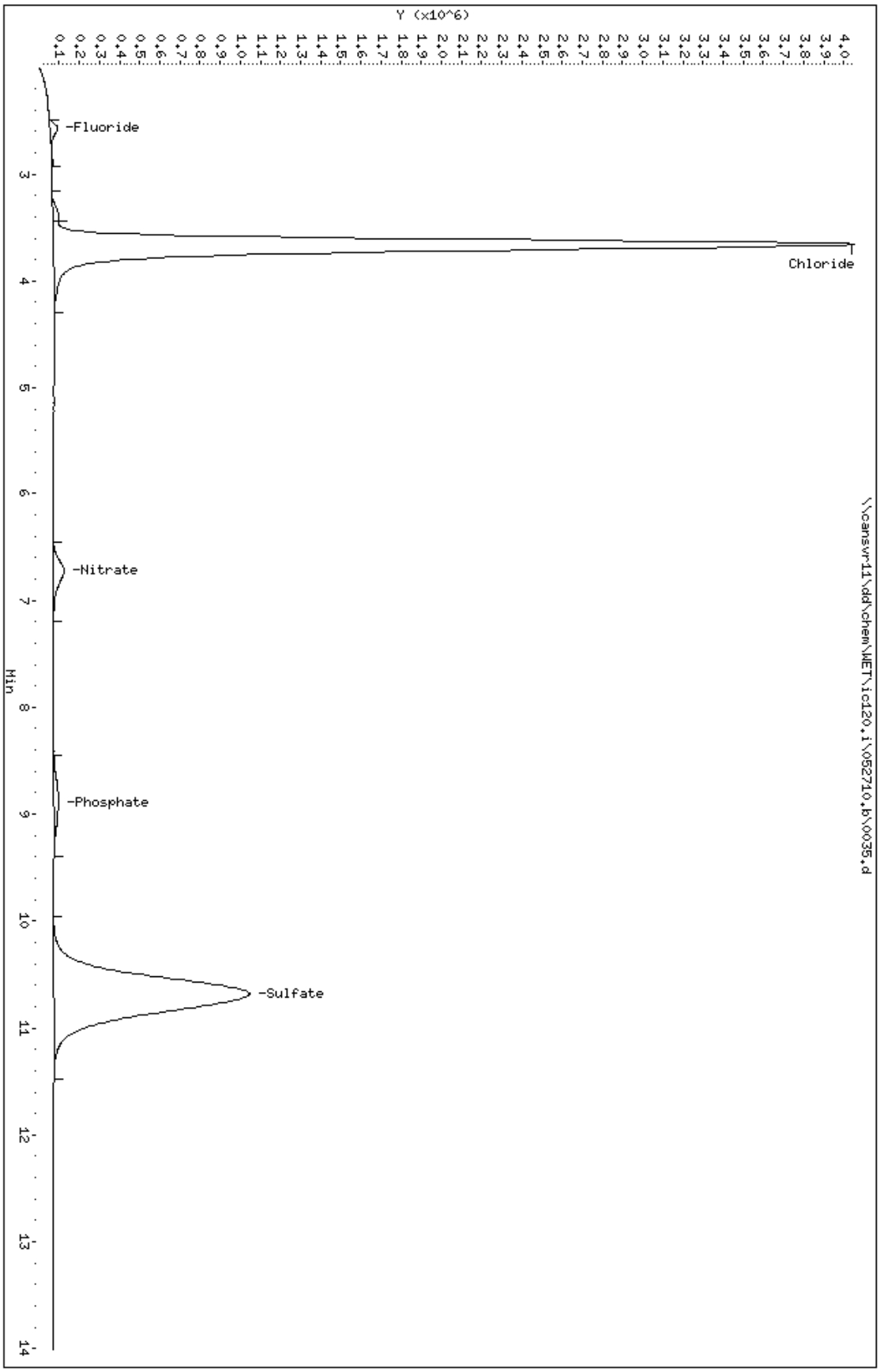
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.575	2.550	0.025	256364	0.02803	0.02803(aM)
2 Chloride	3.658	3.650	0.008	31488682	4.09601	4.096
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.725	6.433	0.292	822854	0.05552	0.05552(a)
6 Phosphate	8.891	8.633	0.258	664397	0.04219	0.04219(a)
7 Sulfate	10.683	10.575	0.108	22723689	4.49673	4.497

QC Flag Legend

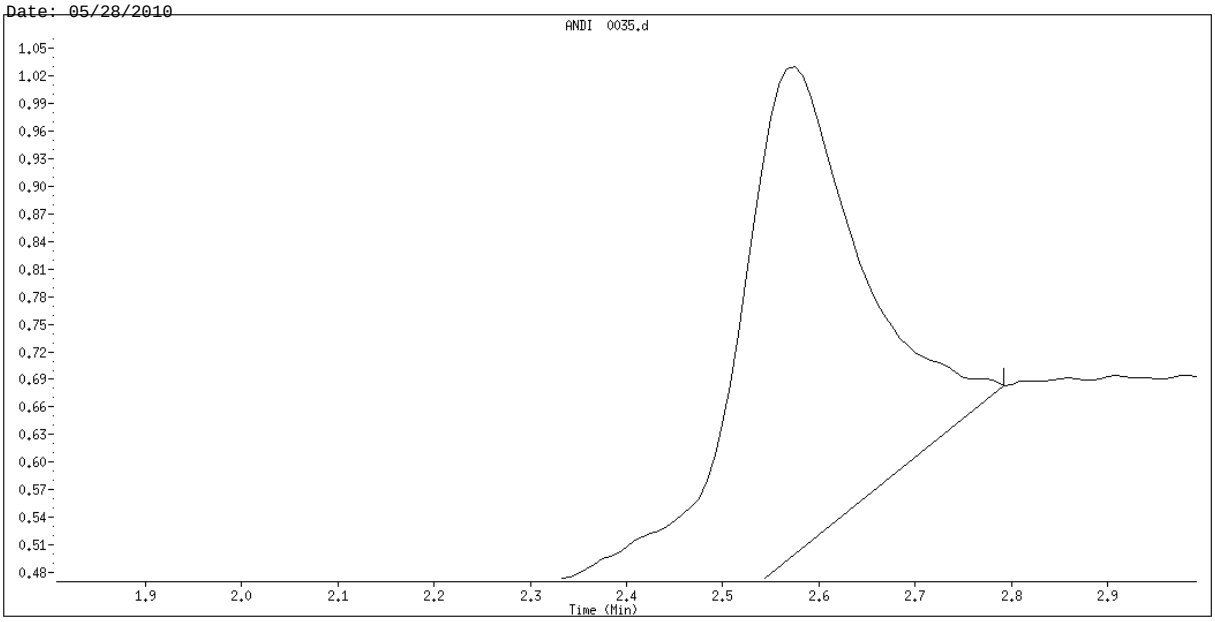
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0035.d
Date : 27-MAY-2010 20:42
Client ID:
Sample Info: L13N8
Purge Volume: 1.0
Column phase: AS14

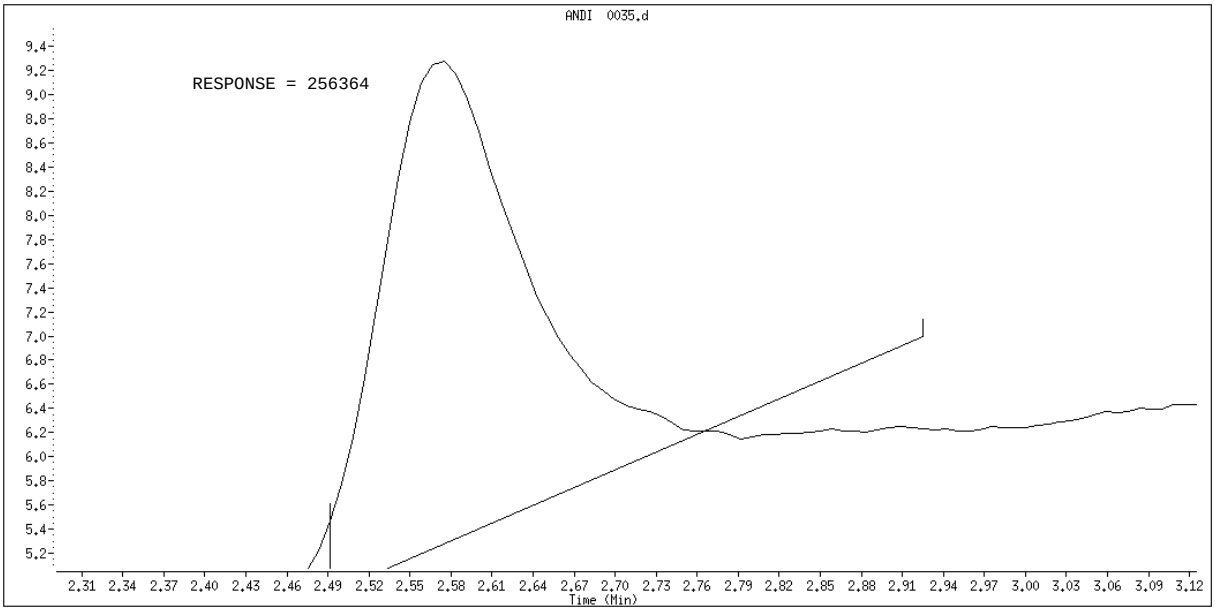
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0035.d
Inj. Date and Time: 27-MAY-2010 20:42
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0036.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0036.d
Lab Smp Id: L1P6T ORG
Inj Date : 27-MAY-2010 20:58
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P6T ORG
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

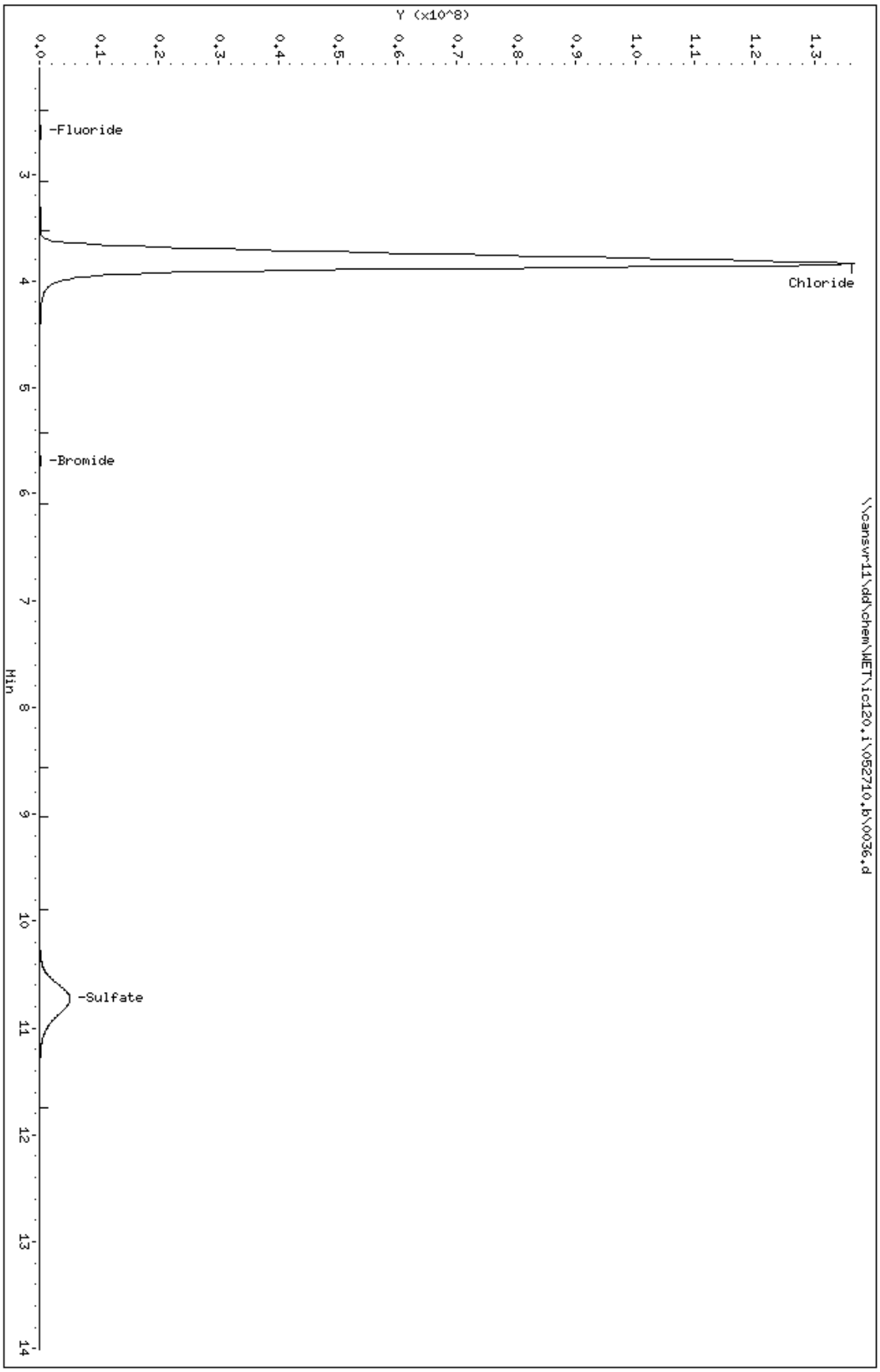
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.600	2.558	0.042	2685077	0.29357	0.2936
2 Chloride	3.841	3.683	0.158	1236474495	160.839	160.8
3 Nitrite	Compound Not Detected.					
4 Bromide	5.683	5.575	0.108	1592387	0.59065	0.5906
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.725	10.608	0.117	117142099	23.1809	23.18

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0036.d
Date : 27-MAY-2010 20:58
Client ID:
Sample Info: L1P6T ORG
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0037.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0037.d
Lab Smp Id: L1P6T MS
Inj Date : 27-MAY-2010 21:15
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P6T MS,5,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

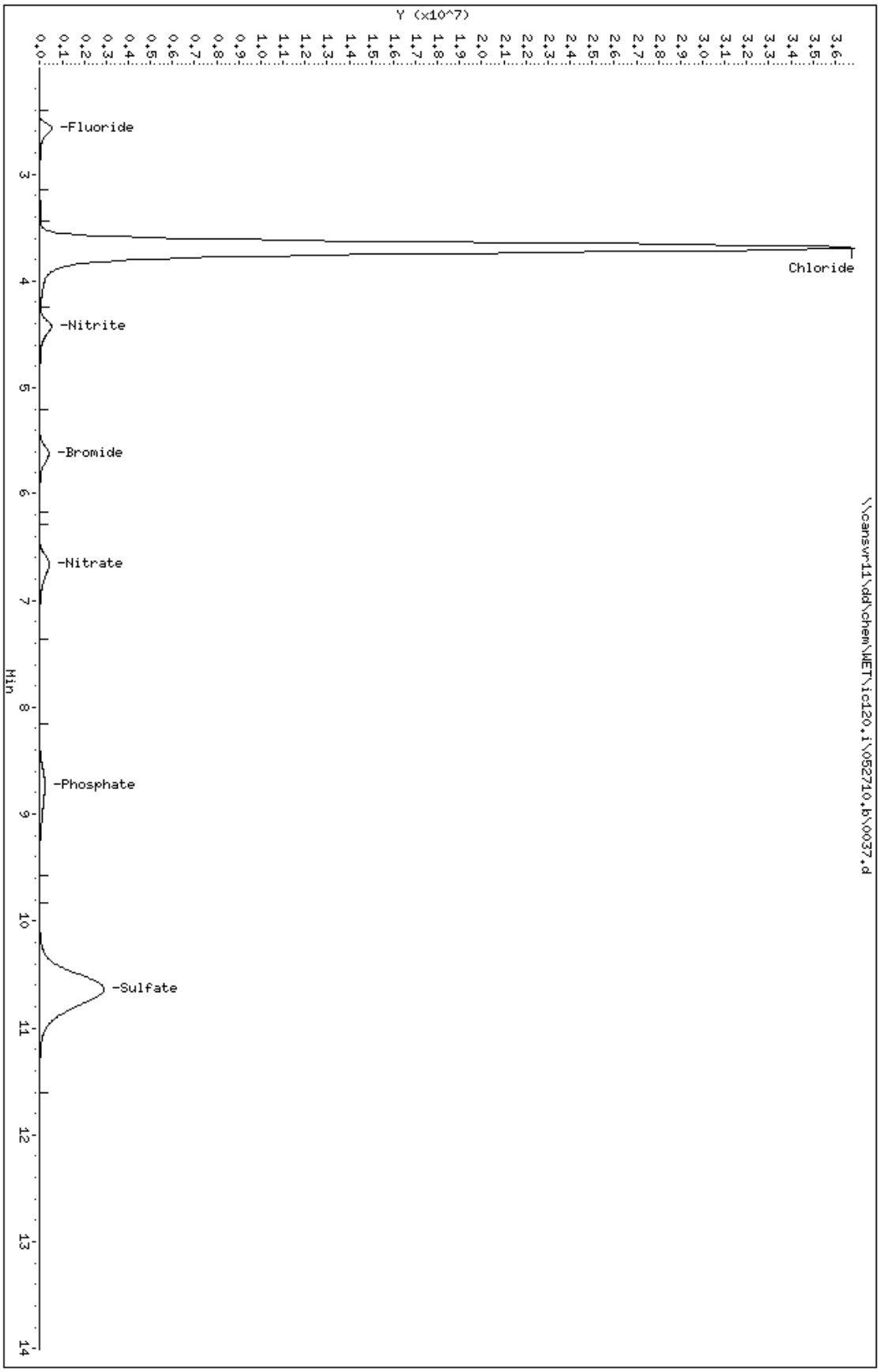
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.566	2.558	0.008	4901626	0.53592	2.680
2 Chloride	3.691	3.683	0.008	275064948	35.7801	178.9(R)
3 Nitrite	4.425	4.408	0.017	6363325	0.50840	2.542
4 Bromide	5.616	5.575	0.041	5307656	1.96873	9.844
5 Nitrate	6.658	6.566	0.092	6912228	0.46643	2.332
6 Phosphate	8.733	8.666	0.067	7146252	0.97032	4.852(R)
7 Sulfate	10.633	10.608	0.025	67484458	13.3543	66.77(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0037.d
Date : 27-MAY-2010 21:15
Client ID:
Sample Info: L1P6T MS,5,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0038.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0038.d
Lab Smp Id: L1P6T MSD
Inj Date : 27-MAY-2010 21:31
Operator : 001754 Inst ID: ic120.i
Smp Info : L1P6T MSD,5,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 5.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	5.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

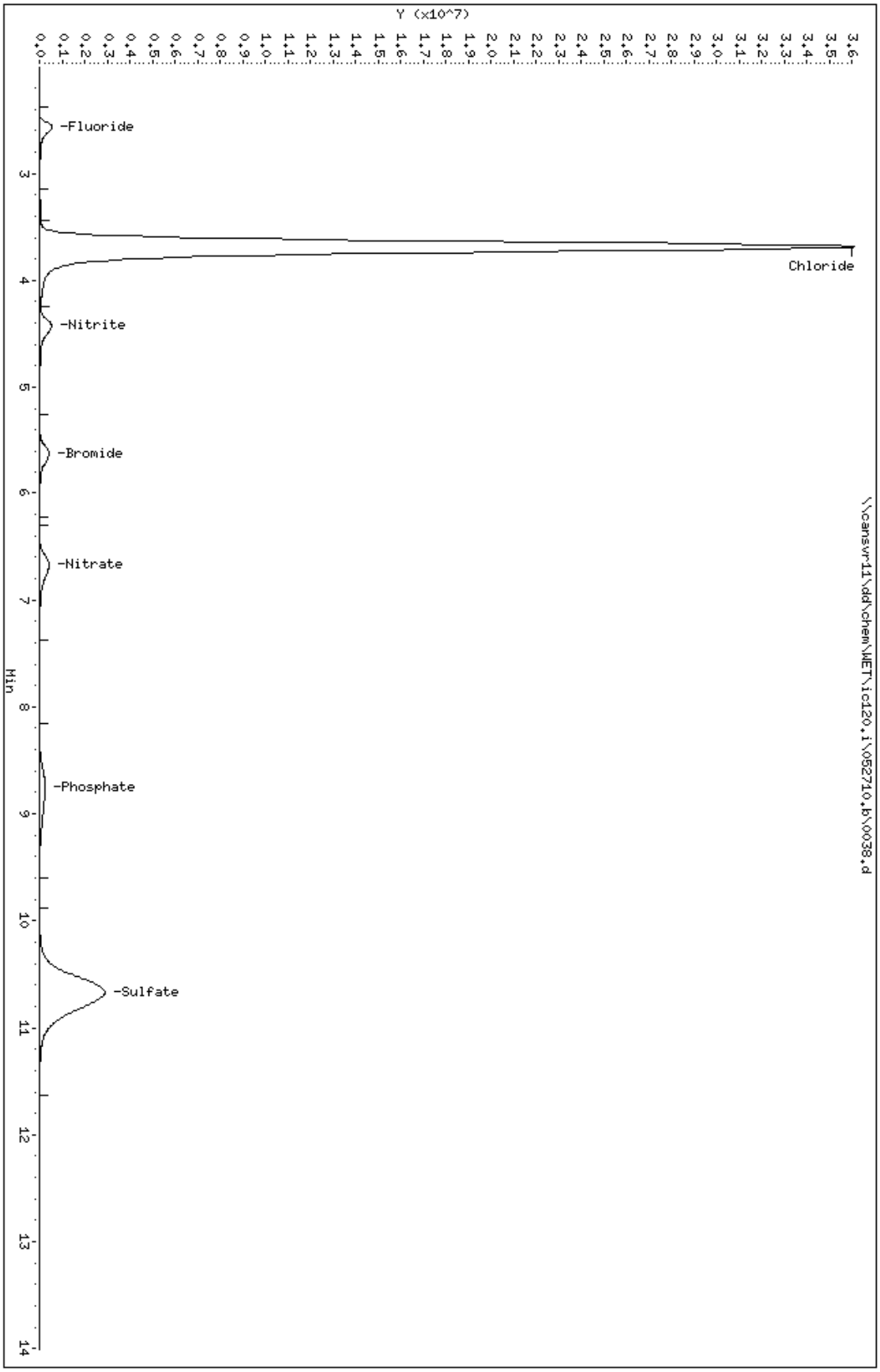
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	2.566	2.558	0.008	4785994	0.52327	2.616
2 Chloride	3.683	3.683	0.000	270694091	35.2116	176.0(R)
3 Nitrite	4.425	4.408	0.017	6439718	0.51450	2.572
4 Bromide	5.625	5.575	0.050	5294288	1.96377	9.819
5 Nitrate	6.675	6.566	0.109	6814859	0.45986	2.299
6 Phosphate	8.750	8.666	0.084	7612012	1.03701	5.185(R)
7 Sulfate	10.666	10.608	0.058	67104903	13.2792	66.40(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0038.d
Date : 27-MAY-2010 21:31
Client ID:
Sample Info: L1P6T MSD,5,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0039.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0039.d
Lab Smp Id: L13T4
Inj Date : 27-MAY-2010 21:47
Operator : 001754 Inst ID: ic120.i
Smp Info : L13T4,20
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

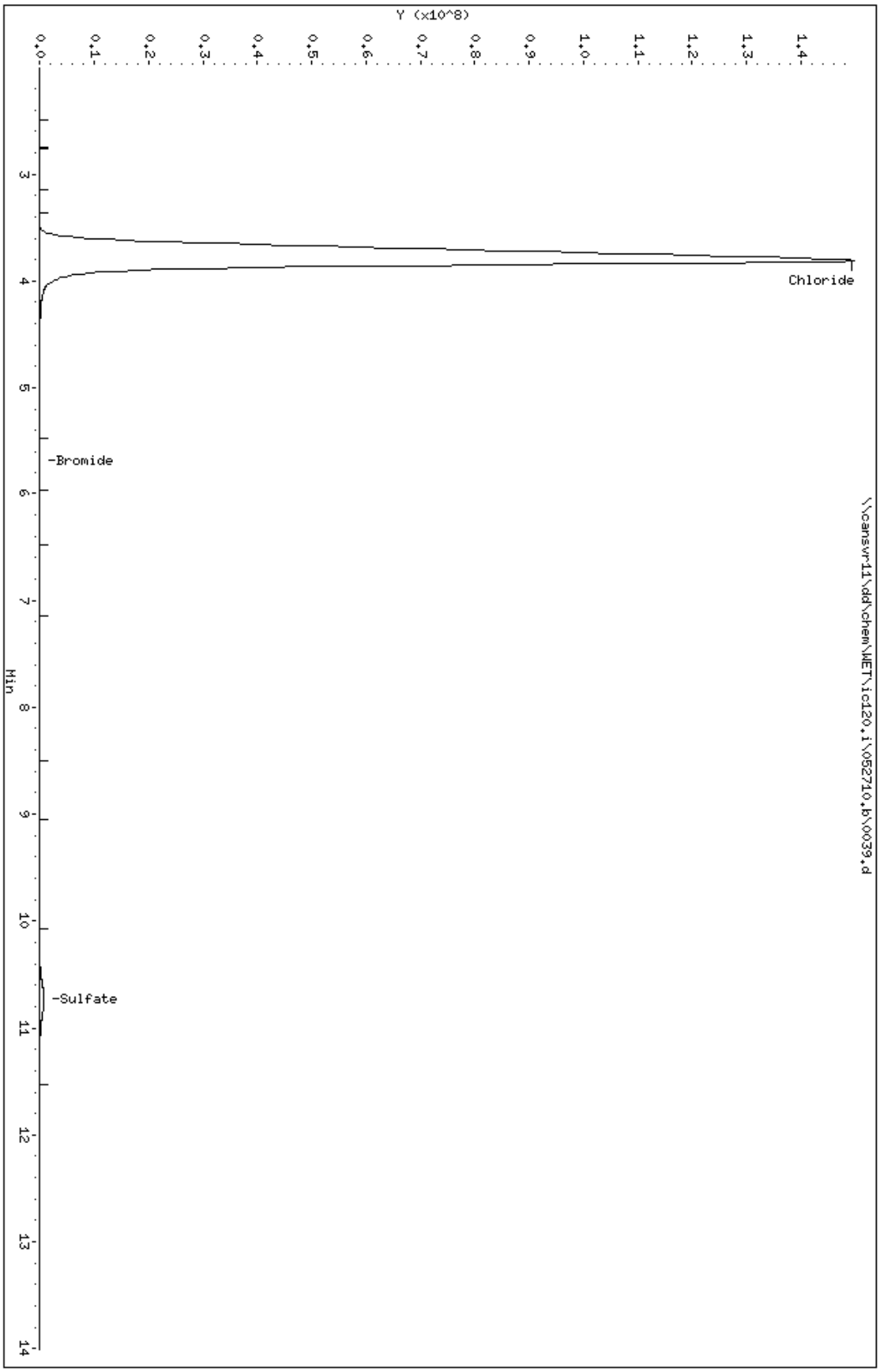
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	3.808	3.683	0.125	1482047437	192.783	3856
3 Nitrite	Compound Not Detected.					
4 Bromide	5.683	5.575	0.108	327910	0.12163	2.432(a)
5 Nitrate	Compound Not Detected.					
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.733	10.608	0.125	18638240	3.68827	73.76

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0039.d
Date : 27-MAY-2010 21:47
Client ID:
Sample Info: L13T4,20
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



\\cansvr11\dd\chem\WET\ic120,i\052710,b\0039.d

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0040.d
Report Date: 28-May-2010 11:18

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0040.d
Lab Smp Id: L13T8
Inj Date : 27-MAY-2010 22:04
Operator : 001754 Inst ID: ic120.i
Smp Info : L13T8,20
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

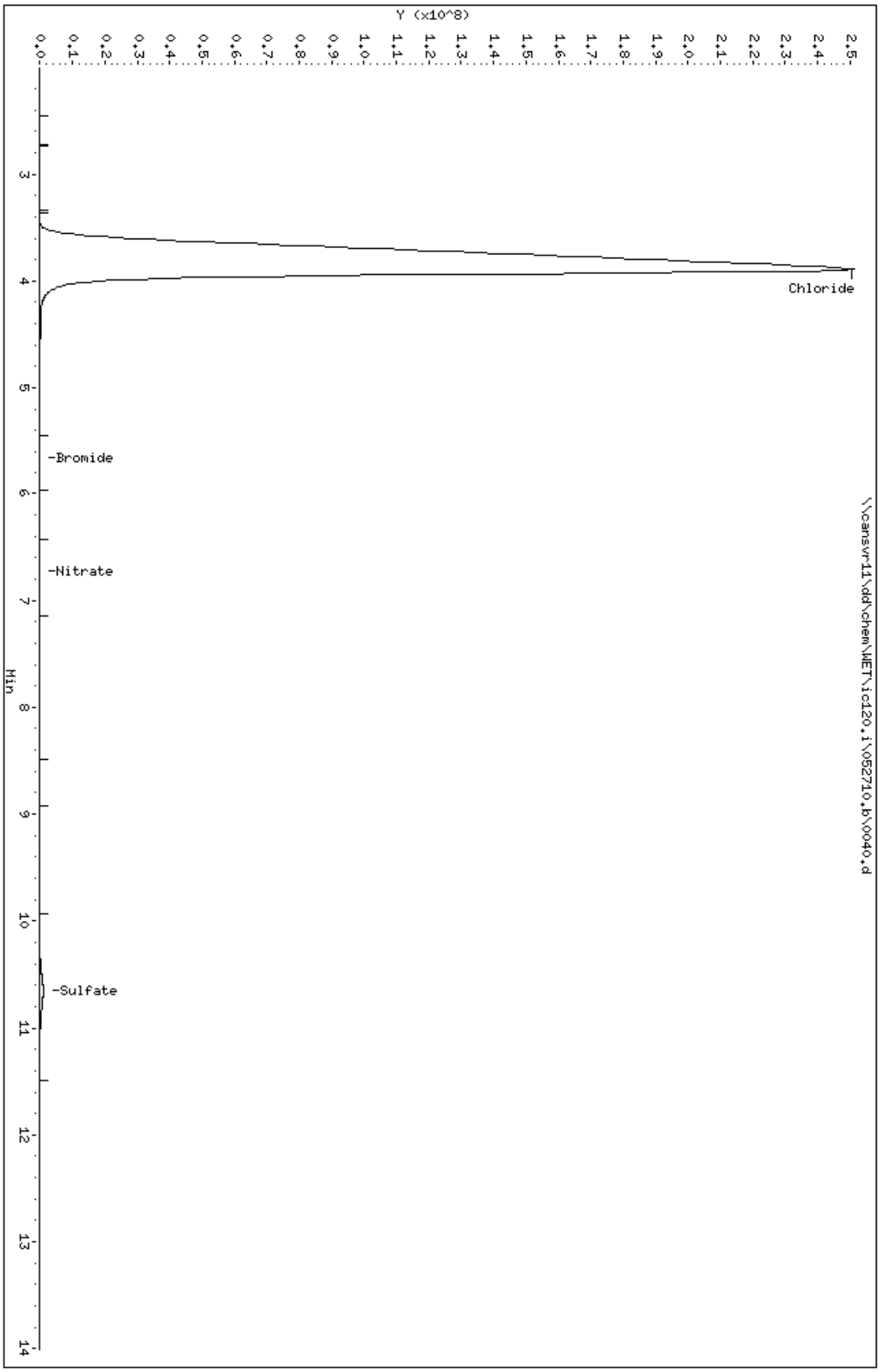
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	3.891	3.650	0.241	3422327866	445.173	8903(AM)
3 Nitrite	Compound Not Detected.					
4 Bromide	5.658	5.475	0.183	683383	0.25348	5.070
5 Nitrate	6.741	6.433	0.308	626427	0.04227	0.8454(a)
6 Phosphate	Compound Not Detected.					
7 Sulfate	10.658	10.575	0.083	24402336	4.82892	96.58

QC Flag Legend

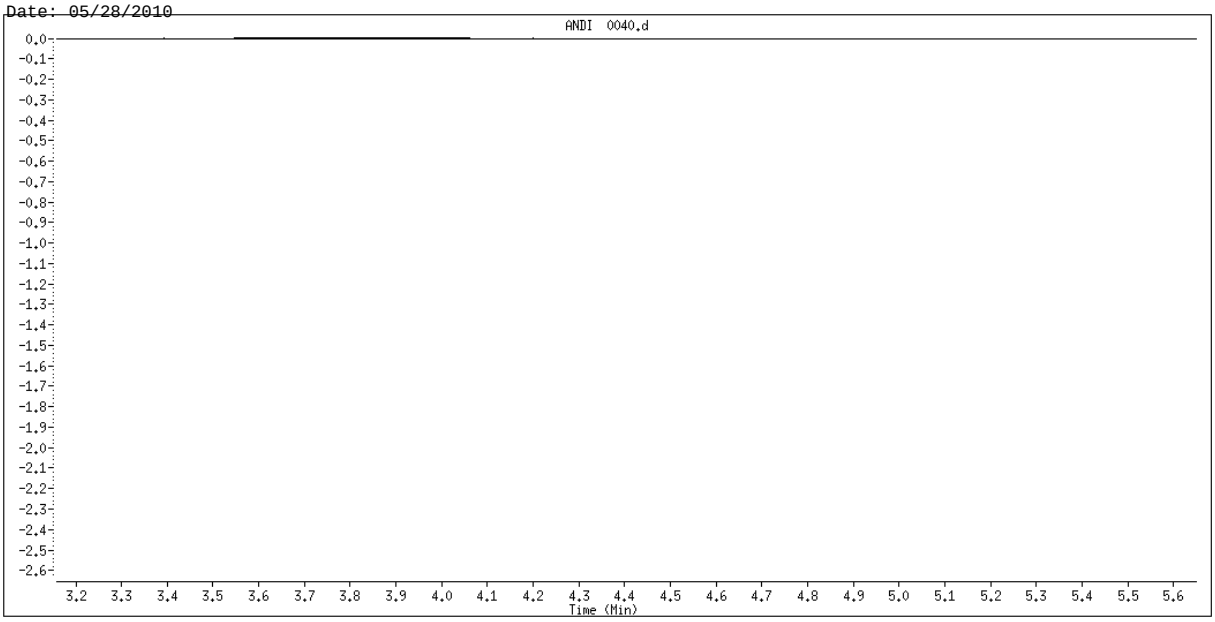
a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
exceeded maximum amount.
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0040.d
Date : 27-MAY-2010 22:04
Client ID:
Sample Info: L13T8,20
Purge Volume: 1.0
Column Phase: AS14

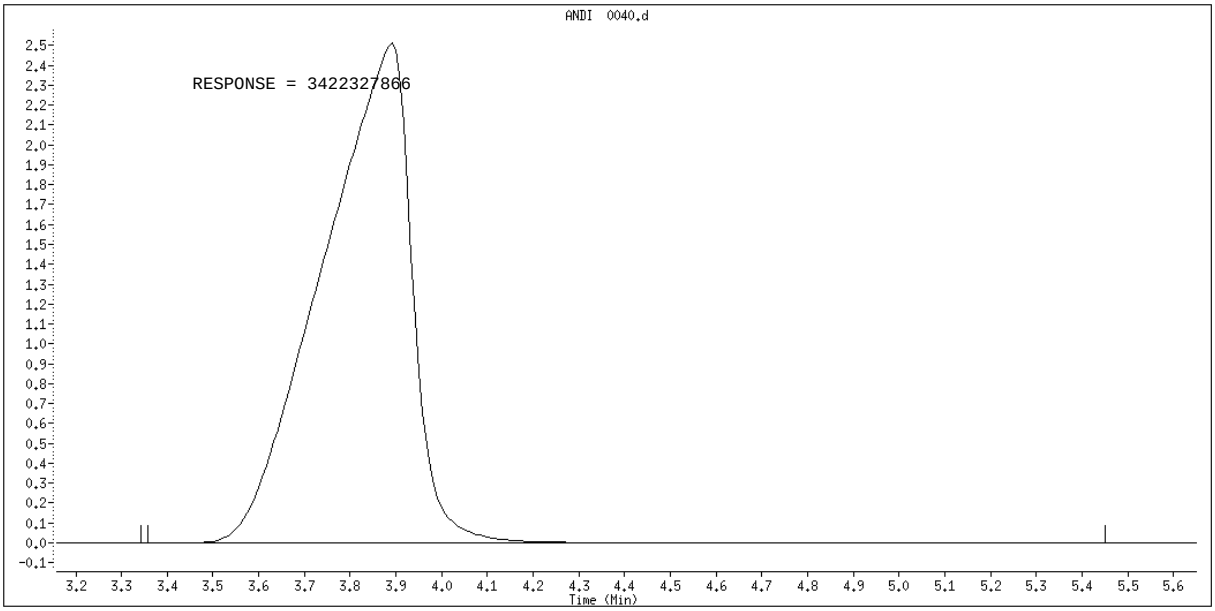
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0040.d
Inj. Date and Time: 27-MAY-2010 22:04
Instrument ID: ic120.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 05/28/2010



Original Integration



Manual Integration

Manually Integrated By: scottsa
Manual Integration Reason: Manually Assigned

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0041.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 27-MAY-2010 22:20
Lab File ID: 0041.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	8866110	8866110	0.010	3.06304	10.00000	Averaged
2 Chloride	7687643	8048125	8048125	0.010	-4.68912	10.00000	Averaged
3 Nitrite	12516496	12236944	12236944	0.010	2.23346	10.00000	Averaged
4 Bromide	2695983	2573085	2573085	0.010	4.55854	10.00000	Averaged
5 Nitrate	14819560	14544154	14544154	0.010	1.85840	10.00000	Averaged
6 Phosphate	2.50000	2.52019	7188132	0.010	-0.80778	10.00000	Linear
7 Sulfate	5053378	4893137	4893137	0.010	3.17097	10.00000	Averaged

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0041.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

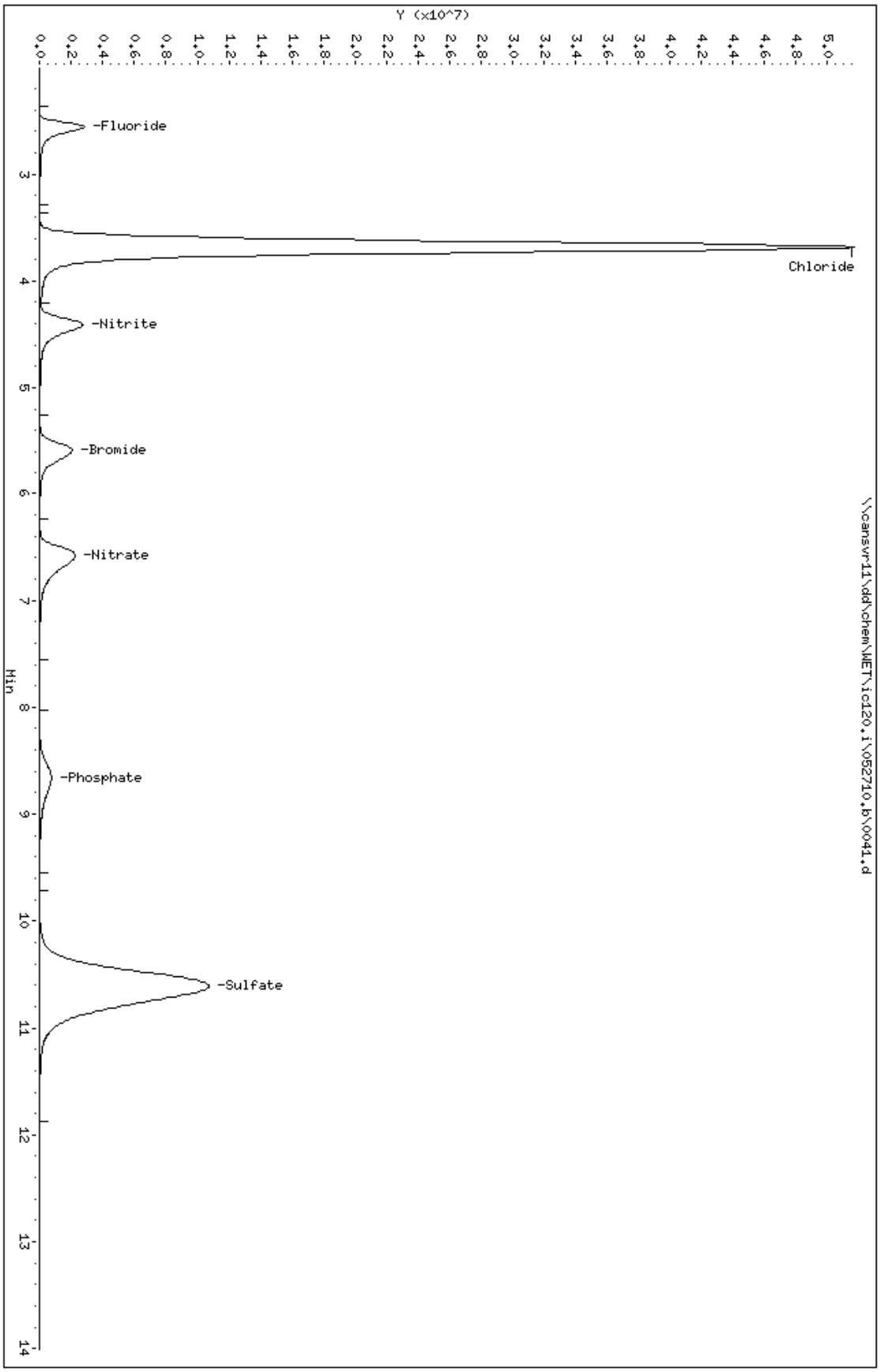
ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0041.d
Lab Smp Id: CCV
Inj Date : 27-MAY-2010 22:20
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.558	2.558	0.000	22165274	2.50000	2.423
2 Chloride	3.683	3.683	0.000	402406274	50.0000	52.34
3 Nitrite	4.408	4.408	0.000	30592360	2.50000	2.444
4 Bromide	5.583	5.583	0.000	25730853	10.0000	9.544
5 Nitrate	6.583	6.583	0.000	36360384	2.50000	2.454
6 Phosphate	8.666	8.666	0.000	17970331	2.50000	2.520
7 Sulfate	10.608	10.608	0.000	244656856	50.0000	48.41


Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0041.d
Date : 27-MAY-2010 22:20
Client ID:
Sample Info: CCV,,2
Purge Volume: 1.0
Column phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\052710,b\0041.d
Y (x10^7)
-Fluoride
Chloride
-Nitrite
-Bromide
-Nitrate
-Phosphate
-Sulfate
Min

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0042.d
Report Date: 02-Jun-2010 16:19

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0042.d
Lab Smp Id: CCB
Inj Date : 27-MAY-2010 22:37
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 01-Jun-2010 14:35 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

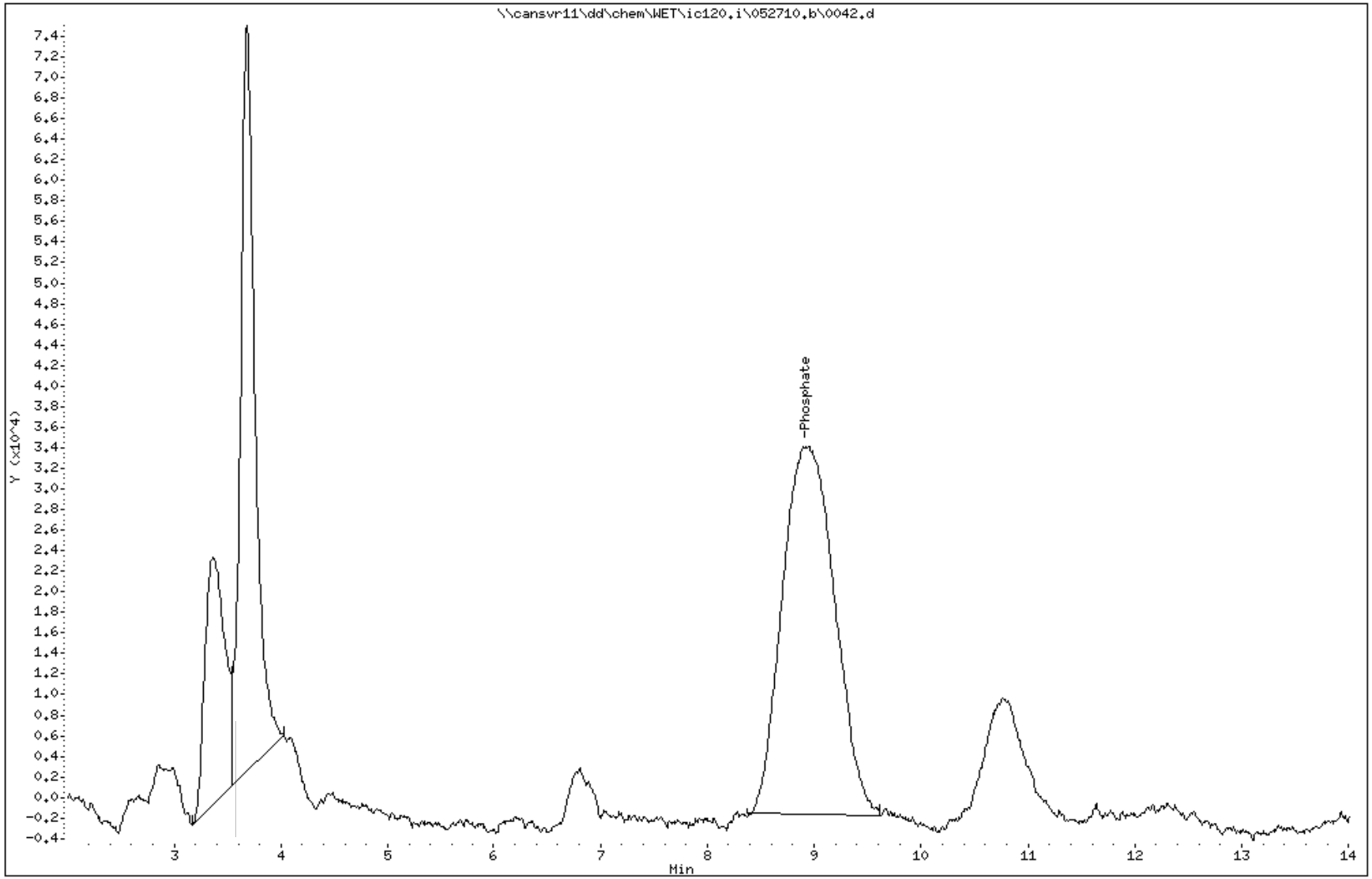
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.925	8.633	0.292	1217881	0.12144	0.1214(M)
7 Sulfate	Compound Not Detected.					

QC Flag Legend

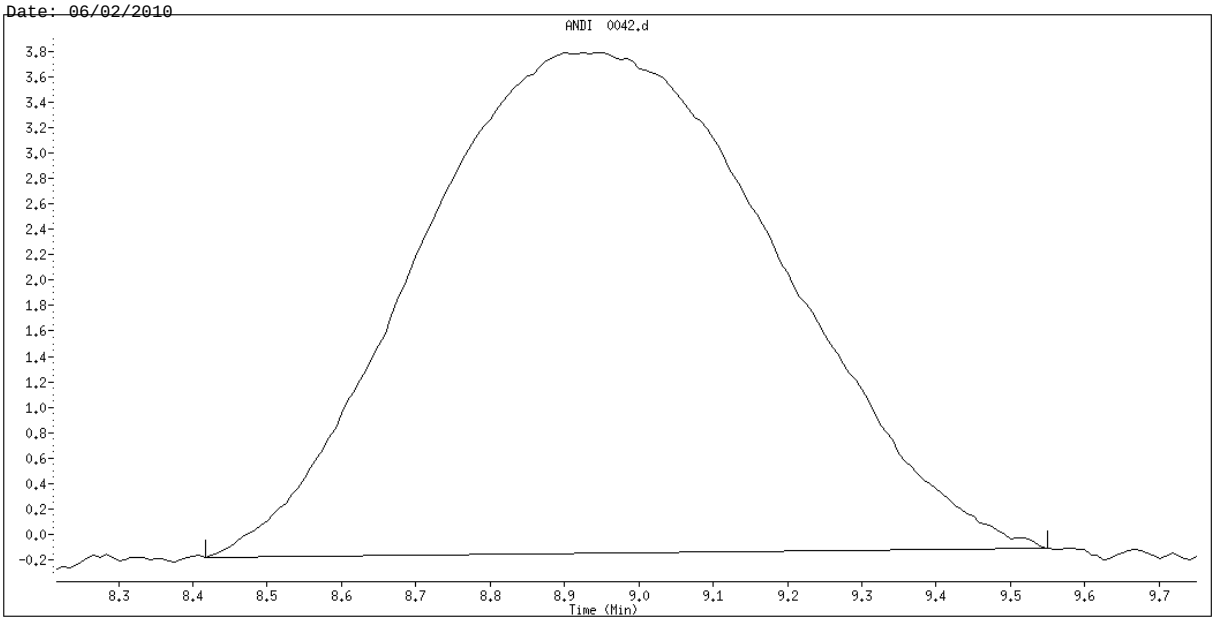
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0042.d
Date : 27-MAY-2010 22:37
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column phase: AS14

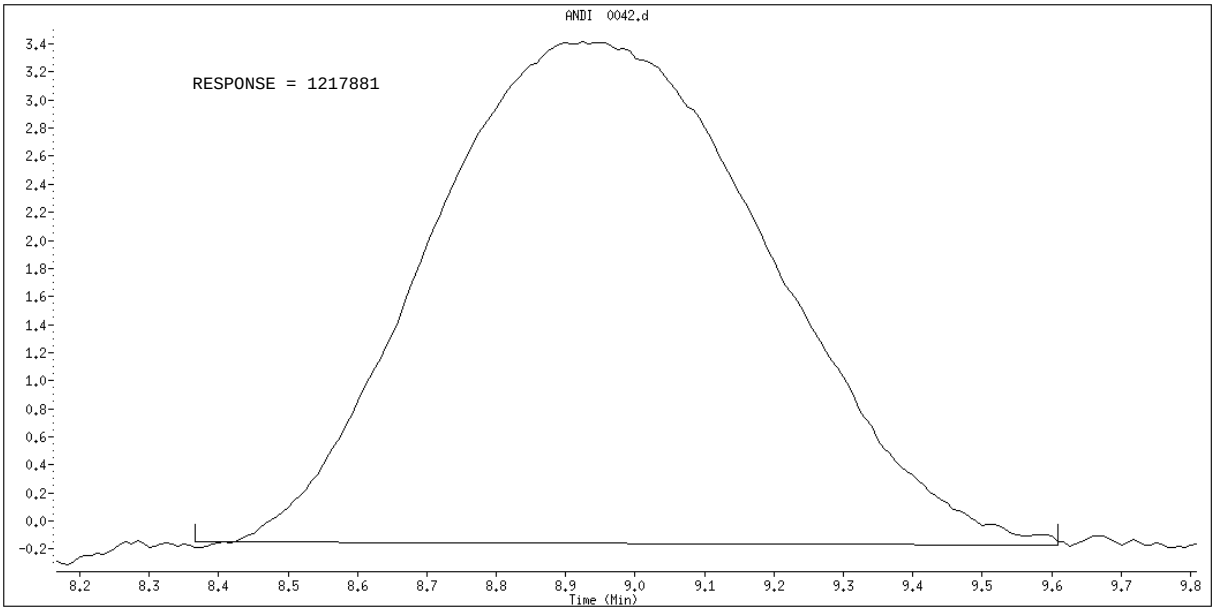
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0042.d
Inj. Date and Time: 27-MAY-2010 22:37
Instrument ID: ic120.i
Client ID:
Compound Name: Phosphate
CAS #: Q551
Report Date: 06/02/2010



Original Integration



Manual Integration

Manually Integrated By: colono
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0043.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0043.d
Lab Smp Id: LCS
Inj Date : 27-MAY-2010 22:53
Operator : 001754 Inst ID: ic120.i
Smp Info : LCS,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

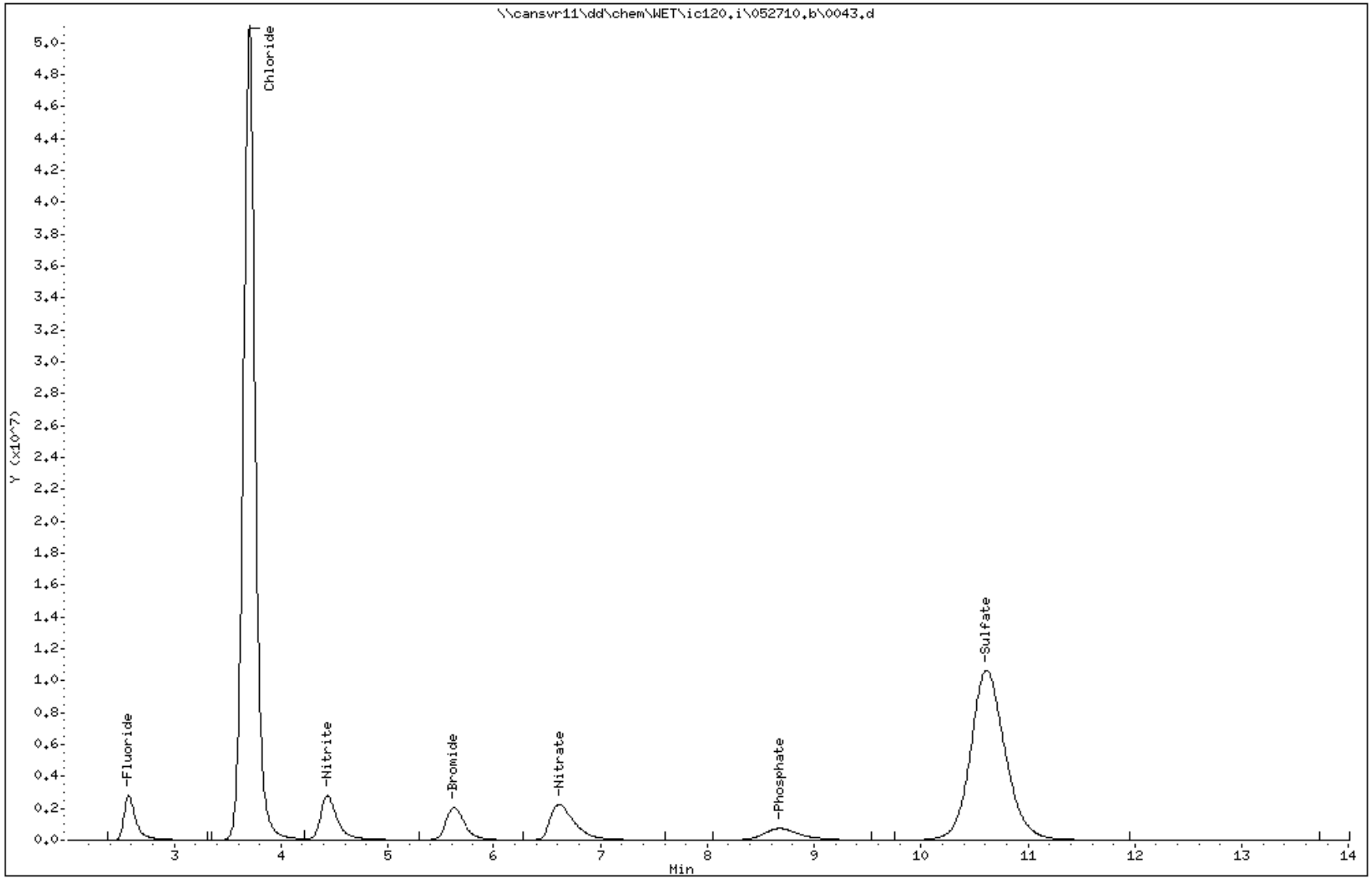
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.558	0.017	22109486	2.41732	2.417
2 Chloride	3.708	3.683	0.025	398063568	51.7797	51.78
3 Nitrite	4.433	4.408	0.025	31399662	2.50866	2.509
4 Bromide	5.616	5.583	0.033	25467139	9.44633	9.446
5 Nitrate	6.616	6.583	0.033	35758353	2.41292	2.413
6 Phosphate	8.675	8.666	0.009	17603703	2.46770	2.468
7 Sulfate	10.608	10.608	0.000	240376623	47.5675	47.57

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0043.d
Date : 27-MAY-2010 22:53
Client ID:
Sample Info: LCS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0044.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0044.d
Lab Smp Id: LCS DUP
Inj Date : 27-MAY-2010 23:10
Operator : 001754 Inst ID: ic120.i
Smp Info : LCS DUP,,3
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

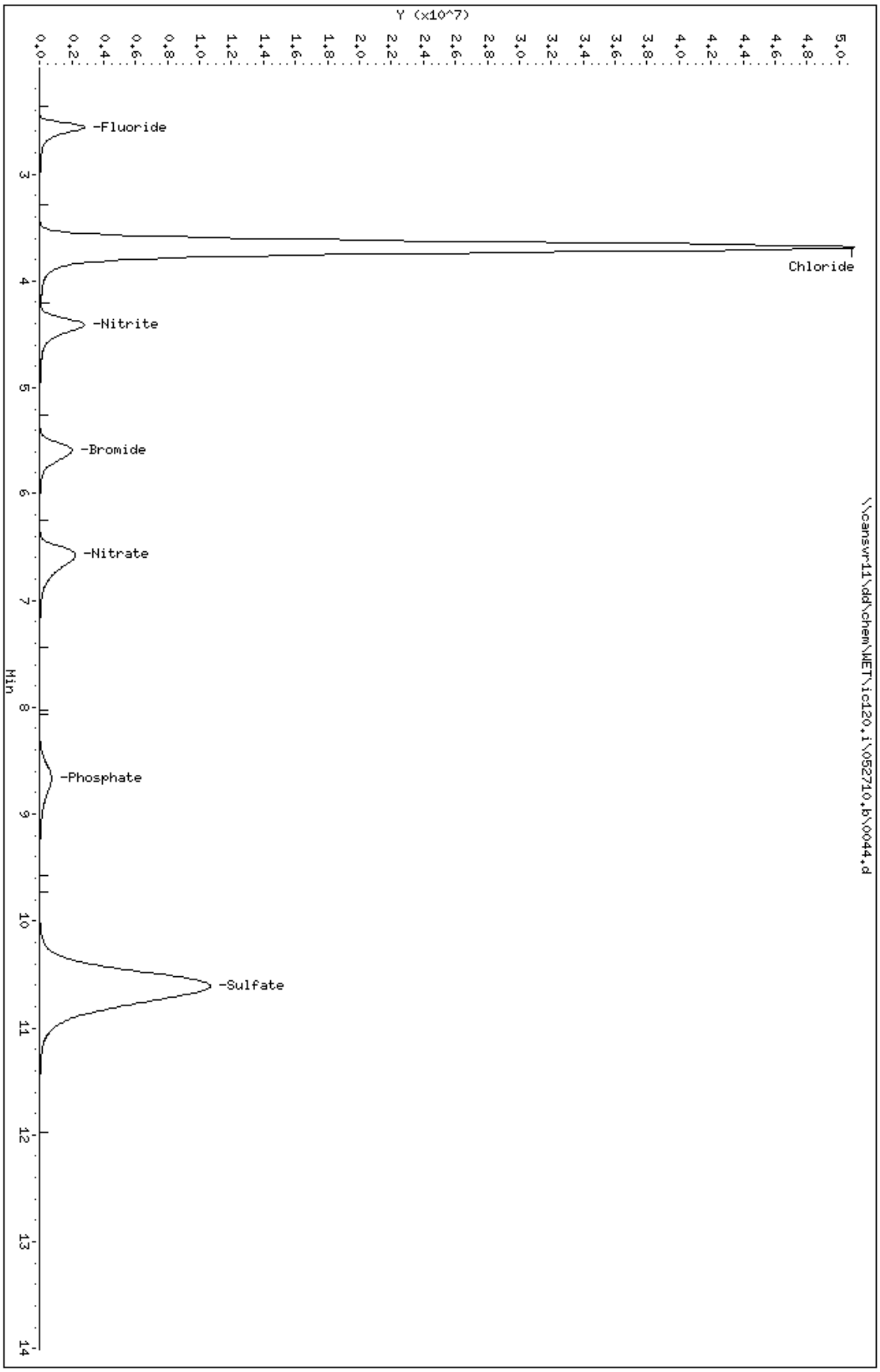
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.566	2.558	0.008	22058608	2.41176	2.412
2 Chloride	3.683	3.683	0.000	396593678	51.5885	51.59
3 Nitrite	4.408	4.408	0.000	31451781	2.51283	2.513
4 Bromide	5.583	5.583	0.000	25498216	9.45786	9.458
5 Nitrate	6.575	6.583	-0.008	35671733	2.40707	2.407
6 Phosphate	8.666	8.666	0.000	17973467	2.52064	2.521
7 Sulfate	10.608	10.608	0.000	242039186	47.8965	47.90

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0044.d
Date : 27-MAY-2010 23:10
Client ID:
Sample Info: LCS DUP,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0045.d
Report Date: 28-May-2010 11:14

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\dd\chem\WET\ic120.i\052710.b\0045.d
Lab Smp Id: L13T9
Inj Date : 27-MAY-2010 23:26
Operator : 001754 Inst ID: ic120.i
Smp Info : L13T9,20
Misc Info : None
Comment :
Method : \\cansvr11\dd\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 20.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPWET22

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	20.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

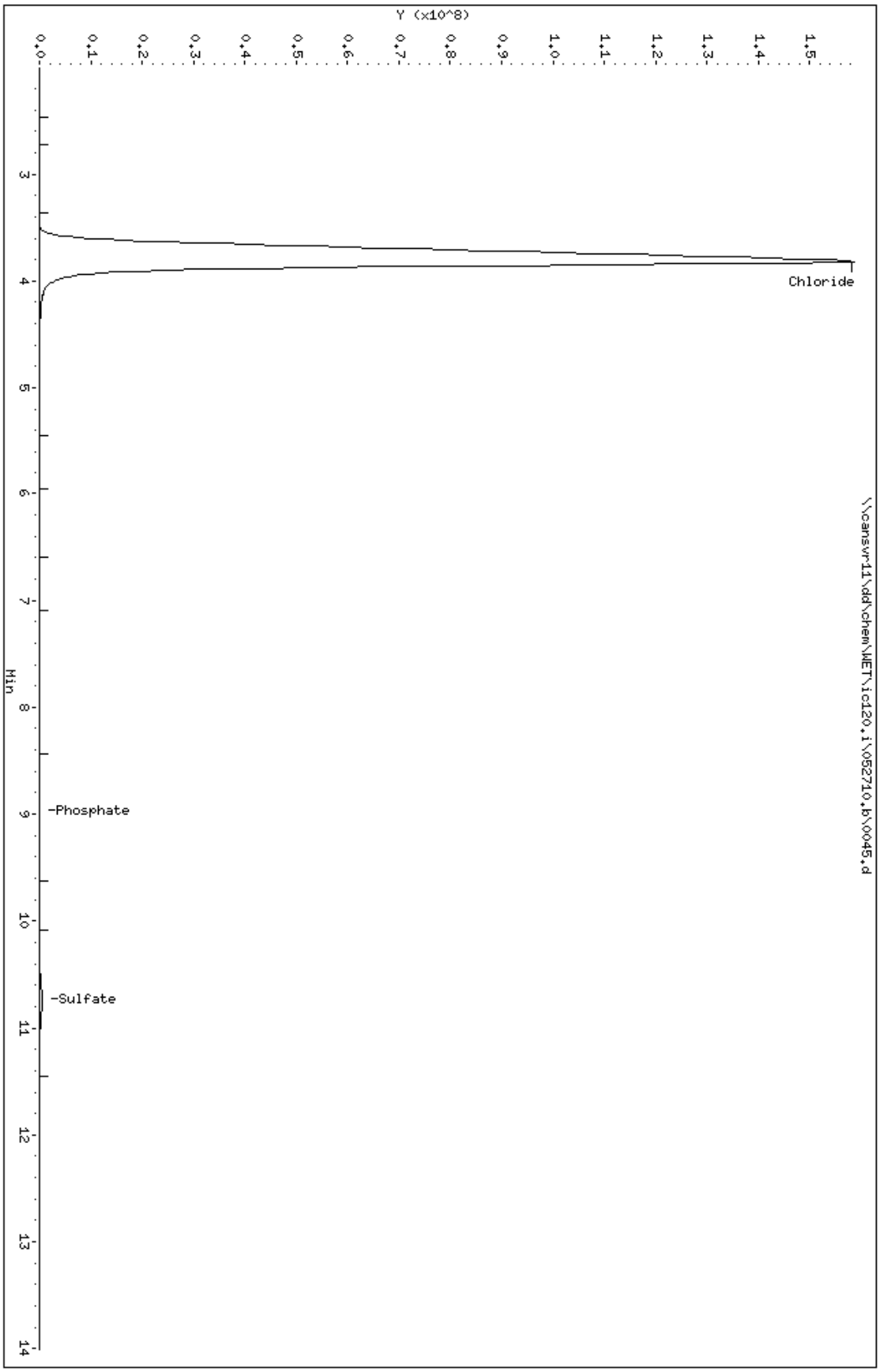
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	CONCENTRATIONS FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	3.816	3.683	0.133	1613123956	209.833	4197(A)
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.975	8.666	0.309	1426986	0.15139	3.028
7 Sulfate	10.733	10.608	0.125	11471672	2.27010	45.40

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0045.d
Date : 27-MAY-2010 23:26
Client ID:
Sample Info: L13T9,20
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\052710.b\0046.d
Report Date: 01-Jun-2010 14:36

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\052710.b\0046.d
Lab Smp Id: L1839
Inj Date : 27-MAY-2010 23:42
Operator : 001754 Inst ID: ic120.i
Smp Info : L1839
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 01-Jun-2010 14:35 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

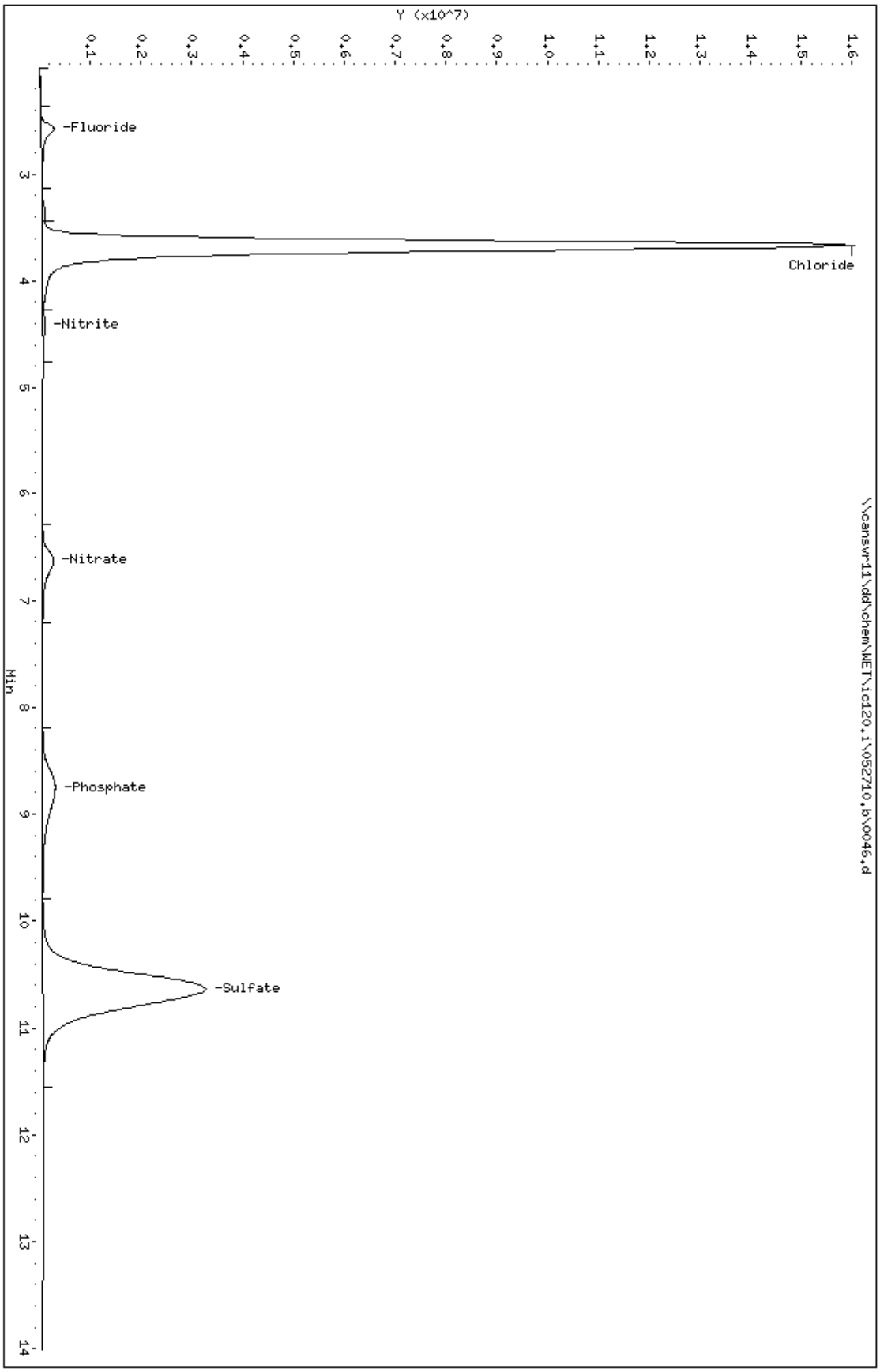
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.550	0.025	2574993	0.28153	0.2815(M)
2 Chloride	3.666	3.650	0.016	120037210	15.6143	15.61(M)
3 Nitrite	4.416	4.350	0.066	708812	0.05663	0.05663(M)
4 Bromide	Compound Not Detected.					
5 Nitrate	6.625	6.433	0.192	3340626	0.22542	0.2254
6 Phosphate	8.750	8.633	0.117	7261258	0.98678	0.9868
7 Sulfate	10.633	10.575	0.058	73319819	14.5091	14.51

QC Flag Legend

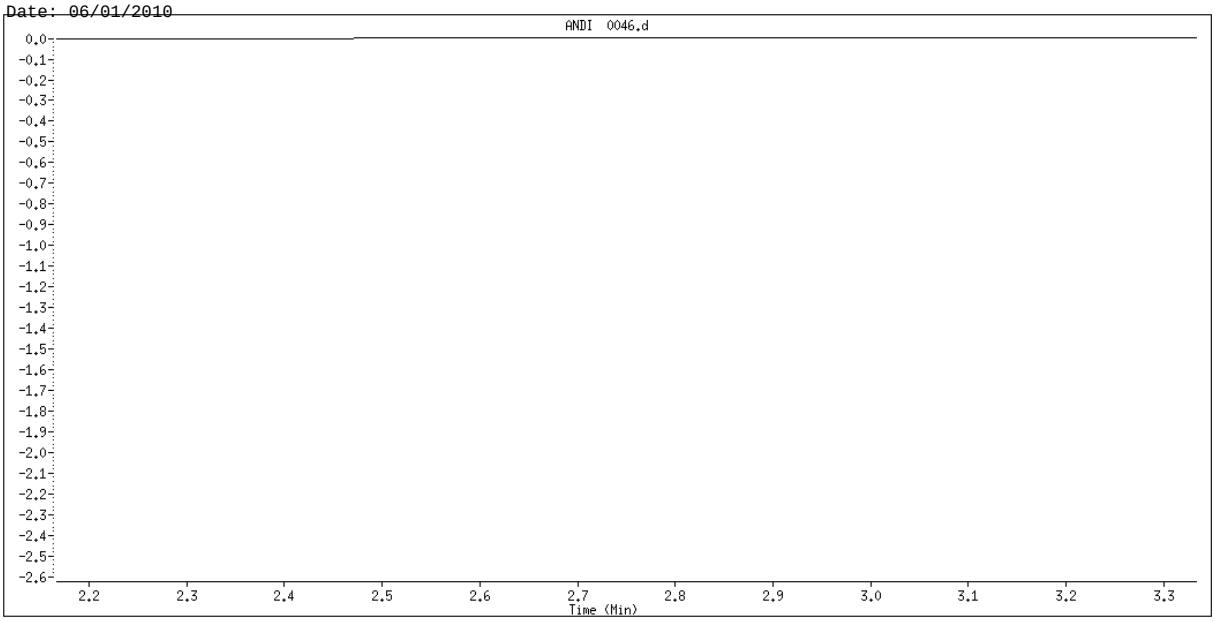
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0046.d
Date : 27-MAY-2010 23:42
Client ID:
Sample Info: L1839
Purge Volume: 1.0
Column phase: AS14

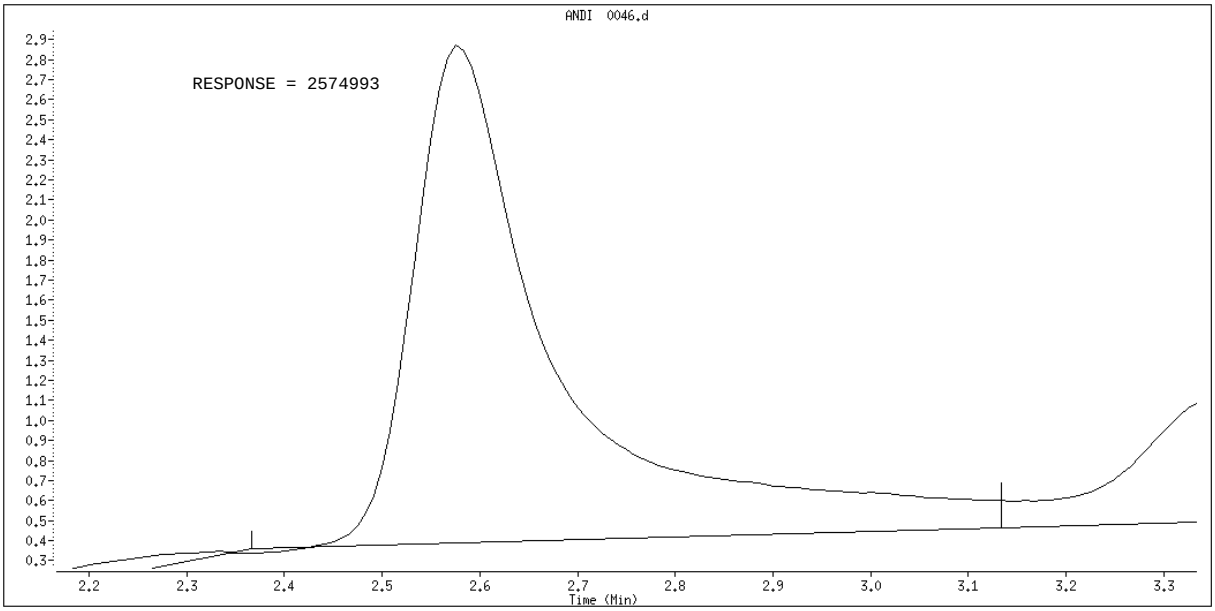
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0046.d
Inj. Date and Time: 27-MAY-2010 23:42
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



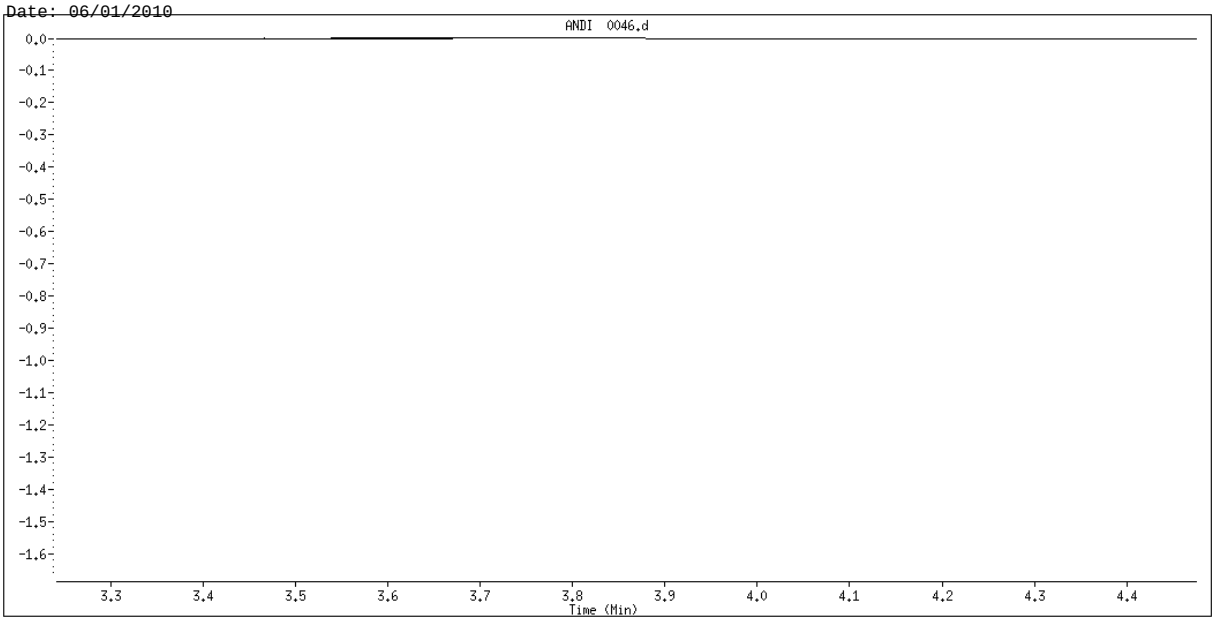
Original Integration



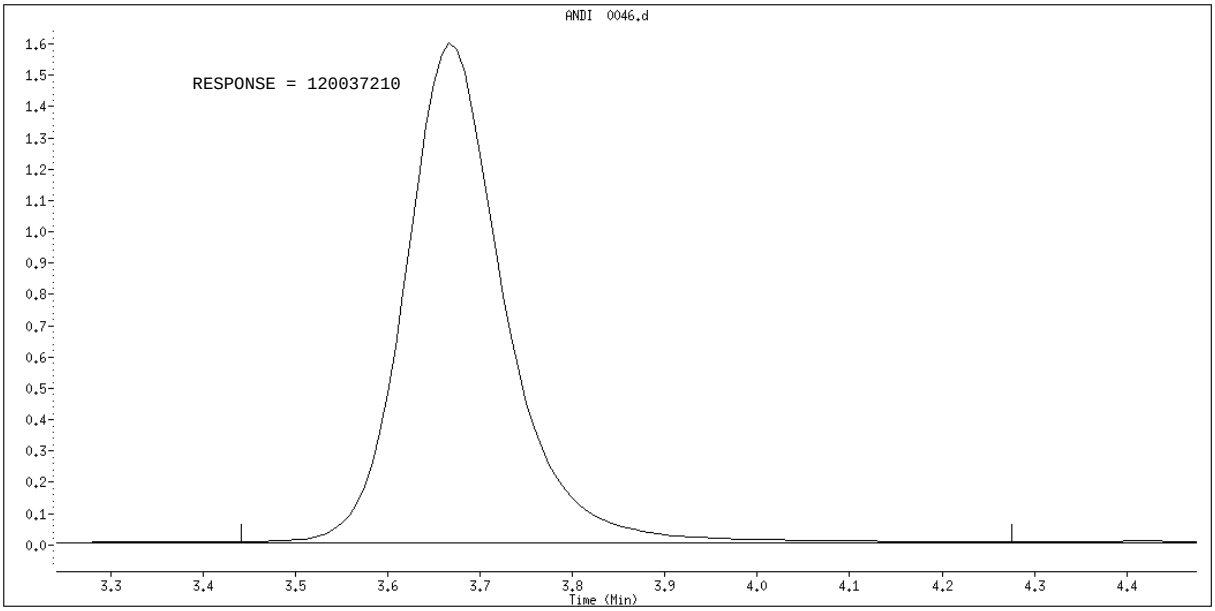
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0046.d
Inj. Date and Time: 27-MAY-2010 23:42
Instrument ID: ic120.i
Client ID:
Compound Name: Chloride
CAS #: Q138
Report Date: 06/01/2010



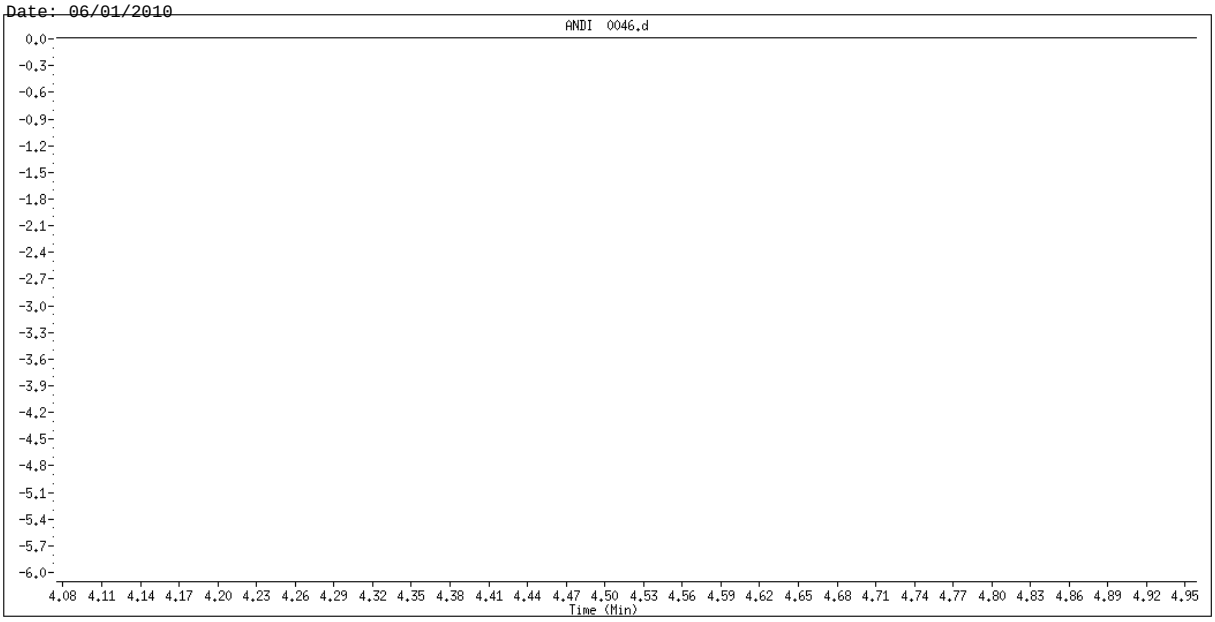
Original Integration



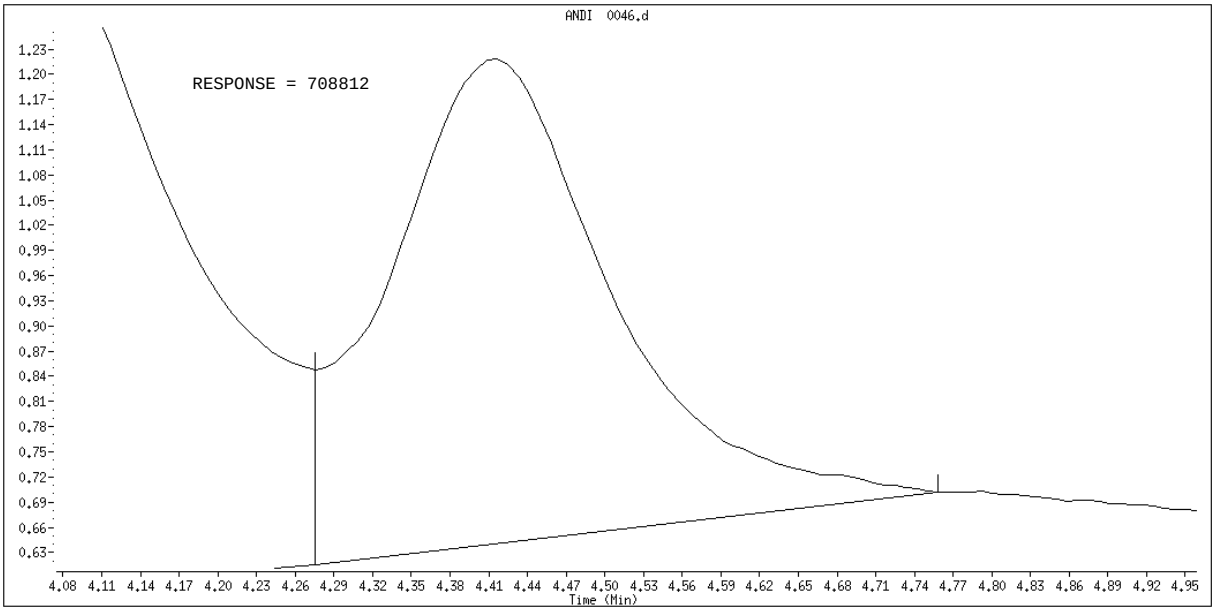
Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File Name: 0046.d
Inj. Date and Time: 27-MAY-2010 23:42
Instrument ID: ic120.i
Client ID:
Compound Name: Nitrite
CAS #: Q481
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic120.i\052710.b\0047.d
Report Date: 01-Jun-2010 14:36

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\052710.b\0047.d
Lab Smp Id: L184T
Inj Date : 27-MAY-2010 23:59
Operator : 001754 Inst ID: ic120.i
Smp Info : L184T
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 01-Jun-2010 14:35 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

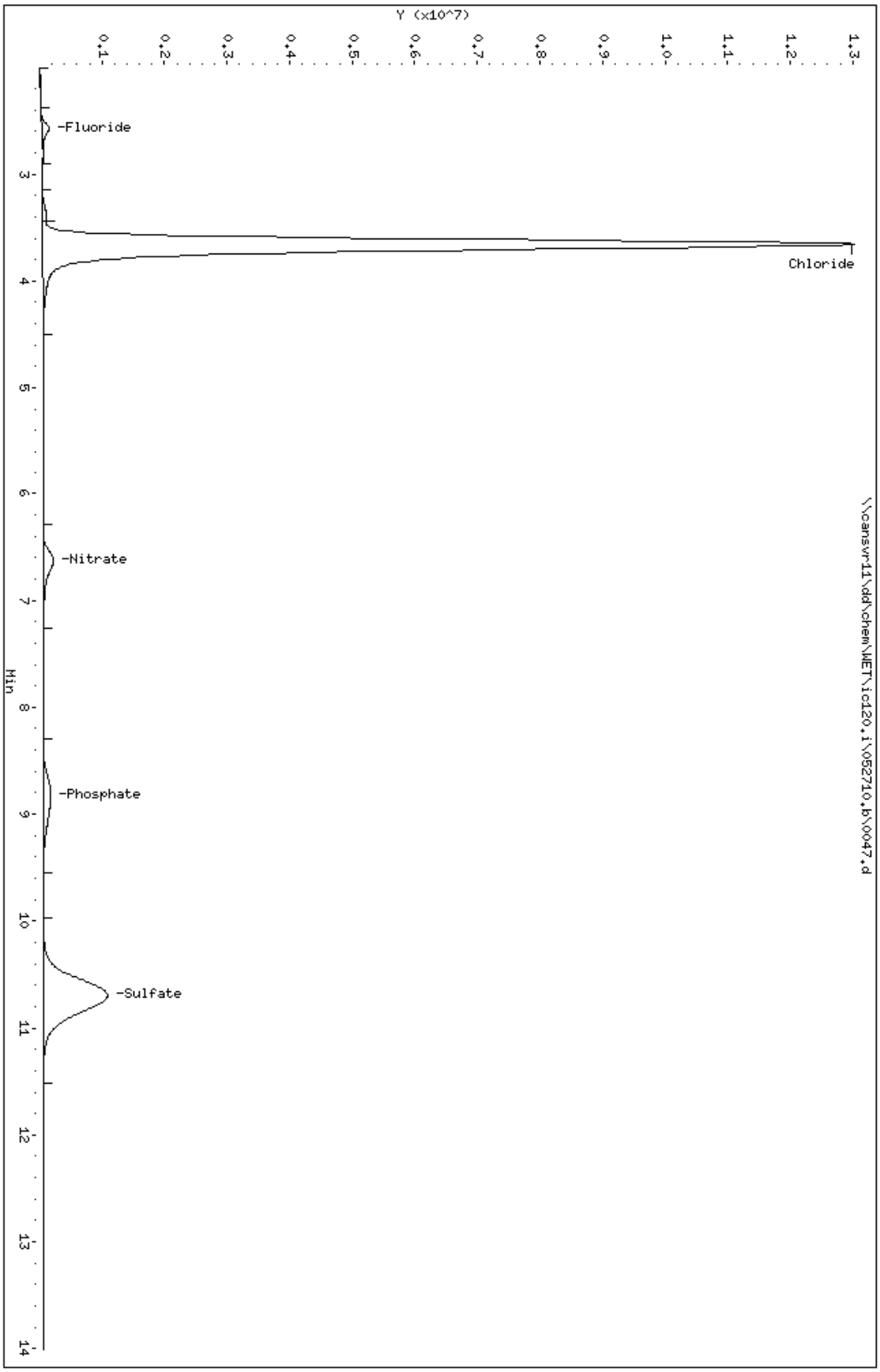
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.566	2.550	0.016	975687	0.10668	0.1067(M)
2 Chloride	3.658	3.650	0.008	97957082	12.7421	12.74
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.625	6.433	0.192	2683075	0.18105	0.1810
6 Phosphate	8.816	8.633	0.183	3603030	0.46297	0.4630
7 Sulfate	10.691	10.575	0.116	23907268	4.73095	4.731

QC Flag Legend

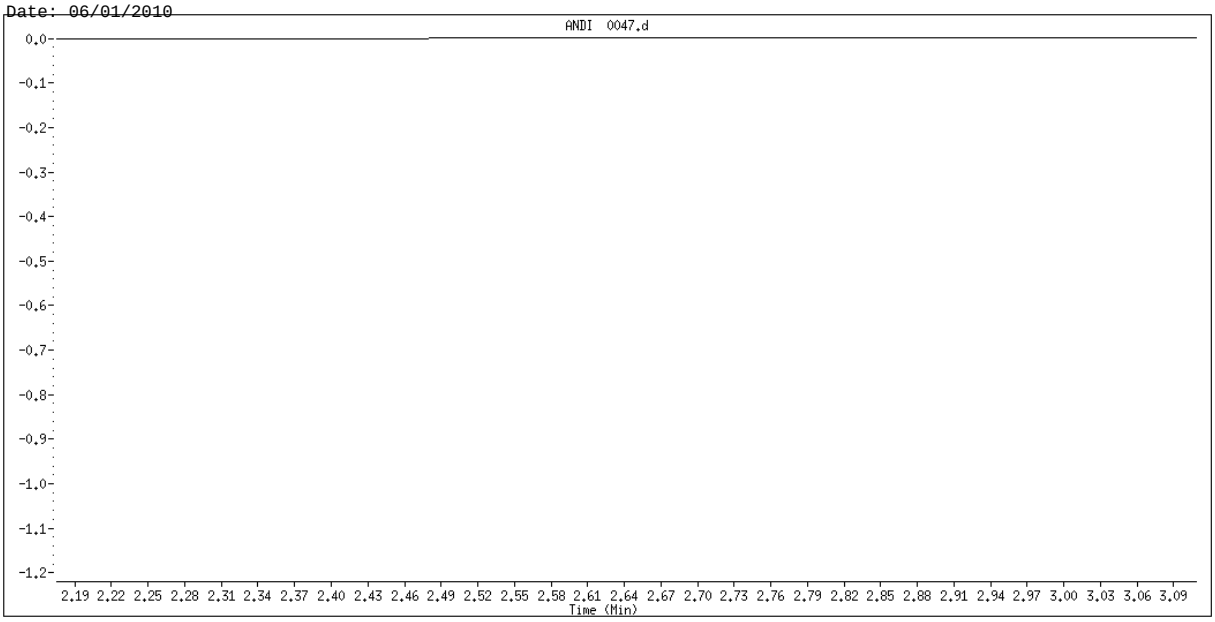
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0047.d
Date : 27-MAY-2010 23:59
Client ID:
Sample Info: L184T
Purge Volume: 1.0
Column phase: AS14

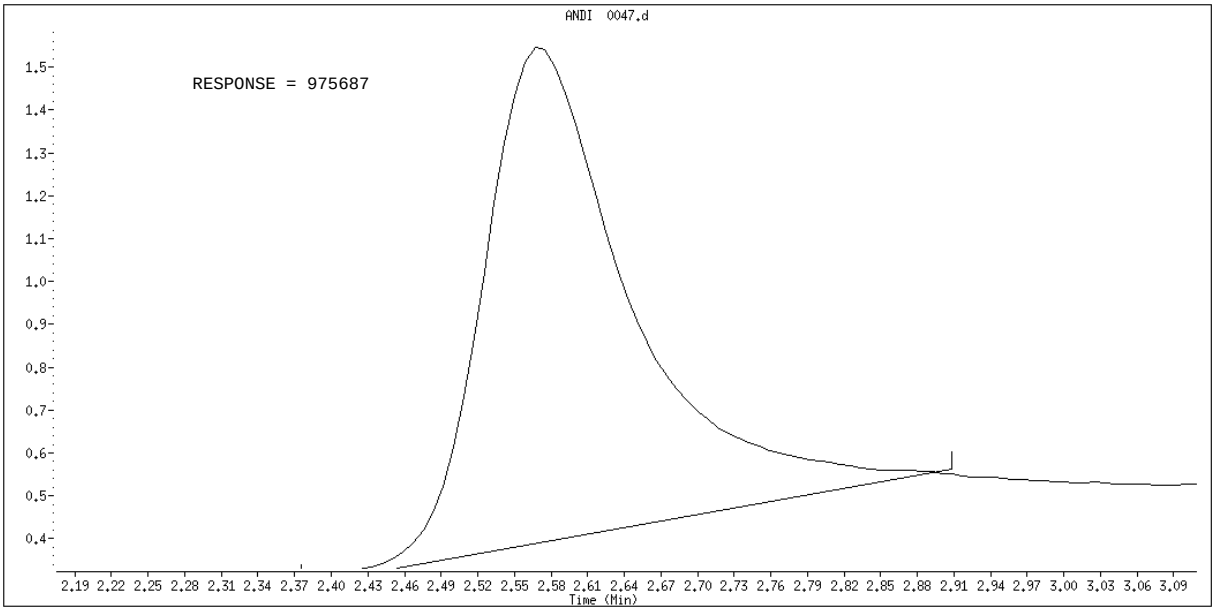
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0047.d
Inj. Date and Time: 27-MAY-2010 23:59
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic120.i\052710.b\0048.d
Report Date: 01-Jun-2010 14:35

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\052710.b\0048.d
Lab Smp Id: L184P
Inj Date : 28-MAY-2010 00:15
Operator : 001754 Inst ID: ic120.i
Smp Info : L184P
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 01-Jun-2010 14:35 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

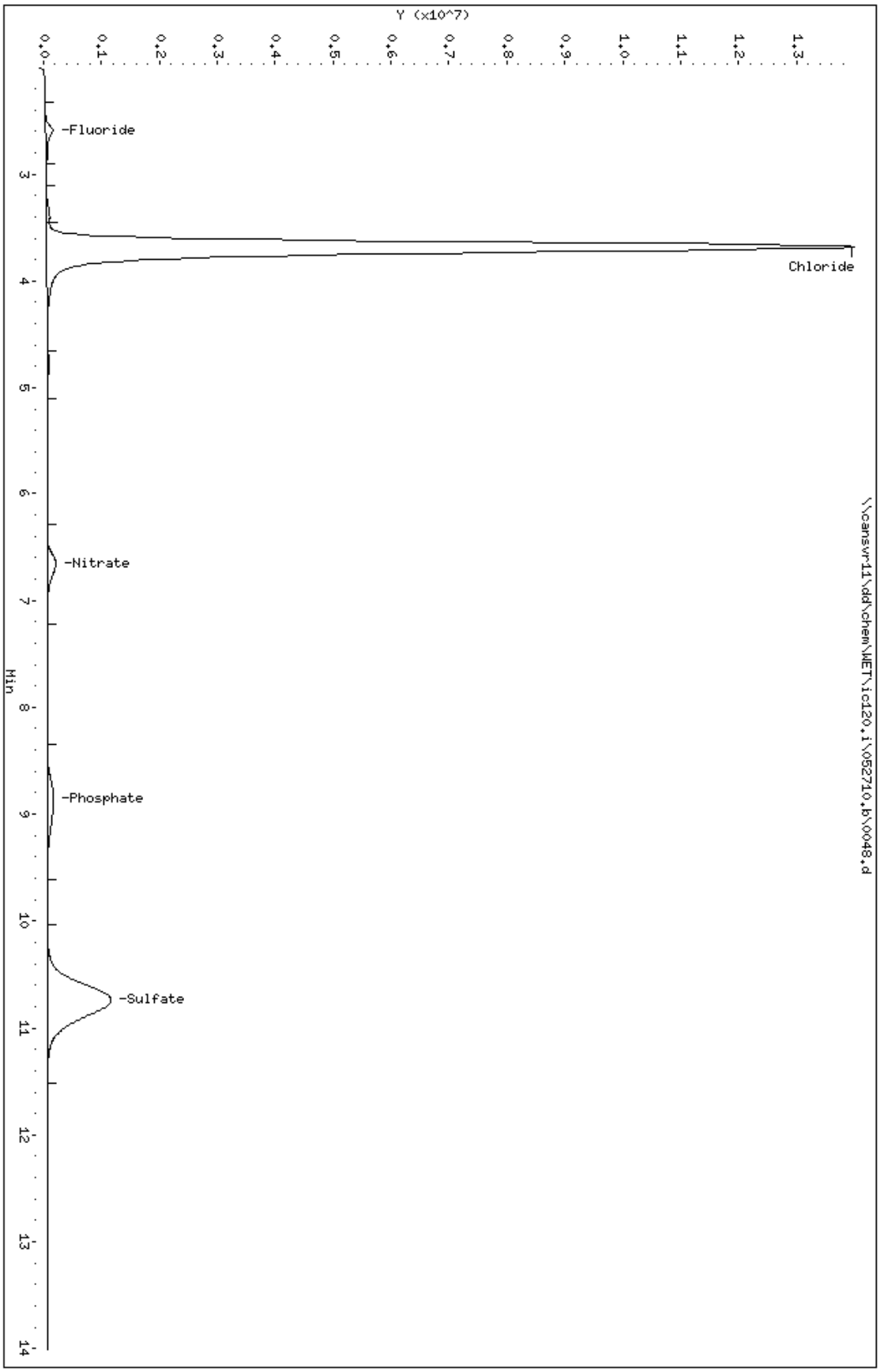
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.591	2.550	0.041	878099	0.09601	0.09601(M)
2 Chloride	3.683	3.650	0.033	105603921	13.7368	13.74
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.658	6.433	0.225	2403247	0.16217	0.1622
6 Phosphate	8.858	8.633	0.225	3262682	0.41424	0.4142
7 Sulfate	10.741	10.575	0.166	25422993	5.03089	5.031

QC Flag Legend

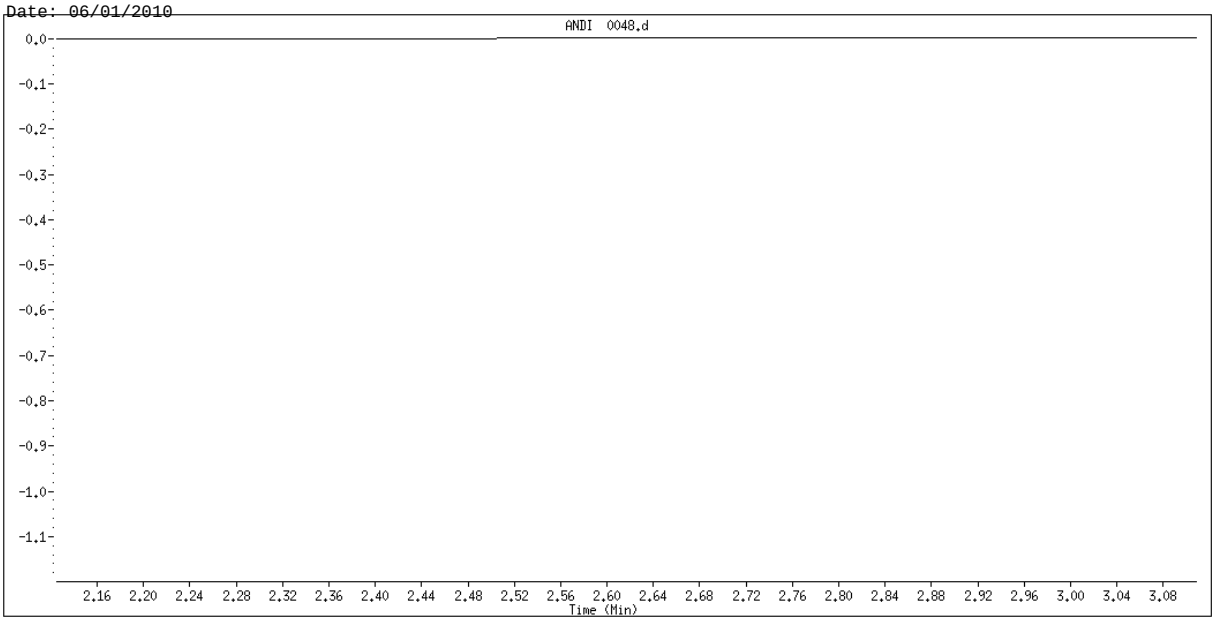
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0048.d
Date : 28-MAY-2010 00:15
Client ID:
Sample Info: L184P
Purge Volume: 1.0
Column Phase: AS14

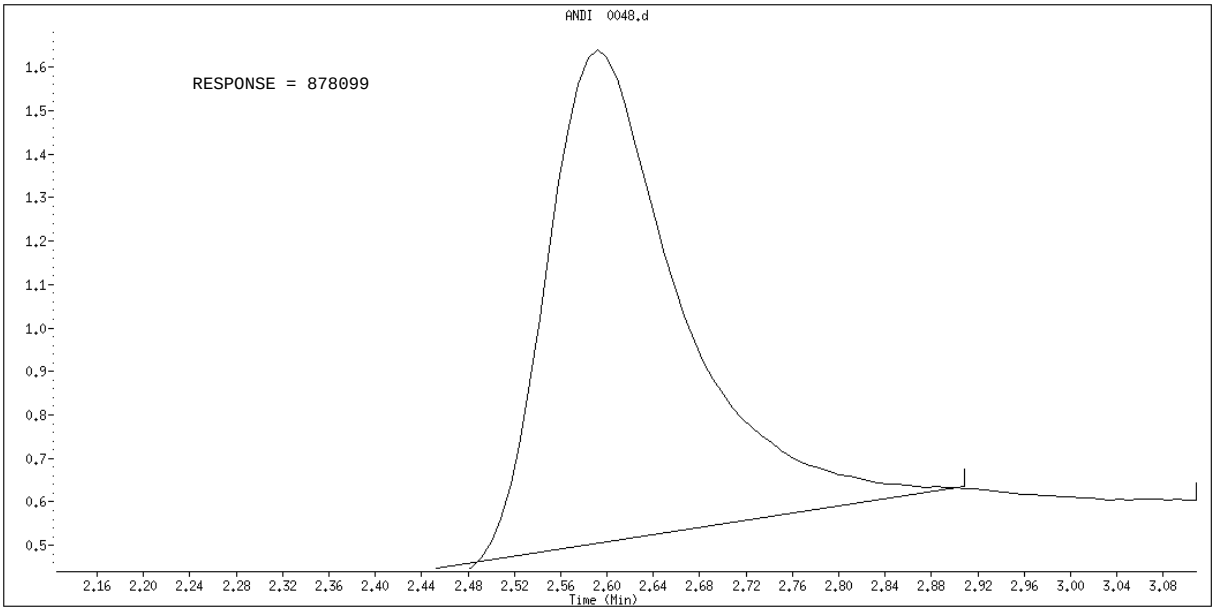
Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File Name: 0048.d
Inj. Date and Time: 28-MAY-2010 00:15
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic120.i\052710.b\0049.d
Report Date: 01-Jun-2010 14:35

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\052710.b\0049.d
Lab Smp Id: L184Q
Inj Date : 28-MAY-2010 00:32
Operator : 001754 Inst ID: ic120.i
Smp Info : L184Q
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

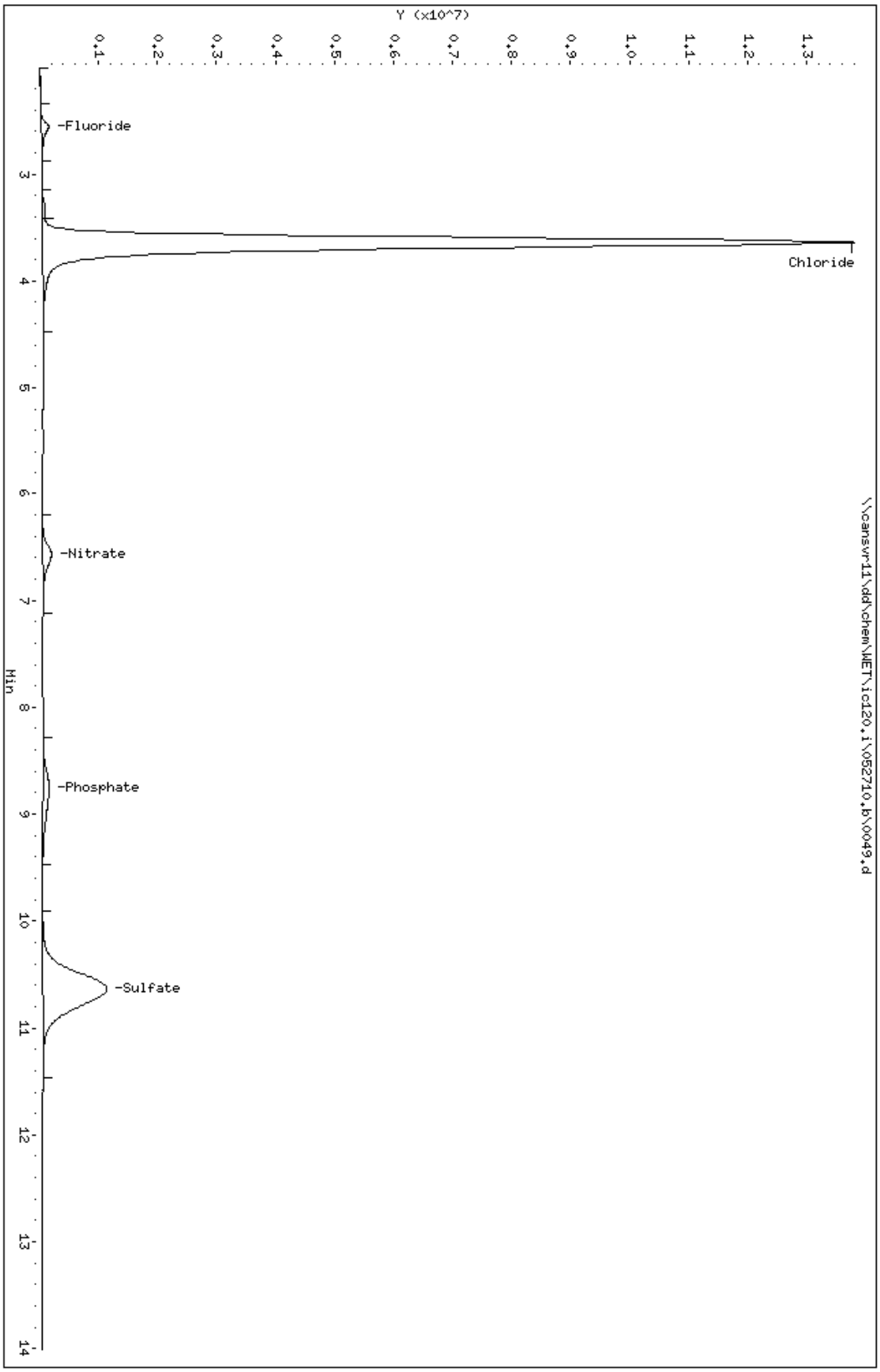
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.558	2.550	0.008	1068830	0.11686	0.1168
2 Chloride	3.641	3.650	-0.009	103026354	13.4016	13.40
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.566	6.433	0.133	2321538	0.15665	0.1566
6 Phosphate	8.758	8.633	0.125	3055510	0.38457	0.3846
7 Sulfate	10.633	10.575	0.058	25145358	4.97595	4.976

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0049.d
Date : 28-MAY-2010 00:32
Client ID:
Sample Info: L184Q
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\052710.b\0050.d
Report Date: 01-Jun-2010 14:37

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\052710.b\0050.d
Lab Smp Id: L184N ORG
Inj Date : 28-MAY-2010 00:48
Operator : 001754 Inst ID: ic120.i
Smp Info : L184N ORG
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 01-Jun-2010 14:35 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

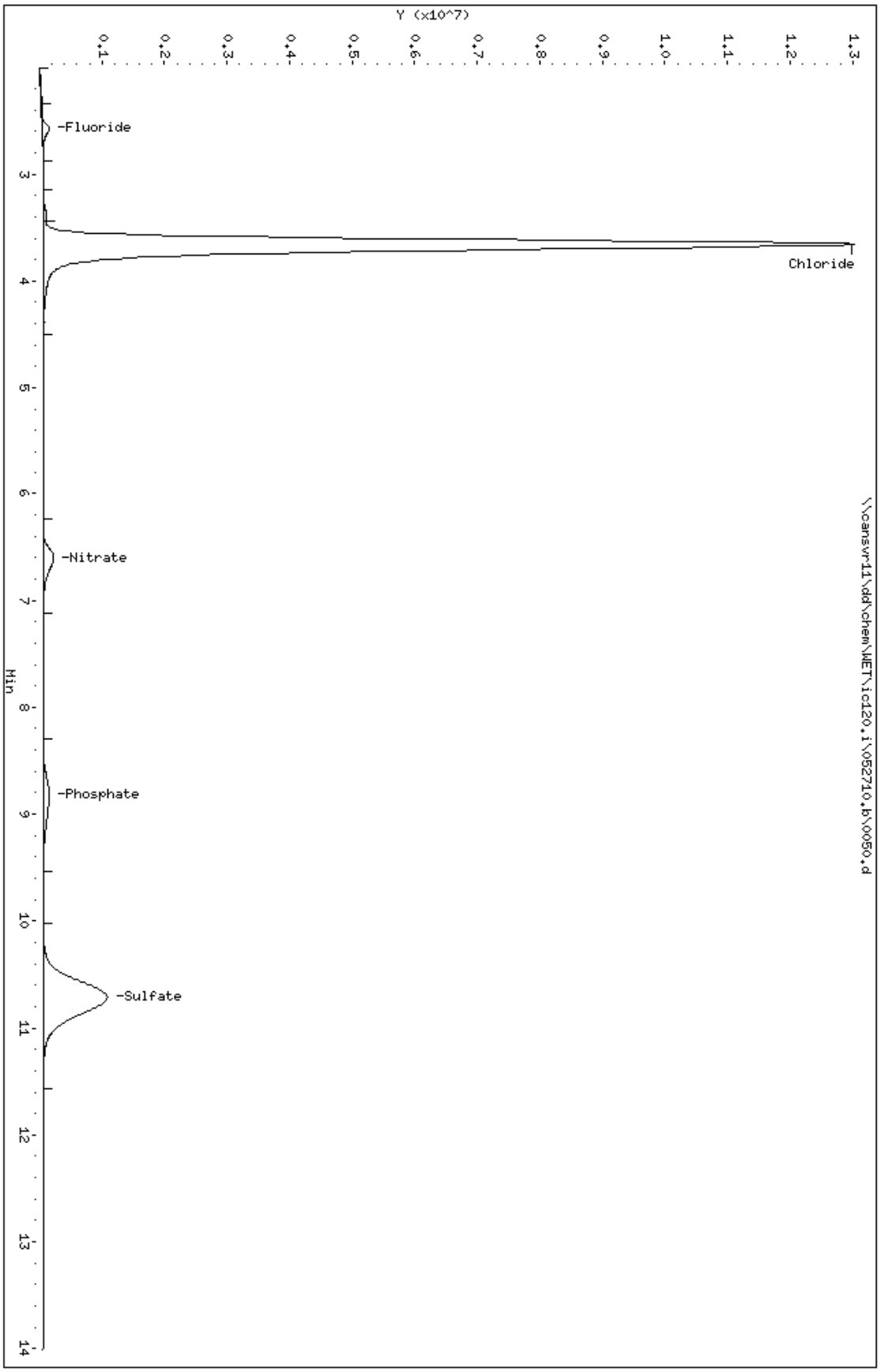
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.550	0.025	904691	0.09891	0.09891(M)
2 Chloride	3.658	3.650	0.008	97674494	12.7054	12.70
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	6.608	6.433	0.175	2658839	0.17941	0.1794
6 Phosphate	8.825	8.633	0.192	2772998	0.34412	0.3441
7 Sulfate	10.716	10.575	0.141	23781720	4.70610	4.706

QC Flag Legend

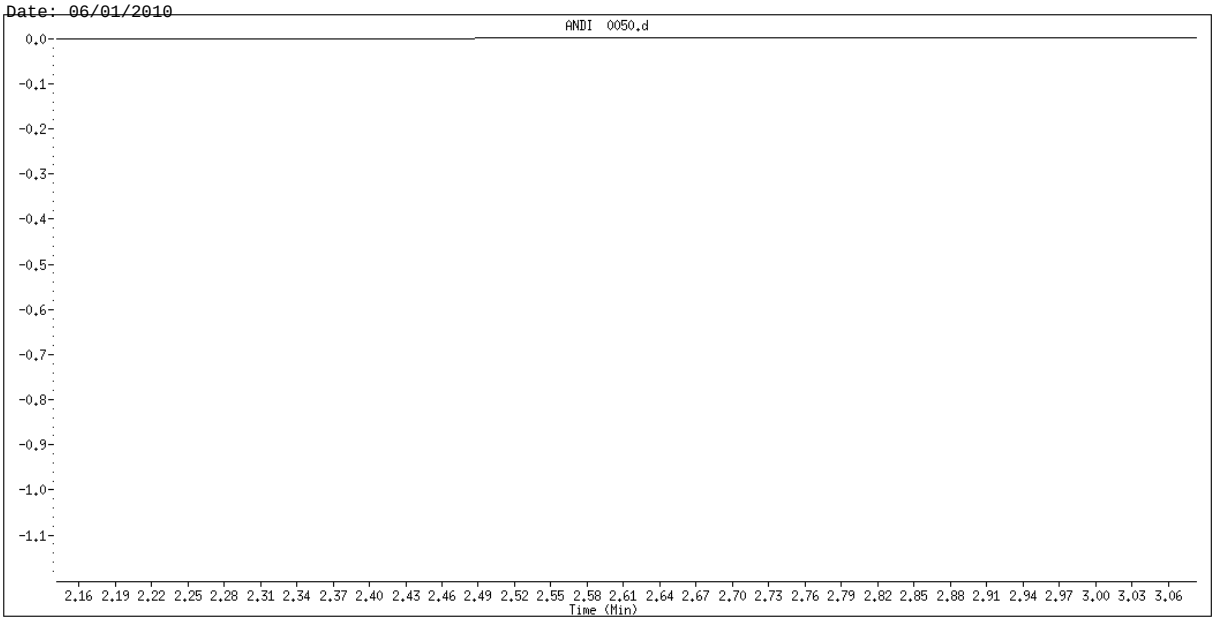
M - Compound response manually integrated.

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0050.d
Date : 28-MAY-2010 00:48
Client ID:
Sample Info: L184N ORG
Purge Volume: 1.0
Column Phase: AS14

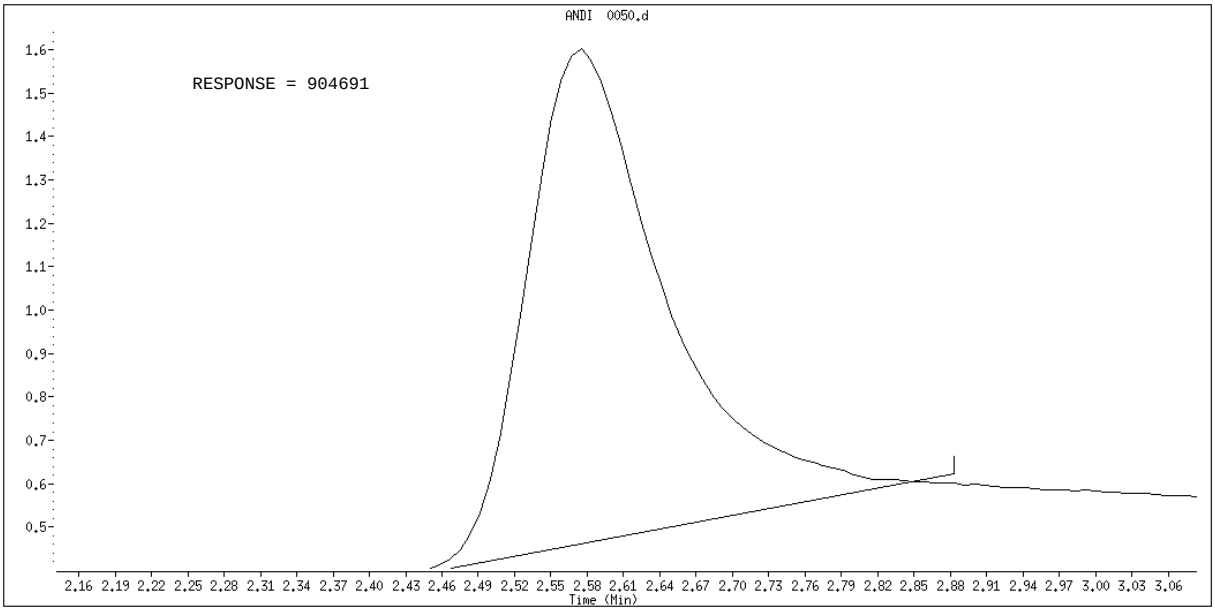
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File Name: 0050.d
Inj. Date and Time: 28-MAY-2010 00:48
Instrument ID: ic120.i
Client ID:
Compound Name: Fluoride
CAS #: Q338
Report Date: 06/01/2010



Original Integration



Manual Integration

Manually Integrated By: wetchemnc
Manual Integration Reason: Baseline Event

Data File: \\cansvr11\chem\WET\ic120.i\052710.b\0051.d
Report Date: 01-Jun-2010 14:35

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\052710.b\0051.d
Lab Smp Id: L184N MS
Inj Date : 28-MAY-2010 01:04
Operator : 001754 Inst ID: ic120.i
Smp Info : L184N MS,,3
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 28-May-2010 11:14 burnsj Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

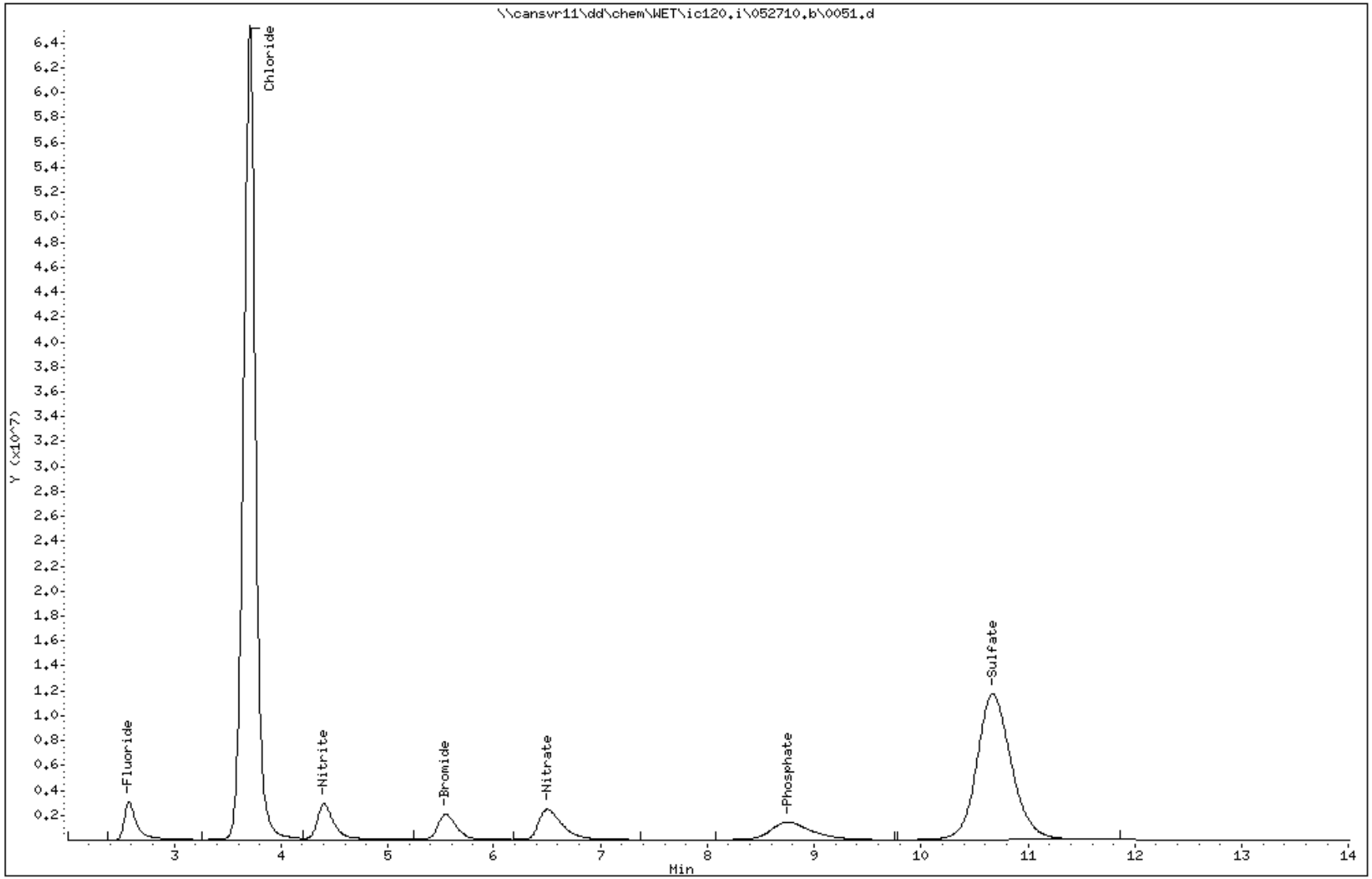
Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	2.575	2.550	0.025	26462566	2.89327	2.893(R)
2 Chloride	3.708	3.650	0.058	513347819	66.7757	66.78(R)
3 Nitrite	4.400	4.350	0.050	33502079	2.67663	2.677
4 Bromide	5.541	5.475	0.066	25986177	9.63885	9.639
5 Nitrate	6.508	6.433	0.075	38168512	2.57555	2.576
6 Phosphate	8.750	8.633	0.117	37424853	5.30585	5.306(R)
7 Sulfate	10.666	10.575	0.091	262449933	51.9355	51.94

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\cansvr11\dd\chem\WET\ic120.i\052710.b\0051.d
Date : 28-MAY-2010 01:04
Client ID:
Sample Info: L184N MS,,3
Purge Volume: 1.0
Column phase: AS14

Instrument: ic120.i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\052710.b\0052.d
Report Date: 01-Jun-2010 14:35

TestAmerica North Canton

CONTINUING CALIBRATION COMPOUNDS

Instrument ID: ic120.i Injection Date: 28-MAY-2010 01:21
Lab File ID: 0052.d Init. Cal. Date(s): 26-MAY-2010 26-MAY-2010
Analysis Type: WATER Init. Cal. Times: 13:13 15:24
Lab Sample ID: CCV Quant Type: ESTD
Method: \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m

COMPOUND	RRF / AMOUNT	RF3	CCAL RRF3	MIN RRF	%D / %DRIFT	MAX %D / %DRIFT	CURVE TYPE
1 Fluoride	9146263	8808160	8808160	0.010	3.69662	10.00000	Averaged
2 Chloride	7687643	7911369	7911369	0.010	-2.91020	10.00000	Averaged
3 Nitrite	12516496	12165148	12165148	0.010	2.80707	10.00000	Averaged
4 Bromide	2695983	2546953	2546953	0.010	5.52784	10.00000	Averaged
5 Nitrate	14819560	14390560	14390560	0.010	2.89483	10.00000	Averaged
6 Phosphate	2.50000	2.71139	7722239	0.010	-8.45555	10.00000	Linear
7 Sulfate	5053378	4829534	4829534	0.010	4.42959	10.00000	Averaged

Data File: \\cansvr11\chem\WET\ic120.i\052710.b\0052.d
Report Date: 01-Jun-2010 14:35

TestAmerica North Canton

ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\052710.b\0052.d
Lab Smp Id: CCV
Inj Date : 28-MAY-2010 01:21
Operator : 001754 Inst ID: ic120.i
Smp Info : CCV,,2
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 01-Jun-2010 14:35 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

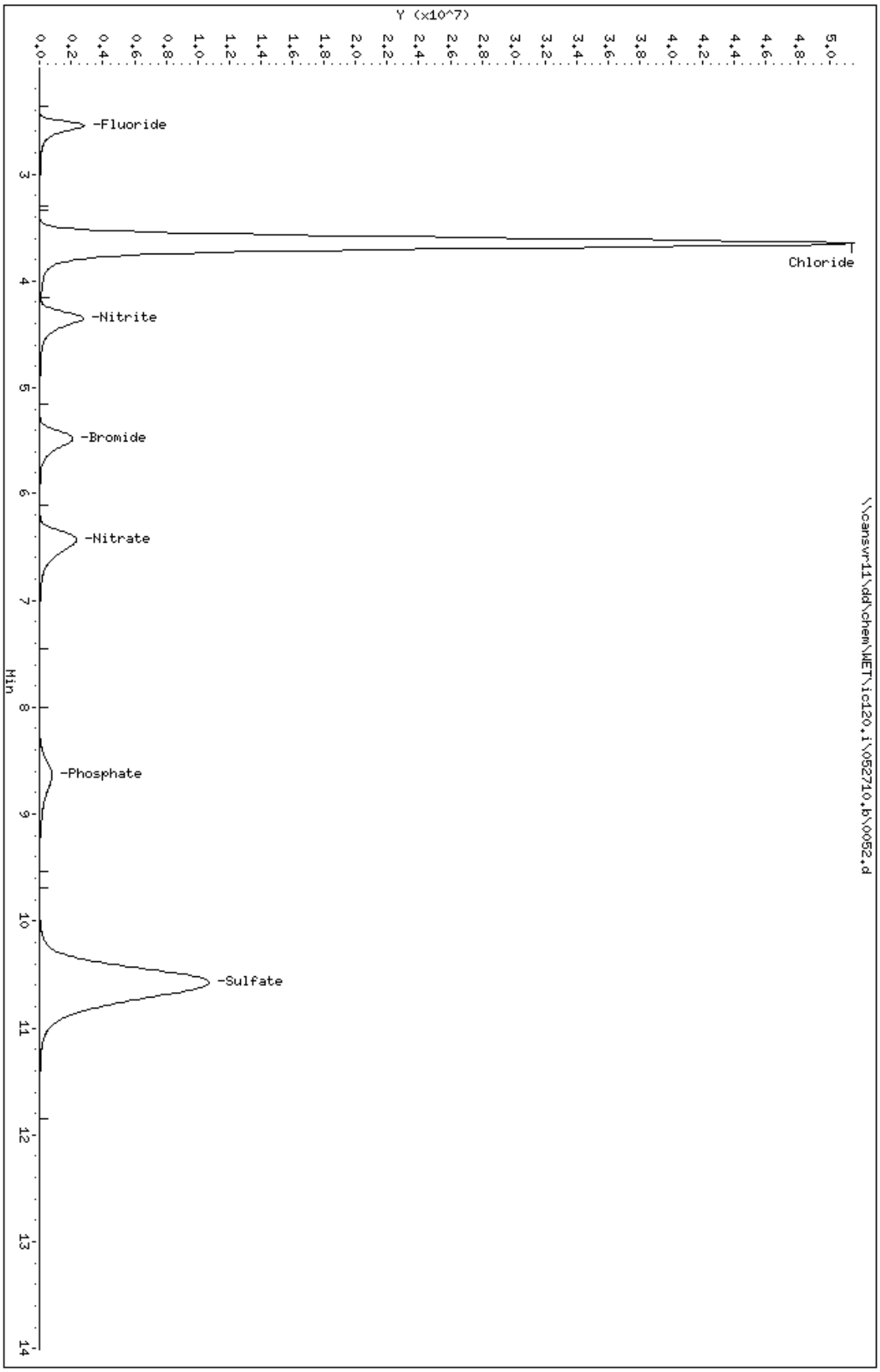
Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (mg/L)	AMOUNTS ON-COL (mg/L)
1 Fluoride	2.550	2.550	0.000	22020401	2.50000	2.408
2 Chloride	3.650	3.650	0.000	395568432	50.0000	51.46
3 Nitrite	4.350	4.350	0.000	30412871	2.50000	2.430
4 Bromide	5.475	5.475	0.000	25469530	10.0000	9.447
5 Nitrate	6.433	6.433	0.000	35976399	2.50000	2.428
6 Phosphate	8.633	8.633	0.000	19305598	2.50000	2.711
7 Sulfate	10.575	10.575	0.000	241476699	50.0000	47.78

Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0052.d
Date : 28-MAY-2010 01:21
Client ID:
Sample Info: CCV,,2
Purge Volume: 1.0
Column Phase: AS14

Instrument: ic120,i
Operator: 001754
Column diameter: 0.00



Data File: \\cansvr11\chem\WET\ic120.i\052710.b\0053.d
Report Date: 01-Jun-2010 14:35

TestAmerica North Canton

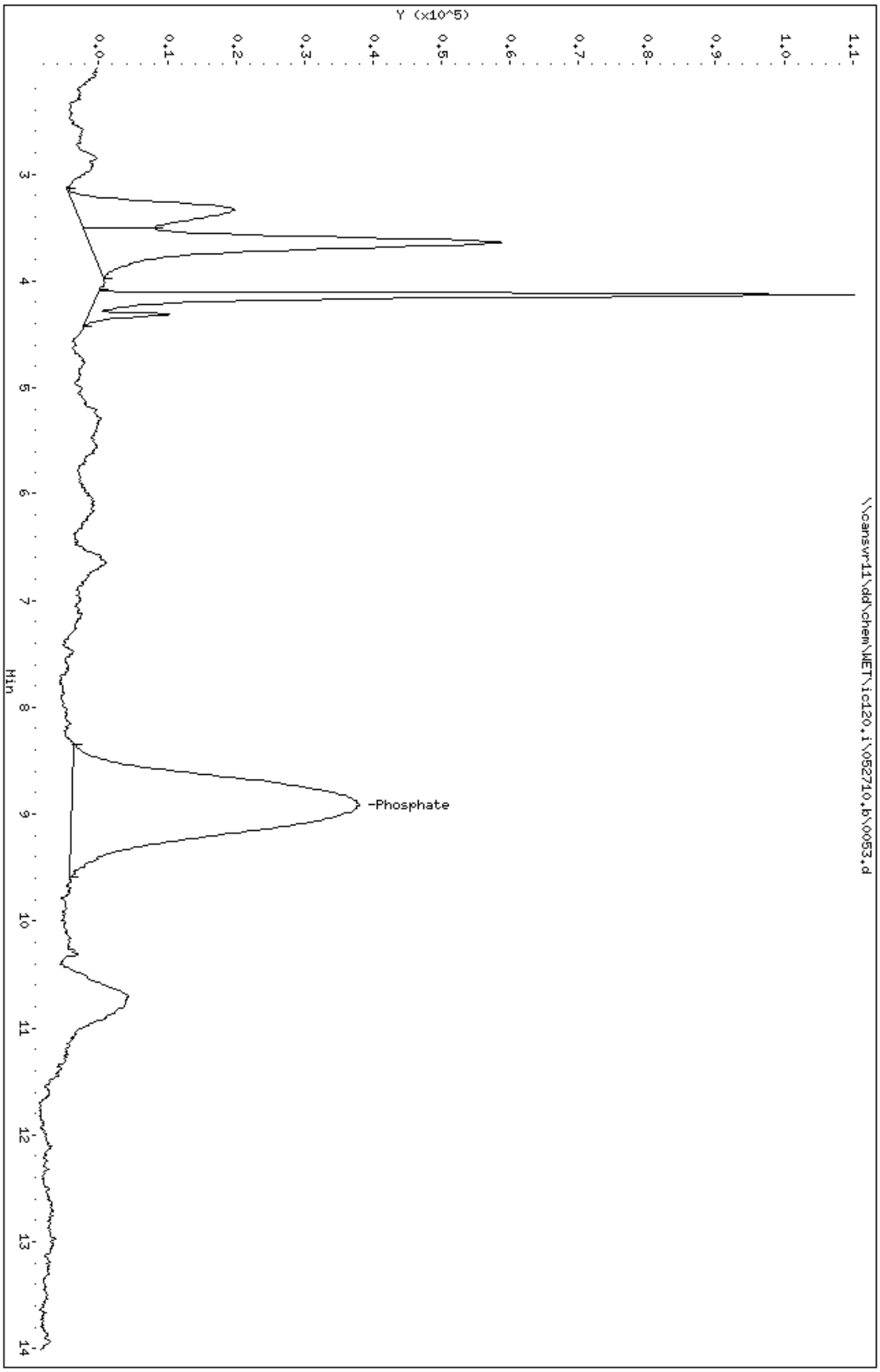
ION CHROMATOGRAPHY

Data file : \\cansvr11\chem\WET\ic120.i\052710.b\0053.d
Lab Smp Id: CCB
Inj Date : 28-MAY-2010 01:37
Operator : 001754 Inst ID: ic120.i
Smp Info : CCB
Misc Info : None
Comment :
Method : \\cansvr11\chem\WET\ic120.i\052710.b\DX120.m
Meth Date : 01-Jun-2010 14:35 scotts Quant Type: ESTD
Cal Date : 26-MAY-2010 13:13 Cal File: 0002.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14
Processing Host: CANPCHROMELEON

Concentration Formula: Amt * DF * Vo * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Vo	1.000	Initial Volume
Cpnd Variable		Local Compound Variable

Compounds	RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COLUMN (mg/L)	FINAL (mg/L)
1 Fluoride	Compound Not Detected.					
2 Chloride	Compound Not Detected.					
3 Nitrite	Compound Not Detected.					
4 Bromide	Compound Not Detected.					
5 Nitrate	Compound Not Detected.					
6 Phosphate	8.916	8.633	0.283	1437818	0.15294	0.1529
7 Sulfate	Compound Not Detected.					


Data File: \\cansvr11\dd\chem\WET\ic120,i\052710,b\0053.d
Date : 28-MAY-2010 01:37
Client ID:
Sample Info: CCB
Purge Volume: 1.0
Column Phase: AS14
Instrument: ic120,i
Operator: 001754
Column diameter: 0.00
\\cansvr11\dd\chem\WET\ic120,i\052710,b\0053.d
Y (x10^5)
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
3
4
5
6
7
8
9
10
11
12
13
14
Min
-Phosphate

TestAmerica, North Canton

General Chemistry Data Review Checklist

Parameter(s): Total Phos

Batch(es): 0154344, 5, 84

Method #/SOP#: 4500 PE

Review Items	Level I Review			Level II Review		
A. Initial Calibration	YES	NO	N/A	YES	NO	N/A
1. Initial calibration correlation coefficient ≥ 0.995?	✓			✓		
2. Calibration curve consist of the minimum number of calibration standards?	✓			✓		
3. ICV analyzed at immediately after calibration and within control limits ? (90-110%)	✓			✓		
4. ICB analyzed immediately after ICV and within criteria (± RL)?	✓			✓		
B. Continuing Calibration						
1. CCV analyzed every 10 samples, at end of sequence and within criteria?	✓			✓		
2. CCB analyzed every 10 samples, at end of sequence & within criteria (±RL)?	✓			✓		
C. Sample Results						
1. Were samples with concentrations > the linear range diluted and reanalyzed ?	✓			✓		
2. All reported results bracketed by in control QC ?	✓			✓		
3. Sample analyses done within holding time ?	✓			✓		
D. Quality Control						
1. LCS per prep batch and within QC limits ? *(LCSD, where applicable)*	✓			✓		
2. Method blank done per prep batch and < RL. Method blank RL supports the lowest RL reported for the batch?	✓			✓		
3. MS/MSD run at required frequency and evaluated? MS/MSD reported properly and calculated correctly?	✓			✓		
4. Duplicate samples run at required frequency (duplicate sample performed per matrix encountered)?			✓			✓
E. Titrant						
1. Titrant standardized?			✓			✓
2. If no, standardization expires			✓			
F. Other						
1. Are all nonconformances documented appropriately (NCM or narrative)?			✓			✓
2. Calculations checked for error ?			✓	✓		
3. Transcriptions checked for error ?	✓			✓		
4. All client/project specific requirements met ?	✓			✓		
5. Date/time of preparation and analysis verified as correct ?	✓			✓		
6. Units verified as correct?	✓			✓		
7. Dilutions have been properly applied and RL's adjusted appropriately?	✓			✓		
8. SOP followed?	✓			✓		
9. Calculations checked at minimum frequency (at least 20%, 100% for QC)?	✓			✓		
10. All reagent and standard numbers recorded in logbook?	✓			✓		
11. Edits dated and initialed	✓			✓		

Comment on any "NO" response(s):

Level I reviewer: Bruce Woodward Date: 6/3/10

Level II Reviewer: OC Date: 6/4/10

N:\Inorganics\spreadsheets2\Use This Wet Chem_Level I.doc
Corporate Policy, QA-012
Revision date: 08/25/00

Result Report Aquakem 7.1AQ2 Page: 1

TestAmerica Laboratory
KoneLab 200

Method 4500 PE

Date : 6/3/2010
Time : 15:45

Test TOTAL P04
Unit mg/l

Sample ID:	Result	Dilut	Man.dilut	Resp.	Date and Time
CCV - TP	0.487			0.310	6/3/2010 14:41
CCB - TP	0.000			0.008	6/3/2010 14:41
CCV - TP	0.488			0.311	6/3/2010 15:07
CCB - TP	-0.001			0.007	6/3/2010 15:07
BLK TP	-0.010			0.001	6/3/2010 15:07
BLK 2	-0.011			0.001	6/3/2010 15:07
L1839	0.245			0.160	6/3/2010 15:07
L184N	0.045			0.036	6/3/2010 15:07
L184P	0.052			0.040	6/3/2010 15:07
L184Q	0.055			0.042	6/3/2010 15:07
L184T	0.052			0.040	6/3/2010 15:07
L179V	0.039			0.032	6/3/2010 15:07
CCV - TP	0.485			0.309	6/3/2010 15:10
CCB - TP	-0.000			0.007	6/3/2010 15:10
L179V MS	0.542			0.344	6/3/2010 15:10
L179V MSD	0.540			0.343	6/3/2010 15:10
L1796	0.006			0.011	6/3/2010 15:10
L1798	0.040			0.033	6/3/2010 15:10
L18AA	-0.008			0.002	6/3/2010 15:10
L18C5	0.024			0.023	6/3/2010 15:10
L17HC	0.060			0.045	6/3/2010 15:10
CCV - TP	0.490			0.312	6/3/2010 15:14
CCB - TP	-0.001			0.007	6/3/2010 15:14
L17HC MS	0.507			0.322	6/3/2010 15:14
L17HC MSD	0.507			0.323	6/3/2010 15:14
L17HE	0.040			0.032	6/3/2010 15:14
L17HG	0.038			0.032	6/3/2010 15:14
L17HH	0.038			0.031	6/3/2010 15:14
L17HJ	0.052			0.040	6/3/2010 15:14
L17HQ	0.042			0.034	6/3/2010 15:14
L17HR	0.040			0.033	6/3/2010 15:14
L17HT	0.047			0.037	6/3/2010 15:14
L17HV	0.026			0.024	6/3/2010 15:14
CCV - TP	0.484			0.309	6/3/2010 15:17
CCB - TP	-0.002			0.006	6/3/2010 15:17
L17HX	0.035			0.030	6/3/2010 15:17
L17H1	0.034			0.029	6/3/2010 15:17
L17H2	0.032			0.028	6/3/2010 15:17
L17H3	0.034			0.028	6/3/2010 15:17
L17H5	0.036			0.030	6/3/2010 15:17
L17H6	0.052			0.040	6/3/2010 15:17
L17H8	-0.009			0.002	6/3/2010 15:17
CCV - TP	0.484			0.308	6/3/2010 15:18
CCB - TP	-0.002			0.007	6/3/2010 15:19
LCS	2.296	1+4.0		0.293	6/3/2010 15:20
LCS 2	2.312	1+4.0		0.295	6/3/2010 15:20
CCV - TP	0.490			0.312	6/3/2010 15:22
CCB - TP	-0.001			0.007	6/3/2010 15:22
L2DJ5	1.477	1+4.0		0.191	6/3/2010 15:25
L17VE	2.294	1+4.0		0.293	6/3/2010 15:26
CCB - TP	0.002			0.009	6/3/2010 15:27
CCV - TP	0.490			0.312	6/3/2010 15:29
CCV - TP	0.490			0.312	6/3/2010 15:43

TestAmerica Laboratory
KoneLab 200

Date : 6/3/2010
Time : 15:45

Test TOTAL P04
Unit mg/l

Sample ID:	Result	Dilut	Man.dilut	Resp.	Date and Time
CCB - TP	0.001			0.008	6/3/2010 15:43
L17VL	7.578	1+9.0		0.478	6/3/2010 15:43
CCV - TP	0.488			0.311	6/3/2010 15:44
CCB - TP	-0.001			0.007	6/3/2010 15:44

TestAmerica Laboratory
KoneLab 200

6/3/2010 15:45

Test: TOTAL P04

Sample Id	Result	Dil. 1 +	Response	Errors
CCV - TP	0.487	0.0	0.310	
CCB - TP	0.000	0.0	0.008	
CCV - TP	0.488	0.0	0.311	
CCB - TP	-0.001	0.0	0.007	
BLK TP	-0.010	0.0	0.001	
BLK 2	-0.011	0.0	0.001	
LCS	1.540	0.0	0.964	R Dil. limit high
LCS 2	1.602	0.0	1.003	R Dil. limit high
L1839	0.245	0.0	0.160	
L184N	0.045	0.0	0.036	
L184P	0.052	0.0	0.040	
L184Q	0.055	0.0	0.042	
L184T	0.052	0.0	0.040	
L179V	0.039	0.0	0.032	
CCV - TP	0.485	0.0	0.309	
CCB - TP	-0.000	0.0	0.007	
L179V MS	0.542	0.0	0.344	
L179V MSD	0.540	0.0	0.343	
L1796	0.006	0.0	0.011	
L1798	0.040	0.0	0.033	
L18AA	-0.008	0.0	0.002	
L18C5	0.024	0.0	0.023	
L2DJ5	1.251	0.0	0.785	R Dil. limit high
L17VE	1.595	0.0	0.998	R Dil. limit high
L17VL	2.611	0.0	1.629	R Dil. limit high
L17HC	0.060	0.0	0.045	
CCV - TP	0.490	0.0	0.312	
CCB - TP	-0.001	0.0	0.007	
L17HC MS	0.507	0.0	0.322	
L17HC MSD	0.507	0.0	0.323	
L17HE	0.040	0.0	0.032	
L17HG	0.038	0.0	0.032	
L17HH	0.038	0.0	0.031	
L17HJ	0.052	0.0	0.040	
L17HQ	0.042	0.0	0.034	
L17HR	0.040	0.0	0.033	
L17HT	0.047	0.0	0.037	
L17HV	0.026	0.0	0.024	
CCV - TP	0.484	0.0	0.309	
CCB - TP	-0.002	0.0	0.006	
L17HX	0.035	0.0	0.030	
L17H1	0.034	0.0	0.029	
L17H2	0.032	0.0	0.028	
L17H3	0.034	0.0	0.028	
L17H5	0.036	0.0	0.030	
L17H6	0.052	0.0	0.040	
L17H8	-0.009	0.0	0.002	
CCV - TP	0.484	0.0	0.308	
CCB - TP	-0.002	0.0	0.007	
LCS	2.296	4.0	0.293	R
LCS 2	2.312	4.0	0.295	R
CCV - TP	0.490	0.0	0.312	
CCB - TP	-0.001	0.0	0.007	
L2DJ5	1.477	4.0	0.191	R
L17VE	2.294	4.0	0.293	R

TestAmerica Laboratory
KoneLab 200

6/3/2010 15:45

Test: TOTAL PO4

Sample Id	Result	Dil. 1 +	Response	Errors
L17VL	5.929	4.0	0.744	R Test limit high
CCB - TP	0.002	0.0	0.009	
CCV - TP	0.490	0.0	0.312	
CCV - TP	0.490	0.0	0.312	
CCB - TP	0.001	0.0	0.008	
L17VL	7.578	9.0	0.478	R
CCV - TP	0.488	0.0	0.311	
CCB - TP	-0.001	0.0	0.007	

N	43
Mean	0.784
SD	1.5529
CV%	198.10

TestAmerica Laboratory
KoneLab 200

6/3/2010 14:42

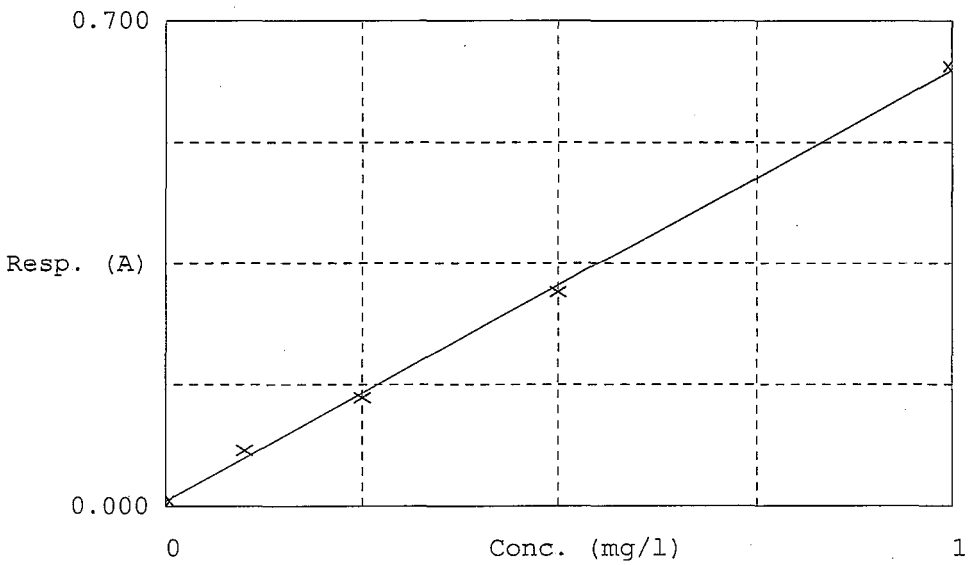
Test TOTAL P04

Accepted 6/3/2010 14:42

Factor 1.61
Bias 0.008

Coeff. of det. 0.998834

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	TP-0	0.008	0.0003	0.0000	
2	TP-1	0.081	0.1174	0.1000	
3	TP-2	0.156	0.2391	0.2500	
4	TP-3	0.308	0.4843	0.5000	
5	TP-4	0.634	1.0088	1.0000	
6	CCB - TP(contro	0.008	0.0002	0.0000	
7	CCV - TP(contro	0.310	0.4873	0.5000	

TestAmerica, North Canton
PO4/OPO4 Reagents/Standards

Date: 6/3/2010

Analyst: BW

Reagent Name	Reagent Number	
6 N NaOH	WR00117	WR00511
11 N H2SO4	WR00334	
5 N H2SO4	WR00486	
Antimony Potassium Tartrate	WR00510	
Ammonium Molybdate	WR00390	
Phenolphthalein	WR00487	
Ascorbic Acid	**WR00513**	
Combined Reagent.	**WR00514**	
Persulfate	WR91165	

Standard	Standard Number	Prep	Exp
Total Phos			
Cal I	**PO0318**	**6/3/10**	**6/3/10**
Cal II	**PO0319**	**6/3/10**	**6/3/10**
Cal III	**PO0320**	**6/3/10**	**6/3/10**
Cal IV	**PO0321**	**6/3/10**	**6/3/10**
CCV	**PO0322**	**6/3/10**	**6/3/10**
50 ppm PO4	PO0312	6/2/10	7/2/10
1000 ppm PO4	P00038	.	
LCS =2.56mg/L	**137208**	**1/7/2010**	**7/7/2010**
Ortho Phos			
Cal	***P00290***	***5/21/10***	***06/21/10***
CCV	***PO0301***	**5/25/10**	**5/25/10**
LCS Prep Date	***P160-505***	***8/2/09***	
TV=3.91			
TV=3.16	***Q027-505***	**11/20/2009**	
TV=2.48	**129932**		

TestAmerica, North Canton

General Chemistry Data Review Checklist

Parameter(s): Alk - C - Bicarb

Batch(es): 01560022|3|4|5|6|7|8

Method #/SOP#: 310.1

Review Items	Level I Review			Level II Review		
A. Initial Calibration	YES	NO	N/A	YES	NO	N/A
1. Initial calibration correlation coefficient ≥ 0.995?	✓			✓		
2. Calibration curve consist of the minimum number of calibration standards?	✓			✓		
3. ICV analyzed at immediately after calibration and within control limits ? (90-110%)	✓			✓		
4. ICB analyzed immediately after ICV and within criteria (± RL)?	✓			✓		
B. Continuing Calibration						
1. CCV analyzed every 10 samples, at end of sequence and within criteria?	✓			✓		
2. CCB analyzed every 10 samples, at end of sequence & within criteria (±RL)?	✓			✓		
C. Sample Results						
1. Were samples with concentrations > the linear range diluted and reanalyzed ?			✓			✓
2. All reported results bracketed by in control QC ?	✓			✓		
3. Sample analyses done within holding time ?	✓			✓		
D. Quality Control						
1. LCS per prep batch and within QC limits ? *(LCSD, where applicable)*	✓			✓		
2. Method blank done per prep batch and < RL. Method blank RL supports the lowest RL reported for the batch?	✓			✓		
3. MS/MSD run at required frequency and evaluated? MS/MSD reported properly and calculated correctly?	✓		✓	✓		
4. Duplicate samples run at required frequency (duplicate sample performed per matrix encountered)?	✓			✓		
E. Titrant						
1. Titrant standardized?			✓			✓
2. If no, standardization expires			✓			✓
F. Other						
1. Are all nonconformances documented appropriately (NCM or narrative)?			✓			✓
2. Calculations checked for error ?	✓			✓		
3. Transcriptions checked for error ?	✓			✓		
4. All client/project specific requirements met ?	✓			✓		
5. Date/time of preparation and analysis verified as correct ?	✓			✓		
6. Units verified as correct?	✓			✓		
7. Dilutions have been properly applied and RL's adjusted appropriately?			✓			✓
8. SOP followed?	✓			✓		
9. Calculations checked at minimum frequency (at least 20%, 100% for QC)?	✓			✓		
10. All reagent and standard numbers recorded in logbook?	✓			✓		
11. Edits dated and initialed			✓			✓

Comment on any "NO" response(s):

Level I reviewer: JM **Date:** 6/7/10

Level II Reviewer: J Kuhee **Date:** 6/7/10

Bi 0156022/3/4 0158031 C 0156025/4/7 0158035 T 0156028

680

Test America

Analyst_____

LCS _____

Date _____

Sample Name	Run Date	Run Time	Conductivity	pH	P-Alk	Total Alk	BiCarbonate	Carbonate	Hydroxide	Fluoride	Acid Volume	Acidity
* L1839++	06/04/2010	2:40 PM	0000.00	7.7686	0.0000	68.1977	68.1977	0.0000	0.0000	0.0000	.00	.00
L184N++	06/04/2010	2:51 PM	0000.00	7.6399	0.0000	62.3387	62.3387	0.0000	0.0000	0.0000	.00	.00
* L184P++	06/04/2010	3:02 PM	0000.00	7.8116	0.0000	64.9630	64.9630	0.0000	0.0000	0.0000	.00	.00
L184Q++	06/04/2010	3:14 PM	0000.00	7.7116	0.0000	68.8655	68.8655	0.0000	0.0000	0.0000	.00	.00
L184T++	06/04/2010	3:25 PM	0000.00	7.5849	0.0000	62.5285	62.5285	0.0000	0.0000	0.0000	.00	.00
L179V++	06/04/2010	3:37 PM	0000.00	7.7932	0.0000	139.4476	139.4476	0.0000	0.0000	0.0000	.00	.00
L179V-X	06/04/2010	3:49 PM	0000.00	7.7952	0.0000	149.5848	149.5848	0.0000	0.0000	0.0000	.00	.00
L1796++	06/04/2010	4:01 PM	0000.00	7.9117	0.0000	144.0725	144.0725	0.0000	0.0000	0.0000	.00	.00
L1798++	06/04/2010	4:13 PM	0000.00	7.8137	0.0000	139.9158	139.9158	0.0000	0.0000	0.0000	.00	.00
L18AA++	06/04/2010	4:22 PM	0000.00	5.8589	0.0000	2.7761	2.7761	0.0000	0.0000	0.0000	.00	.00
PH 7 A	06/04/2010	4:28 PM	0000.00	7.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
* L12MJ++	06/04/2010	4:43 PM	0000.00	6.9618	0.0000	378.4200	378.4200	0.0000	0.0000	0.0000	.00	.00
L13PL++	06/04/2010	5:02 PM	0000.00	7.1558	0.0000	490.6193	490.6193	0.0000	0.0000	0.0000	.00	.00
L13PN++	06/04/2010	5:15 PM	0000.00	7.3642	0.0000	229.8816	229.8816	0.0000	0.0000	0.0000	.00	.00
L13PV++	06/04/2010	5:29 PM	0000.00	7.6748	0.0000	245.5743	245.5743	0.0000	0.0000	0.0000	.00	.00
L13PW++	06/04/2010	5:45 PM	0000.00	7.2539	0.0000	406.7578	406.7578	0.0000	0.0000	0.0000	.00	.00
L13P8++	06/04/2010	6:00 PM	0000.00	7.4256	0.0000	341.2752	341.2752	0.0000	0.0000	0.0000	.00	.00
L152K++	06/04/2010	6:10 PM	0000.00	5.9487	0.0000	26.0010	26.0010	0.0000	0.0000	0.0000	.00	.00
L153P++	06/04/2010	6:27 PM	0000.00	7.1864	0.0000	455.0588	455.0588	0.0000	0.0000	0.0000	.00	.00
L153R++	06/04/2010	6:46 PM	0000.00	7.5195	0.0000	497.6926	497.6926	0.0000	0.0000	0.0000	.00	.00

* not Reported

North Canton

Analyst_____
LCS _____
Date _____

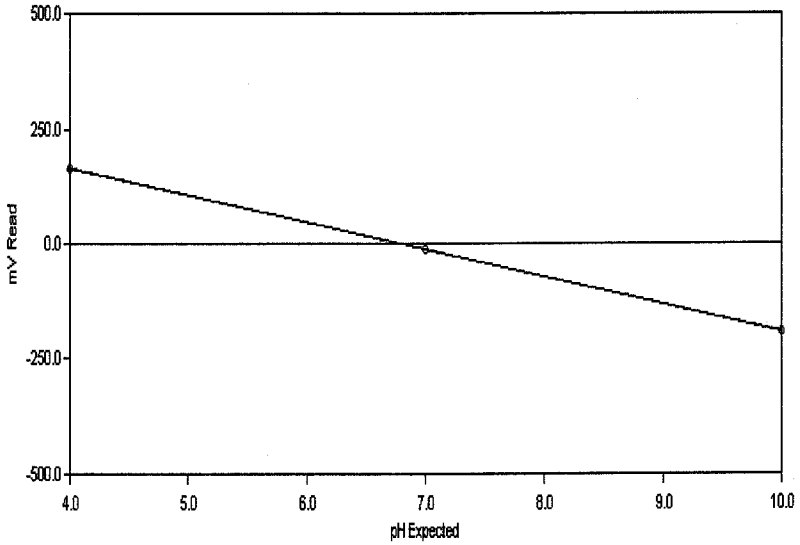
Sample Name	Run Date	Run Time	Conductivity	pH	P-Alk	Total Alk	BiCarbonate	Carbonate	Hydroxide	Fluoride	Acid Volume	Acidity
L153W++	06/04/2010	7:03 PM	0000.00	7.5379	0.0000	475.7574	475.7574	0.0000	0.0000	0.0000	.00	.00
PH 7 B	06/04/2010	7:09 PM	0000.00	7.0129	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
L1532++	06/04/2010	7:27 PM	0000.00	7.5317	0.0000	483.5894	483.5894	0.0000	0.0000	0.0000	.00	.00
L155F++	06/04/2010	7:38 PM	0000.00	6.3184	0.0000	119.5953	119.5953	0.0000	0.0000	0.0000	.00	.00
L17QJ++	06/04/2010	7:57 PM	0000.00	7.1232	0.0000	467.7722	467.7722	0.0000	0.0000	0.0000	.00	.00
L17QX++	06/04/2010	8:09 PM	0000.00	7.9341	0.0000	143.2475	143.2475	0.0000	0.0000	0.0000	.00	.00
L17Q0++	06/04/2010	8:27 PM	0000.00	7.2581	0.0000	497.1787	497.1787	0.0000	0.0000	0.0000	.00	.00
L17Q2++	06/04/2010	8:36 PM	0000.00	6.5329	0.0000	14.9004	14.9004	0.0000	0.0000	0.0000	.00	.00
L17Q3++	06/04/2010	8:47 PM	0000.00	6.6372	0.0000	122.0376	122.0376	0.0000	0.0000	0.0000	.00	.00
L17Q4++	06/04/2010	9:02 PM	0000.00	7.5849	0.0000	313.1223	313.1223	0.0000	0.0000	0.0000	.00	.00
L17Q5++	06/04/2010	9:08 PM	0000.00	3.8570	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
L13XD B	06/04/2010	9:22 PM	0000.00	7.7666	0.0000	267.3521	267.3521	0.0000	0.0000	0.0000	.00	.00
PH 7 C	06/04/2010	9:28 PM	0000.00	7.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
L13XQ B	06/04/2010	9:43 PM	0000.00	7.9362	0.0000	300.0985	300.0985	0.0000	0.0000	0.0000	.00	.00
L155P B	06/04/2010	10:01 PM	0000.00	7.8014	0.0000	487.2346	487.2346	0.0000	0.0000	0.0000	.00	.00
L155T B	06/04/2010	10:16 PM	0000.00	7.7952	0.0000	340.5086	340.5086	0.0000	0.0000	0.0000	.00	.00
L1735 B	06/04/2010	10:31 PM	0000.00	7.9546	0.0000	320.7930	320.7930	0.0000	0.0000	0.0000	.00	.00
L174E B	06/04/2010	10:46 PM	0000.00	7.7646	0.0000	326.6846	326.6846	0.0000	0.0000	0.0000	.00	.00
L174F B	06/04/2010	11:00 PM	0000.00	7.7502	0.0000	272.2331	272.2331	0.0000	0.0000	0.0000	.00	.00
L174H B	06/04/2010	11:15 PM	0000.00	7.8443	0.0000	302.5374	302.5374	0.0000	0.0000	0.0000	.00	.00
L174J B	06/04/2010	11:29 PM	0000.00	7.8607	0.0000	295.7281	295.7281	0.0000	0.0000	0.0000	.00	.00
L174K B	06/04/2010	11:42 PM	0000.00	8.0915	0.0000	210.2110	210.2110	0.0000	0.0000	0.0000	.00	.00
L174M B	06/04/2010	11:55 PM	0000.00	9.3213	10.6219	65.9138	44.6700	21.2438	0.0000	0.0000	.00	.00
PH 7D	06/05/2010	12:00 AM	0000.00	7.0047	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
L174P B	06/05/2010	12:15 AM	0000.00	7.9281	0.0000	291.5688	291.5688	0.0000	0.0000	0.0000	.00	.00

Analyst_____
LCS _____
Date _____

Sample Name	Run Date	Run Time	Conductivity	pH	P-Alk	Total Alk	BiCarbonate	Carbonate	Hydroxide	Fluoride	Acid Volume	Acidity
L174P -X	06/05/2010	12:29 AM	0000.00	7.9729	0.0000	284.1267	284.1267	0.0000	0.0000	0.0000	.00	.00
L1839 B	06/05/2010	12:40 AM	0000.00	7.6645	0.0000	67.6898	67.6898	0.0000	0.0000	0.0000	.00	.00
L1839 X	06/05/2010	12:51 AM	0000.00	7.6665	0.0000	67.5471	67.5471	0.0000	0.0000	0.0000	.00	.00
L184P B	06/05/2010	1:02 AM	0000.00	7.8238	0.0000	65.4708	65.4708	0.0000	0.0000	0.0000	.00	.00
L17Q5 MS	06/05/2010	1:19 AM	0000.00	7.4806	0.0000	416.6540	416.6540	0.0000	0.0000	0.0000	.00	.00
L17Q5 MSD	06/05/2010	1:35 AM	0000.00	7.5889	0.0000	407.6299	407.6299	0.0000	0.0000	0.0000	.00	.00
BLANK	06/05/2010	1:44 AM	0000.00	6.0857	0.0000	3.1074	3.1074	0.0000	0.0000	0.0000	.00	.00
LCS 50.4	06/05/2010	1:56 AM	0000.00	8.9187	25.2394	51.3227	0.8438	50.4789	0.0000	0.0000	.00	.00
BLANK 2	06/05/2010	2:05 AM	0000.00	5.8630	0.0000	2.7361	2.7361	0.0000	0.0000	0.0000	.00	.00
PH 7 E	06/05/2010	2:11 AM	0000.00	7.0027	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00

Calibration Report

Calibration Record # 4219



Calibration Settings

Calibration ID	PH CAL 4-7-10 ALK	Date	06/04/2010
Channel	1	Time	11:07 AM
Probe Type	pH	Temperature	298.56 K 25.41 C
Probe ID	PH ELECTRODE	Analysis Type	Single Line Fit

Calibration Results

Slope	-59.752	CorrCoeff	1.0000
Intercept	-14.120	Equation: Y = (-59.752) X + (-14.120)	

Calibration Validity **True** Operator A

	Result	Minimum	Maximum
Slope	-59.752	-85.00	-45.00
Intercept	-14.120	-100.00	100.00
Correlation Coefficient	1.0000	1.00	1.00

Note: "True" means the calibration was within the specified ranges
"False" means the calibration was NOT within the specified ranges

Calibration Data	**Standard**	**Reading**
	4.00 H46511	164.91
	7.00 J05518	-13.67
	10.00 H43522	-193.60

.02N H_2SO_4 WR00348 exp. 6/23/10

MS AL9002 TV = 500 mg/L

LCS P177 506 TV=504

CALRPRT.SRW
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Test America

Analyst_____
LCS _____
Date _____

Sample Name	Run Date	Run Time	Conductivity	pH	P-Alk	Total Alk	BiCarbonate	Carbonate	Hydroxide	Fluoride	Acid Volume	Acidity
PH 7	06/04/2010	11:12 AM	0000.00	7.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00
LCSP177506 TV50.4	06/04/2010	11:25 AM	0000.00	8.9903	27.1603	50.0357	0.0000	45.7507	4.2849	0.0000	.00	.00
BLANK	06/04/2010	11:33 AM	0000.00	6.0734	0.0000	2.8041	2.8041	0.0000	0.0000	0.0000	.00	.00
PH 7-1	06/04/2010	11:39 AM	0000.00	7.0007	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	.00	.00

		TestAmerica, North Canton					
	351.3 / 350.2 NH3/TON/TKN Logsheet						
Prep Date	6/7/2010	Analysis	NH3		Batch	0158340/41/42	
Anal Date	06/07/10	Balance ID:			Lcs No.	Q27-505	
					Lcs Prep Date		11/2
Analyst	DB				RL	1 MG/L	
					TV=6.47		
Titrant	WR00348				Standardization		
Name:	H2SO4	Correction			Date	05/24/10	
Normality	0.0201	Factor	1.005		Intials	JM/SS	

Sample No.	Sample Vol (ml)	dil	Titrant ml	Final Conc mg/L or mg/kg	QC/Calc	pH ADJUSTED	Time
BLANK 1	50	1	0.05	0.2814		X	14:02
LCS 1	50	1	1.05	5.9094		X	14:03
L1X8E	50	1	0.05	0.2814		X	14:05
L1X8E MS	50	1	0.75	4.221		X	14:24
L1X8E MSD	50	1	0.75	4.221		X	14:23
L1X99	50	1	0.05	0.2814		X	14:13
L10AJ	50	1	0.10	0.5628		X	14:14
L10AW	50	1	0.05	0.2814		X	14:13
L10A4	50	1	0.05	0.2814		X	14:16
L10A9	50	1	0.00	0		X	14:12
L10CC	50	1	0.10	0.5628		X	14:14
L10CP	50	1	0.15	0.8442		X	14:04
L12F3	50	1	3.10	17.4468		X	14:25
L12F7	50	1	2.55	14.3514		X	14:26
L16Q0	50	1	0.10	0.5628		X	14:12
L16RA	50	1	0.10	0.5628		X	14:18
L16RD	50	1	0.05	0.2814		X	14:17
L16RE	50	1	0.05	0.2814		X	14:04
L191N	50	1	0.10	0.5628		X	14:17
L191P	50	1	3.40	19.1352		X	14:27
L191Q	50	1	6.50	36.582		X	14:41
L191R	50	1	8.95	50.3706		X	14:44
L1839	50	1	0.25	1.407		X	14:47
L184N	50	1	0.10	0.5628		X	14:46
L184P	50	1	0.05	0.2814		X	14:34
L184Q	50	1	0.05	0.2814		X	14:36
L184T	50	1	0.05	0.2814		X	14:36
L179V	50	1	0.05	0.2814		X	14:34
L179V MS	50	1	0.50	2.814		X	14:44
L179V MSD	50	1	0.70	3.9396		X	14:45

L1796	50	1	0.05	0.2814		X	14:33
L1798	50	1	0.05	0.2814		X	14:34
L18AA	50	1	0.05	0.2814		X	14:34
BLANK 2	50	1	0.05	0.2814		X	14:34
LCS 2	50	1	1.05	5.9094		X	14:46
BORIC ACID:		WR00520					
BORATE BUFFER:		WR00527					
NAOH:		WR00515					
C REAGENT:		WR00433					
PHENOTHALEIN:		WR00012					

20/09
RES
CHL0RINE
N
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TestAmerica North Canton

Sample Control Chain of Custody for General Chemistry

Lot Number	Sample	Suffix	Lab ID	Test	Prep Date	Prepared by	Analysis Date	Analyzed by
A0E280605	1		L18391DJ	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280605	1		L18391AW	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280605	1		L18391AT	Alkalinity, Bicarbonate (2320B, SM18)	06/05/10	Jason Menapace	06/05/10	Jason Menapace
A0E280605	1		L18391AU	Alkalinity, Carbonate (2320B, SM18)	06/05/10	Jason Menapace	06/05/10	Jason Menapace
A0E280605	1		L18391A0	Bromide (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	1		L18391A1	Fluoride (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	1		L18391A2	Nitrate as N (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	1		L18391A3	Nitrite as N (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	1		L18391A4	Phosphate, ortho as P (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	1		L18391A5	Sulfate (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	1		L18391AV	Chloride (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	1	X	L18391DK	Alkalinity, Bicarbonate (2320B, SM18)	06/05/10	Jason Menapace	06/05/10	Jason Menapace
A0E280605	1	X	L18391DL	Alkalinity, Carbonate (2320B, SM18)	06/05/10	Jason Menapace	06/05/10	Jason Menapace
A0E280605	2		L184N1CF	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280605	2		L184N1A5	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280605	2		L184N1A2	Alkalinity, Bicarbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280605	2		L184N1A3	Alkalinity, Carbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280605	2		L184N1A4	Chloride (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2		L184N1AA	Bromide (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2		L184N1AC	Fluoride (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2		L184N1AD	Nitrate as N (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2		L184N1AE	Nitrite as N (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2		L184N1AF	Phosphate, ortho as P (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2		L184N1AG	Sulfate (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2	S	L184N1A7	Chloride (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2	S	L184N1A8	Bromide (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2	S	L184N1A9	Fluoride (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott

TestAmerica North Canton

Sample Control Chain of Custody for General Chemistry

Lot Number	Sample	Suffix	Lab ID	Test	Prep Date	Prepared by	Analysis Date	Analyzed by
A0E280605	2	S	L184N1CA	Nitrate as N (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2	S	L184N1CC	Nitrite as N (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	2	S	L184N1CE	Sulfate (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	3		L184P1A7	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280605	3		L184P1A5	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280605	3		L184P1A2	Alkalinity, Bicarbonate (2320B, SM18)	06/05/10	Jason Menapace	06/05/10	Jason Menapace
A0E280605	3		L184P1A3	Alkalinity, Carbonate (2320B, SM18)	06/05/10	Jason Menapace	06/05/10	Jason Menapace
A0E280605	3		L184P1A4	Chloride (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	3		L184P1AA	Bromide (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	3		L184P1AC	Fluoride (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	3		L184P1AD	Nitrate as N (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	3		L184P1AE	Nitrite as N (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	3		L184P1AF	Phosphate, ortho as P (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	3		L184P1AG	Sulfate (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	4		L184Q1A7	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280605	4		L184Q1A5	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin
A0E280605	4		L184Q1A2	Alkalinity, Bicarbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280605	4		L184Q1A3	Alkalinity, Carbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280605	4		L184Q1A4	Chloride (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	4		L184Q1AA	Bromide (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	4		L184Q1AC	Fluoride (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	4		L184Q1AD	Nitrate as N (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	4		L184Q1AE	Nitrite as N (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	4		L184Q1AF	Phosphate, ortho as P (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	4		L184Q1AG	Sulfate (9056A, Ion Chromatography)	05/28/10	Samantha Scott	05/28/10	Samantha Scott
A0E280605	5		L184T1A7	Phosphorus, All Forms (4500-P E Ascorbic Acid)	06/03/10	Bruce Woodward	06/03/10	Bruce Woodward
A0E280605	5		L184T1A5	Nitrogen, Ammonia (4500 NH3-E)	06/07/10	Deborah Bolgrin	06/07/10	Deborah Bolgrin

TestAmerica North Canton

Sample Control Chain of Custody for General Chemistry

Lot Number	Sample	Suffix	Lab ID	Test	Prep Date	Prepared by	Analysis Date	Analyzed by
A0E280605	5		L184T1A2	Alkalinity, Bicarbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280605	5		L184T1A3	Alkalinity, Carbonate (2320B, SM18)	06/04/10	Jason Menapace	06/04/10	Jason Menapace
A0E280605	5		L184T1A4	Chloride (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	5		L184T1AA	Bromide (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	5		L184T1AC	Fluoride (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	5		L184T1AD	Nitrate as N (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	5		L184T1AE	Nitrite as N (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	5		L184T1AF	Phosphate, ortho as P (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott
A0E280605	5		L184T1AG	Sulfate (9056A, Ion Chromatography)	05/27/10	Samantha Scott	05/27/10	Samantha Scott

PITTSBURGH DATA

NELAC REPORTING:

At the time of analysis the laboratory was in compliance with the current NELAC standards and held accreditation for all analyses performed unless noted by a qualifier. The labs accreditation numbers are listed below. The format and contents of the report meets all applicable NELAC standards except as noted in the narrative and shall not be reproduced except in full, without the written approval of the laboratory. The table below presents a summary of the certifications held by TestAmerica Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	TestAmerica
DoD ELAP	ADE-1442	WW HW	X
US Dept of Agriculture	(#P330-10-00139)	Foreign Soil Import Permit	X
Arkansas	(#88-0690)	WW HW	X X
California – NELAC	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – NELAC	(#E871008)	WW HW	X X
Illinois – NELAC	(#002319)	WW HW	X X
Kansas – NELAC	(#E-10350)	WW HW	X X
Louisiana – NELAC	(#04041)	WW HW	X X
New Hampshire – NELAC	(#203010)	WW --	X --
New Jersey – NELAC	(PA-005)	WW HW	X X
New York – NELAC	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Pennsylvania - NELAC	(#02-00416)	WW HW	X X
South Carolina	(#89014002)	WW HW	X X
Utah – NELAC	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

HW Hazardous Waste certification
WW Non-potable Water and/or Wastewater certification
X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 05/19/10 N:\Reporting\NELAC NARRATIVE Pttsburgh_Updated 051910.doc

North Canton

TestAmerica Laboratories, Inc.

SAMPLE ANALYSIS REQUISTION

Laboratory **TestAmerica Pittsburgh**
301 Alpha Drive RIDC Park

Pittsburgh, PA 15238

Lab Request SR119427

Report Package: **Expanded Deliverables**

Need Analytical Report 2010-06-10

Client Code: 545107

Project Manager: DENISE POHL

Sample I.D.	Work Order Number	Client Sample ID		Sampling Date	Analysis Required
A0E280605-1	L1839	SW-WC1-201005251100	1+250	2010-05-25 11:00	WATER, 6010B, Fld Filt Silica & Li-Pitt
A0E280605-2	L184N	SW-WC2-201005251200		2010-05-25 12:00	WATER, 6010B, Fld Filt Silica & Li-Pitt
A0E280605-3	L184P	SW-WC3-201005251300		2010-05-25 13:00	WATER, 6010B, Fld Filt Silica & Li-Pitt
A0E280605-4	L184Q	SW-WC4-201005251400		2010-05-25 14:00	WATER, 6010B, Fld Filt Silica & Li-Pitt
A0E280605-5	L184T	DUP01-20100525		2010-05-25	WATER, 6010B, Fld Filt Silica & Li-Pitt

13 D

Please use Client Sample ID for report

Call DENISE POHL with questions at 330-497-9396

at the TAL North Canton Laboratory

Shipping Method: FEDEX

Need detection limit and analysis date included in report.

Please send a signed copy of this form with the report at completion of analysis.

Relinquished by: Chr Luigl Date/Time: 5/28/10 530pm

Relinquished by: _____ Date/Time: _____

Received for lab by: [illegible] Date/Time: 5/29/10 1015

PLEASE RETURN ORIGINAL SAMPLE ANALYSIS REQUISITION

TestAmerica Pittsburgh

Cooler Receipt Form

Client: TA North Canton Project: _____ Quote: _____

Cooler Rec'd & Opened for Temp. Check on: 5/29/10

Coolers Opened and Unpacked on: 5/29/10 By: TRB

(Signature)

TestAmerica Pittsburgh Lot Number: _____

		Yes	No	NA
1.	Were custody seals on the outside of the cooler?	✓		
	If YES, how many and where? Quantity 1 Location Front			
	Were signatures and date correct?	✓		
2.	Were custody papers included inside the cooler?	✓		
3.	Were custody papers properly filled out (ink, signed, match labels)?	✓		
4.	Did you sign the custody papers in the appropriate place?	✓		
5.	Was shippers packing slip attached to this form?	✓		
6.	Were packing materials used?	✓		
	If YES, what type? Bubble Wrap			
7.	Were the samples received within the acceptable temperature range?	✓		
8.	Were the samples appropriately preserved?			✓
9.	Were all bottles sealed in separate plastic bags?	✓		
10.	Did all bottles arrive in good condition (unbroken)?	✓		
11.	Were all bottle labels complete (sample ID, preservatives, etc.)?	✓		
12.	Did all bottle labels and/or tags agree with custody papers?	✓		
13.	Were correct bottles used for tests indicated?	✓		
14.	Were all VOA vials checked for the presence of air bubbles?			✓
15.	Was a sufficient amount of sample sent in each bottle?	✓		

16. Samples received by: FEDEX UPS CLIENT DROP-OFF OTHER DHL US CARGO

Explain any discrepancies: _____

Level 2 Review _____

Was contacted on _____ by _____ to resolve discrepancies.

Rev. 1, 01/20/2010
X:\Forms\Cooler Receipt Form_updated 102010.DOC

TestAmerica Pittsburgh

Cooler Receipt Form

P: Preserved

UP: Unpreserved

Sample ID	TMET PH<2	DMET PH<2	HG PH<2	NUT(1) PH<2	CN PH ≥12	OG TPHC PH<2	PHEN PH<2	SULF PH ≥12	TOC PH<2	TOX PH<2	VOA P/UP	hardness PH<2	Residual CL	

(1) "NUT" could include sample bottles for ammonia, chemical oxygen demand, nitrate/nitrite, TKN, or total phosphorus

Comments: _____

Cooler Number	Temperature*	Thermometer ID
1	2.0°	7

Sample	Lot Number**

***Acceptable Temperature Range:** < 0-6 °C

**Please use an asterisk if bottle lot number was covered by the label

If samples required preservation in the laboratory, the following lot number(s) was/were used:

Nitric Acid _____ Hydrochloric Acid _____

Sulfuric Acid _____ Sodium Hydroxide _____

X:\Forms\Cooler Receipt Form_updated 102010.DOC
Rev. 1, 01/20/2010

GIN ID: PHDA
HAIDET
T AMERICA
1 SHUFFEL DR

TH CANTON, OH 44720
TED STATES US

Ship Date: 28MAY10
ActWgt: 19.0 LB
CAD: 507102/CAFE2453

AMPLE RECIEVING...ANTHONY LEE (412) 963-7058
EST AMERICA LABS-PA
01 ALPHA DRIVE
IDC PARK
ITTSBURGH, PA 15238 (US)

FedEx Express

Trk# 9784 4672 4593

PRIORITY OVERNIGHT

301 ALPHA DRIVE

RT 634 1 A
FZ 4593
05.29

PLACE THIS ...
NEXT TO THE SHIPPING LABEL

ORIGIN ID: PHDA
AL HAIDET
TEST AMERICA
4101 SHUFFEL DR

NORTH CANTON, OH 44720
UNITED STATES US

ACTWGT: 19.0 LB
CAD: 507102/CAFE2453

BILL RECIPIENT

TO SAMPLE RECIEVING...ANTHONY LEE
TEST AMERICA LABS-PA
301 ALPHA DRIVE
RIDC PARK
PITTSBURGH PA 15238
(412) 963-7058
DEPT: AL HAIDET

FedEx Express

SATURDAY ### A2

TRK# 0201 9784 4672 4593 PRIORITY OVERNIGHT

X0 AGCA

15238
PA-US
PIT

METALS DATA

METALS RESULTS

TRW Automotive

Client Sample ID: SW-WC1-201005251100

DISSOLVED Metals

Lot-Sample #...: A0E280605-001 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L18391AE
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.67		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L18391AF
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Calcium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AG**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 130		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AC
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 2.2		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L18391AH
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L18391AJ
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**6170**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AK**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	**44.2**	**15.0**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AL**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**15900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AM**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AN
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 3.2		

(Continued on next page)

TRW Automotive

Client Sample ID: SW-WC1-201005251100

DISSOLVED Metals

Lot-Sample #...: A0E280605-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AD
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 1.9		
Strontium	**49.5**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L18391A6**
		Dilution Factor: 1		Analysis Time..: 17:39	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.33		
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AP
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 5.0		

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L18391AQ
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		
Silica	**4880**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L18391AR**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 28.7		

TRW Automotive

Client Sample ID: SW-WC2-201005251200

DISSOLVED Metals

Lot-Sample #...: A0E280605-002 **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184N1AM
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.67		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184N1AN
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Calcium	**13900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AP**
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 130		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AK
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 2.2		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184N1AQ
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	ND E	5000	ug/L	SW846 6010B	06/01-06/02/10	L184N1AR
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**5010**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AT**
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AU
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**11900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AV**
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AW
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 3.2		

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TRW Automotive

Client Sample ID: SW-WC2-201005251200

DISSOLVED Metals

Lot-Sample #...: A0E280605-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AL
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 1.9		
Strontium	**43.9**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184N1AH**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.33		
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AX
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 5.0		
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184N1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		
Silica	**4390**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184N1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 28.7		

NOTE(S):

E Matrix interference.

TRW Automotive

Client Sample ID: SW-WC3-201005251300

DISSOLVED Metals

Lot-Sample #...: A0E280605-003 **Matrix.....:** WG
Date Sampled...: 05/25/10 13:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184P1AM
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.67		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184P1AN
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Calcium	**14700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AP**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 130		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AK
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 2.2		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184P1AQ
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184P1AR
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**5280**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AT**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AU
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**12300**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AV**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AW
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 3.2		

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TRW Automotive

Client Sample ID: SW-WC3-201005251300

DISSOLVED Metals

Lot-Sample #...: A0E280605-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AL
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 1.9		
Strontium	**44.8**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184P1AH**
		Dilution Factor: 1		Analysis Time..: 17:55	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.33		
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AX
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 5.0		

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184P1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		
Silica	**4830**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184P1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 28.7		

TRW Automotive

Client Sample ID: SW-WC4-201005251400

DISSOLVED Metals

Lot-Sample #...: A0E280605-004 **Matrix.....:** WG
Date Sampled...: 05/25/10 14:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AM
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.67		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AN
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Calcium	**15600**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AP**
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 130		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AK
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 2.2		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AQ
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AR
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**5590**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AT**
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AU
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AV**
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AW
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 3.2		

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TRW Automotive

Client Sample ID: SW-WC4-201005251400

DISSOLVED Metals

Lot-Sample #...: A0E280605-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AL
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 1.9		
Strontium	**48.3**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184Q1AH**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.33		
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AX
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 5.0		
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184Q1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		
Silica	**5000**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184Q1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 28.7		

TRW Automotive

Client Sample ID: DUP01-20100525

DISSOLVED Metals

Lot-Sample #...: A0E280605-005 **Matrix.....:** WG
Date Sampled...: 05/25/10 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184T1AM
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.67		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184T1AN
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Calcium	**14100**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AP**
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 130		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AK
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 2.2		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184T1AQ
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 81.0		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184T1AR
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 72.0		
Magnesium	**5040**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AT**
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 34.0		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AU
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 0.41		
Sodium	**12000**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AV**
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 590		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AW
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 3.2		

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TRW Automotive

Client Sample ID: DUP01-20100525

DISSOLVED Metals

Lot-Sample #...: A0E280605-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AL
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 1.9		
Strontium	**43.4**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184T1AH**
		Dilution Factor: 1		Analysis Time..: 18:11	Analyst ID.....: 001576	
		Instrument ID..: I8		MDL.....: 0.33		
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AX
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5		MDL.....: 5.0		
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184T1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 2.8		
Silica	**4350**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184T1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP		MDL.....: 28.7		

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0F010000-031 **Prep Batch #...:** 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L19511AD
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L19511AE
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AF
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AA
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L19511AG
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AC
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AJ
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AK
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AM
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AH
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AL
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/03/10	L19511AP
		Dilution Factor: 1				
		Analysis Time..: 16:32		Analyst ID.....: 001576	Instrument ID..: I8	
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AN
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	

MB Lot-Sample #: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AA
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AC
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-031 **Prep Batch #...:** 0152031					
Chromium	90	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AQ
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Lead	92	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AR
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Barium	90	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AT
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Boron	86	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AU
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Calcium	89	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AV
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Iron	91	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AW
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Potassium	90	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AX
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Magnesium	88	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A0
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Manganese	94	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A1
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Sodium	88	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A2
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	93	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A3
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Zinc	96	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A4
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Strontium	90	(80 - 120)	SW846 6020	06/01-06/03/10	L19511A5
		Dilution Factor: 1	Analysis Time..: 16:36	Analyst ID.....: 001576	
		Instrument ID..: I8			

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	102	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AD
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			
Silica	98	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AE
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

LCS Lot-Sample#: A0F010000-031 **Prep Batch #...:** 0152031

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	180	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AQ
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Lead	500	459	ug/L	92	SW846 6010B	06/01-06/02/10	L19511AR
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Barium	2000	1790	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AT
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Boron	1000	859	ug/L	86	SW846 6010B	06/01-06/02/10	L19511AU
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Calcium	50000	44700	ug/L	89	SW846 6010B	06/01-06/02/10	L19511AV
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Iron	1000	906	ug/L	91	SW846 6010B	06/01-06/02/10	L19511AW
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Potassium	50000	44900	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AX
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Magnesium	50000	44100	ug/L	88	SW846 6010B	06/01-06/02/10	L19511A0
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Manganese	500	469	ug/L	94	SW846 6010B	06/01-06/02/10	L19511A1
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Sodium	50000	44000	ug/L	88	SW846 6010B	06/01-06/02/10	L19511A2
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	500	463	ug/L	93	SW846 6010B	06/01-06/02/10	L19511A3
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Zinc	500	478	ug/L	96	SW846 6010B	06/01-06/02/10	L19511A4
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Strontium	100	90.4	ug/L	90	SW846 6020	06/01-06/03/10	L19511A5
			Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 001576	
			Instrument ID..: I8				

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	1000	1020	ug/L	102	SW846 6010B	06/03-06/04/10	L2DVH1AD
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				
Silica	21400	20900	ug/L	98	SW846 6010B	06/03-06/04/10	L2DVH1AE
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092							
Lithium	105	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CM
	103	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CN
		Dilution Factor: 1					
		Analysis Time..: 12:26			Instrument ID..: 6500ICP	Analyst ID.....: 22952	
Silica	99	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CQ
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CR
		Dilution Factor: 1					
		Analysis Time..: 00:00			Instrument ID..: 6500ICP	Analyst ID.....: 22952	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092									
Lithium									
	ND	1000	1050	ug/L	105		SW846 6010B	06/03-06/04/10	L179V1CM
	ND	1000	1030	ug/L	103	1.8	SW846 6010B	06/03-06/04/10	L179V1CN
			Dilution Factor: 1						
			Analysis Time..: 12:26		Instrument ID..: 6500ICP			Analyst ID.....: 22952	
Silica									
	10100	21400	31200	ug/L	99		SW846 6010B	06/03-06/04/10	L179V1CQ
	10100	21400	30700	ug/L	96	1.8	SW846 6010B	06/03-06/04/10	L179V1CR
			Dilution Factor: 1						
			Analysis Time..: 00:00		Instrument ID..: 6500ICP			Analyst ID.....: 22952	

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280605-001 **Prep Batch #...:** 0152031							
Barium	98	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CC
	99	(75 - 125)	0.40	(0-20)	SW846 6010B	06/01-06/02/10	L18391CD
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Boron	96	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CE
	97	(75 - 125)	0.86	(0-20)	SW846 6010B	06/01-06/02/10	L18391CF
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Calcium	100	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CG
	98	(75 - 125)	2.0	(0-20)	SW846 6010B	06/01-06/02/10	L18391CH
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Chromium	98	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391A7
	99	(75 - 125)	0.69	(0-20)	SW846 6010B	06/01-06/02/10	L18391A8
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Iron	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CJ
	99	(75 - 125)	0.27	(0-20)	SW846 6010B	06/01-06/02/10	L18391CK
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Lead	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391A9
	100	(75 - 125)	0.85	(0-20)	SW846 6010B	06/01-06/02/10	L18391CA
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Magnesium	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CN
	98	(75 - 125)	1.4	(0-20)	SW846 6010B	06/01-06/02/10	L18391CP
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Manganese	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CQ
	102	(75 - 125)	0.49	(0-20)	SW846 6010B	06/01-06/02/10	L18391CR
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CV
	103	(75 - 125)	1.2	(0-20)	SW846 6010B	06/01-06/02/10	L18391CW
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Potassium	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CL
	99	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/02/10	L18391CM
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Sodium	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CT
	95	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/02/10	L18391CU
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Strontium	97	(20 - 192)			SW846 6020	06/01-06/03/10	L18391C1
	100	(20 - 192)	2.1	(0-20)	SW846 6020	06/01-06/03/10	L18391C2
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: I8	Analyst ID.....: 001576	
Zinc	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CX
	104	(75 - 125)	1.6	(0-20)	SW846 6010B	06/01-06/02/10	L18391C0
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280605-001 **Prep Batch #...:** 0152031									
Barium									
	ND	2000	2030	ug/L	98		SW846 6010B	06/01-06/02/10	L18391CC
	ND	2000	2040	ug/L	99	0.40	SW846 6010B	06/01-06/02/10	L18391CD
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Boron									
	ND	1000	957	ug/L	96		SW846 6010B	06/01-06/02/10	L18391CE
	ND	1000	966	ug/L	97	0.86	SW846 6010B	06/01-06/02/10	L18391CF
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Calcium									
	16700	50000	66900	ug/L	100		SW846 6010B	06/01-06/02/10	L18391CG
	16700	50000	65600	ug/L	98	2.0	SW846 6010B	06/01-06/02/10	L18391CH
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Chromium									
	ND	200	196	ug/L	98		SW846 6010B	06/01-06/02/10	L18391A7
	ND	200	197	ug/L	99	0.69	SW846 6010B	06/01-06/02/10	L18391A8
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Iron									
	ND	1000	991	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CJ
	ND	1000	994	ug/L	99	0.27	SW846 6010B	06/01-06/02/10	L18391CK
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Lead									
	ND	500	496	ug/L	99		SW846 6010B	06/01-06/02/10	L18391A9
	ND	500	501	ug/L	100	0.85	SW846 6010B	06/01-06/02/10	L18391CA
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Magnesium									
	6170	50000	55800	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CN
	6170	50000	55000	ug/L	98	1.4	SW846 6010B	06/01-06/02/10	L18391CP
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese									
	44.2	500	554	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CQ
	44.2	500	557	ug/L	102	0.49	SW846 6010B	06/01-06/02/10	L18391CR
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Nickel									
	ND	500	510	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CV
	ND	500	516	ug/L	103	1.2	SW846 6010B	06/01-06/02/10	L18391CW
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Potassium									
	ND	50000	53900	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CL
	ND	50000	52400	ug/L	99	2.8	SW846 6010B	06/01-06/02/10	L18391CM
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Sodium									
	15900	50000	65400	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CT
	15900	50000	63600	ug/L	95	2.8	SW846 6010B	06/01-06/02/10	L18391CU
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Strontium									
	49.5	100	147	ug/L	97		SW846 6020	06/01-06/03/10	L18391C1
	49.5	100	150	ug/L	100	2.1	SW846 6020	06/01-06/03/10	L18391C2
			Dilution Factor: 1						
			Analysis Time..: 17:43		Instrument ID..: I8			Analyst ID.....: 001576	
Zinc									
	ND	500	519	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CX
	ND	500	527	ug/L	104	1.6	SW846 6010B	06/01-06/02/10	L18391C0
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	

NOTE(S):

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

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Verification Standar

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 90% - 110%

Standard Source: Inorganic Ventures **Standard ID:** MET2413-10

Element	WL/ Mass	True Conc	ICV1-1 6/4/2010 10:00 AM		ICV1-2 6/4/2010 10:04 AM							
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Silica	251.611	2140.0	2284.02	**106.7**	2299.43	**107.5**						

5.11.0 *Form 2A Equivalent*

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Verification Standar

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 90% - 110%

Standard Source: Inorganic Ventures **Standard ID:** MET2413-10

Element	WL/ Mass	True Conc	ICV1-1 6/4/2010 10:00 AM		ICV1-2 6/4/2010 10:04 AM							
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lithium	670.784	1000.0	1000.80	**100.1**	1010.00	**101.0**						

5.11.0 *Form 2A Equivalent*

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 90% - 110%

Standard Source: Inorganic Ventures **Standard ID:** MET2708-10

Element	WL/ Mass	True Conc	CCV1-1 6/4/2010 10:26 AM		CCV1-2 6/4/2010 11:20 AM		CCV1-3 6/4/2010 12:13 PM		CCV1-4 6/4/2010 1:05 PM		CCV1-5 6/4/2010 1:57 PM	
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Silica	251.611	4000.0	4272.51	**106.8**	4241.05	**106.0**	4262.67	**106.6**	4301.40	**107.5**	4333.93	**108.3**

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Verification

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 90% - 110%

Standard Source: Inorganic Ventures **Standard ID:** MET2411-10

Element	WL/ Mass	True Conc	CCV1-1 6/4/2010 10:26 AM		CCV1-2 6/4/2010 11:20 AM		CCV1-3 6/4/2010 12:13 PM		CCV1-4 6/4/2010 1:05 PM			
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lithium	670.784	2000.0	2019.40	**101.0**	1992.50	**99.6**	2029.50	**101.5**	2045.30	**102.3**		

5.11.0 *Form 2A Equivalent*

TestAmerica Pittsburgh

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 50% - 150%

Standard Source: Inorganic Ventures **Standard ID:** MET2136-10

Element	WL/ Mass	True Conc	CRA/RLV 6/4/2010 10:12 AM									
			Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Silica	251.611	1000.0	1053.46	**105.3**								

5.11.0 *Form 2B Equivalent*

TestAmerica Pittsburgh

Metals Data Reporting Form

Contract Required Detection Limit Standard

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 50% - 150%

Standard Source: Inorganic Ventures **Standard ID:** MET2136-10

Element	WL/ Mass	True Conc	CRA/RLV 6/4/2010 10:12 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lithium	670.784	50.0	50.26	**100.5**								

5.11.0 *Form 2B Equivalent*

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 6/4/2010 10:08 AM									
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Silica	251.611	1070	13.4	U								

5.11.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Initial Calibration Blank Results

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	ICB1 6/4/2010 10:08 AM Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Lithium	670.784	50	2.8	U								

5.11.0

U Result is less than the MDL
B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 6/4/2010 10:30 AM		CCB2 6/4/2010 11:24 AM		CCB3 6/4/2010 12:17 PM		CCB4 6/4/2010 1:09 PM		CCB5 6/4/2010 2:01 PM	
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Silica	251.611	1070	13.4	U	13.4	U	13.4	U	13.4	U	13.4	U

U Result is less than the MDL

B Result is between MDL and RL

TestAmerica Pittsburgh

Metals Data Reporting Form

Continuing Calibration Blank Result

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv

Standard Source: _____ **Standard ID:** _____

Element	WL/ Mass	Report Limit	CCB1 6/4/2010 10:30 AM		CCB2 6/4/2010 11:24 AM		CCB3 6/4/2010 12:17 PM		CCB4 6/4/2010 1:09 PM			
			Found	Q	Found	Q	Found	Q	Found	Q	Found	Q
Lithium	670.784	50	2.8	U	2.8	U	2.8	U	2.8	U		

5.11.0

U Result is less than the MDL

B Result is between MDL and RL

Form 3 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 0% - 0%

Standard Source: Inorganic Ventures **Standard ID:** MET2410-10

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 6/4/2010 10:17 AM Found	Found	Found	Found	Found
Silica	251.611	1070		-1				

5.11.0

U Result is less than the MDL
B Result is between MDL and RL

Form 4 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Interference Check Standard A

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 0% - 0%

Standard Source: Inorganic Ventures **Standard ID:** MET2410-10

Element	WL/ Mass	Reporting Limit	True Conc	ICSA 6/4/2010 10:17 AM Found	Found	Found	Found	Found
Lithium	670.784	50		5				

5.11.0

U Result is less than the MDL

B Result is between MDL and RL

Form 4 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Interference Check Standard AB

Instrument: ICP **Units:** ug/L

Chart Number: Q00604C.csv **Acceptable Range:** 80% - 120%

Standard Source: Inorganic Ventures **Standard ID:** MEt2201-10

Element	WL/ Mass	True Conc	ICSAB 6/4/2010 10:21 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Silica	251.611	2140	2130.0	**99.5**								

5.11.0

U Result is less than the MDL
B Result is between MDL and RL
N Spike recovery failed

Form 4 Equivalent

TestAmerica Pittsburgh

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Element	WL/ Mass	True Conc	ICSAB 6/4/2010 10:21 AM Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec	Found	% Rec
Lithium	670.784	1000	1072.7	**107.3**								

5.11.0

U Result is less than the MDL
B Result is between MDL and RL
N Spike recovery failed

Form 4 Equivalent

TestAmerica Pittsburgh

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICP **Units:** ppb

Element	Wavelength	Reporting Limit	MDL	Date of MDL
Lithium	670.784	50.0	2.8	4/22/2009

TestAmerica Pittsburgh

Metals Data Reporting Form

Instrument Detection Limits

Instrument: ICP **Units:** ppb

Element	Wavelength	Reporting Limit	MDL	Date of MDL
Silica	251.611	1070.0	13.4	4/22/2009

TestAmerica Pittsburgh

Metals Data Reporting Form

Inter-Element Correction Factors

Instrument: ICP **Date of IEC's:** 3/19/2010

Interfering Element	Wavelength /Mass	Correction Factor(s)
Aluminum	308.215	As(0.000021), Cd(0.000013), Pb(0.000167), Sb(0.000015), Se(0.000029)
Chromium	267.716	As(-0.003765), Sb(0.012466), V(-0.002245), Zn(-0.000827)
Cobalt	228.616	Pb(-0.000269), Tl(-0.002212)
Copper	324.754	Pb(0.000251)
Iron	259.94	Cd(0.000047), Cu(-0.000151), Pb(0.000014), Sb(0.000039), Se(0.000007)
Manganese	257.61	Cr(0.000243), Se(0.000638), Tl(-0.001063)
Molybdenum	202.03	Al(0.040279), B(0.034244), Pb(-0.002604), Sb(-0.004233), V(-0.009854)
Tin	189.989	Sb(-0.009773)
Vanadium	292.402	Be(0.000568), Sb(-0.001533), Tl(-0.001227)

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Vanadium	292.402	Be(0.000568), Sb(-0.001533), Tl(-0.001227)

TestAmerica Pittsburgh

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICP **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Lithium	670.78	10000	5/20/2010

TestAmerica Pittsburgh

Metals Data Reporting Form

Linear Dynamic Ranges

Instrument: ICP **Units:** ppb

Element	Wavelength /Mass	Linear Range	Date of Linear Range
Silica	251.61	100000	5/20/2010

METALS RAW DATA

Sample Report

Report Author

Printed: 6/7/2010 6:34 am

Q000604C Rehurajed 6/7/10
6010B-200.7

STD1

Acquire Date: 04-Jun-2010 9:42 am Sample Type: Standard

Elem	Avg	Units	Stddev	%RSD
Ag	-.00174	Cts/S	0.0001	3.7936
Al	.00130	Cts/S	0.0002	16.8494
As	.00027	Cts/S	0.0000	6.5794
B_	.00171	Cts/S	0.0001	4.3905
Ba	.02056	Cts/S	0.0005	2.6167
Be	.00217	Cts/S	0.0004	17.7404
Ca	.00842	Cts/S	0.0002	2.8932
Cd	.00085	Cts/S	0.0002	18.3353
Co	.00252	Cts/S	0.0001	2.1761
Cr	.00016	Cts/S	0.0000	29.9642
Cu	.00188	Cts/S	0.0002	9.3556
Fe	.00056	Cts/S	0.0001	17.5669
K_	.01410	Cts/S	0.0011	8.0218
Li	-.00007	Cts/S	0.0004	635.3645
Mg	-.00017	Cts/S	0.0003	155.8072
Mn	.00011	Cts/S	0.0003	255.3034
Mo	.00092	Cts/S	0.0001	11.5263
Na	.01187	Cts/S	0.0008	6.7035
Ni	.00021	Cts/S	0.0002	110.4083
Pb	-.00037	Cts/S	0.0002	50.4365
Sb	.00019	Cts/S	0.0001	73.9943
Se	.00042	Cts/S	0.0001	28.0660
Si	.00017	Cts/S	0.0003	150.0014
Sn	.00012	Cts/S	0.0001	72.9278
Sr	.00389	Cts/S	0.0006	15.2813
Ti	-.00174	Cts/S	0.0002	12.8288
Tl	.00047	Cts/S	0.0001	30.1109
V_	.00026	Cts/S	0.0001	23.3308
Zn	.00172	Cts/S	0.0002	11.3098
In2306	2960.8	Cts/S	10.6875	0.3610
Y_2243	6686.7	Cts/S	26.9041	0.4024
Y_3600	99358.	Cts/S	361.1856	0.3635
Y_3710	14796.	Cts/S	80.9033	0.5468

+ COE270481
+ COE270544
+ AOE280605
+ AOE280509
+ COF030409
+ COF020432
+ COF020408

STD2 MET2725.10

Acquire Date: 04-Jun-2010 9:46 am Sample Type: Standard

Elem	Avg	Units	Stddev	%RSD
Ag	.44751	Cts/S	0.0010	0.2145
As	.05001	Cts/S	0.0002	0.4248
Cd	3.2540	Cts/S	0.0066	0.2023
Pb	.56069	Cts/S	0.0004	0.0631
Sb	.11664	Cts/S	0.0002	0.1956
Se	.06002	Cts/S	0.0002	0.3757
Tl	.52933	Cts/S	0.0010	0.1904
In2306	2989.0	Cts/S	4.8406	0.1619
Y_2243	6800.8	Cts/S	20.2912	0.2984
Y_3600	100510.	Cts/S	171.5862	0.1707

STD3 MET2726.10

Acquire Date: 04-Jun-2010 9:51 am Sample Type: Standard

Elem	Avg	Units	Stddev	%RSD
Al	2.9815	Cts/S	0.0126	0.4211
Ca	16.112	Cts/S	0.0432	0.2682
Fe	5.2275	Cts/S	0.0105	0.2006
K_	3.2001	Cts/S	0.0115	0.3589
Mg	1.5464	Cts/S	0.0014	0.0930
Na	28.510	Cts/S	0.4188	1.4691
Y_3710	14824.	Cts/S	129.0479	0.8705

STD4 MET2727.10

Acquire Date: 04-Jun-2010 9:55 am Sample Type: Standard

Elem	Avg	Units	Stddev	%RSD
B_	1.3920	Cts/S	0.0012	0.0888
Ba	9.6970	Cts/S	0.0142	0.1461
Be	24.679	Cts/S	0.1390	0.5632
Co	8.8530	Cts/S	0.0095	0.1071
Cr	.64574	Cts/S	0.0006	0.0894
Cu	.65586	Cts/S	0.0031	0.4796
Li	2.9176	Cts/S	0.0080	0.2754
Mn	2.3391	Cts/S	0.0030	0.1302
Mo	2.7813	Cts/S	0.0022	0.0794
Ni	4.5379	Cts/S	0.0040	0.0881
Si	.13516	Cts/S	0.0006	0.4519
Sn	.70317	Cts/S	0.0006	0.0913
Sr	27.390	Cts/S	0.2045	0.7465
Ti	.82248	Cts/S	0.0027	0.3317
V_	.84590	Cts/S	0.0005	0.0641
Zn	3.9930	Cts/S	0.0008	0.0197
In2306	2964.1	Cts/S	5.2077	0.1757
Y_2243	6665.2	Cts/S	17.8420	0.2677
Y_3600	98884.	Cts/S	306.0181	0.3095
Y_3710	14824.	Cts/S	28.4538	0.1919

ICV1-1 MET2413-10

Acquire Date: 04-Jun-2010 10:00 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.48375	ppm	0.0018	0.3711
Al	12.509	ppm	0.0462	0.3692
As	.25969	ppm	0.0016	0.6278
B_	1.0145	ppm	0.0028	0.2725
Ba	.98248	ppm	0.0024	0.2493
Be	.99433	ppm	0.0012	0.1231
Ca	25.432	ppm	0.0469	0.1846
Cd	.24564	ppm	0.0004	0.1608
Co	1.0325	ppm	0.0024	0.2296
Cr	.99729	ppm	0.0049	0.4885
Cu	.99097	ppm	0.0046	0.4596
Fe	12.982	ppm	0.0362	0.2789
K_	49.716	ppm	0.0559	0.1125
Li	1.0008	ppm	0.0006	0.0600
Mg	24.832	ppm	0.0554	0.2232
Mn	.99771	ppm	0.0028	0.2762
Mo	.98336	ppm	0.0031	0.3165
Na	49.057	ppm	0.0325	0.0662
Ni	1.0100	ppm	0.0030	0.2959
Pb	.25159	ppm	0.0017	0.6767
Sb	.25373	ppm	0.0006	0.2463
Se	.25269	ppm	0.0021	0.8165
Si	1.0673	ppm	0.0038	0.3557
Sn	.96529	ppm	0.0011	0.1118
Sr	1.0127	ppm	0.0019	0.1910
Ti	.98570	ppm	0.0026	0.2687
Tl	.50464	ppm	0.0015	0.3067
V_	1.0052	ppm	0.0035	0.3512
Zn	.96457	ppm	0.0023	0.2339
In2306	2857.0	Cts/S	10.5837	0.3704
Y_2243	6757.4	Cts/S	20.4937	0.3033
Y_3600	99402.	Cts/S	366.4717	0.3687
Y_3710	15172.	Cts/S	50.1766	0.3307

ICV1-2 MET2413-10

Acquire Date: 04-Jun-2010 10:04 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.49526	ppm	0.0016	0.3306
Al	12.509	ppm	0.0579	0.4625
As	.26488	ppm	0.0027	1.0295
B_	1.0343	ppm	0.0010	0.1014
Ba	.99779	ppm	0.0028	0.2784
Be	1.0050	ppm	0.0040	0.4002
Ca	25.533	ppm	0.1486	0.5818
Cd	.24943	ppm	0.0004	0.1766
Co	1.0468	ppm	0.0012	0.1171
Cr	1.0148	ppm	0.0024	0.2380
Cu	.98703	ppm	0.0103	1.0430
Fe	13.091	ppm	0.0415	0.3169
K_	49.433	ppm	0.3019	0.6108
Li	1.0100	ppm	0.0015	0.1436
Mg	25.217	ppm	0.0901	0.3573
Mn	1.0108	ppm	0.0028	0.2722
Mo	.99672	ppm	0.0009	0.0901
Na	49.555	ppm	0.1664	0.3358
Ni	1.0256	ppm	0.0024	0.2313
Pb	.25727	ppm	0.0008	0.2918
Sb	.25722	ppm	0.0021	0.8199
Se	.25689	ppm	0.0023	0.8968
Si	1.0745	ppm	0.0099	0.9185
Sn	.98250	ppm	0.0012	0.1207
Sr	1.0131	ppm	0.0045	0.4420
Ti	.99021	ppm	0.0060	0.6068
Tl	.51389	ppm	0.0011	0.2046
V_	1.0240	ppm	0.0007	0.0692
Zn	.98570	ppm	0.0014	0.1392
In2306	2799.9	Cts/S	3.3821	0.1208
Y_2243	6599.0	Cts/S	7.8297	0.1186
Y_3600	97129.	Cts/S	316.9306	0.3263
Y_3710	15060.	Cts/S	40.9443	0.2719

ICB1

Acquire Date: 04-Jun-2010 10:08 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00018	ppm	0.0006	316.4201
Al	.01455	ppm	0.0039	26.7554
As	-.00098	ppm	0.0027	280.8418
B_	.00255	ppm	0.0001	3.8829
Ba	-.00064	ppm	0.0001	17.5330
Be	-.00019	ppm	0.0000	12.4767
Ca	.00150	ppm	0.0024	158.6375
Cd	-.00001	ppm	0.0001	892.9636
Co	.00015	ppm	0.0001	74.7530
Cr	.00003	ppm	0.0004	1,605.5812
Cu	.00042	ppm	0.0013	303.4217
Fe	.00277	ppm	0.0012	43.8980
K_	-.00777	ppm	0.0625	804.8487
Li	-.00060	ppm	0.0005	81.6769
Mg	-.00164	ppm	0.0156	954.2714
Mn	-.00018	ppm	0.0003	173.4186
Mo	.00081	ppm	0.0004	47.4796
Na	.01026	ppm	0.0027	26.4335
Ni	.00016	ppm	0.0003	158.9934
Pb	-.00109	ppm	0.0017	155.4390
Sb	-.00002	ppm	0.0003	1,350.6002
Se	.00047	ppm	0.0014	301.7550
Si	-.00021	ppm	0.0034	1,635.8670
Sn	.00014	ppm	0.0003	195.1618
Sr	-.00029	ppm	0.0001	21.7926
Ti	-.00160	ppm	0.0008	52.7402
Tl	.00070	ppm	0.0008	115.8054
V_	-.00036	ppm	0.0001	17.2249
Zn	-.00042	ppm	0.0001	24.7146
In2306	2960.1	Cts/S	7.8166	0.2641
Y_2243	6683.9	Cts/S	19.1559	0.2866
Y_3600	99308.	Cts/S	34.2102	0.0344
Y_3710	14914.	Cts/S	52.2085	0.3501

CRA/RLV MET2136-10

Acquire Date: 04-Jun-2010 10:12 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.00445	ppm	0.0006	13.1266
Al	.20187	ppm	0.0100	4.9360
As	.00916	ppm	0.0006	6.9248
B_	.20459	ppm	0.0003	0.1543
Ba	.20060	ppm	0.0006	0.2850
Be	.00405	ppm	0.0001	1.4760
Ca	5.2893	ppm	0.0198	0.3735
Cd	.00504	ppm	0.0000	0.7425
Co	.05169	ppm	0.0002	0.4501
Cr	.00546	ppm	0.0003	5.7963
Cu	.02616	ppm	0.0004	1.4845
Fe	.10714	ppm	0.0013	1.2156
K_	4.9376	ppm	0.1110	2.2476
Li	.05026	ppm	0.0015	2.8863
Mg	5.1995	ppm	0.0127	0.2435
Mn	.01548	ppm	0.0002	1.0032
Mo	.04180	ppm	0.0004	1.0693
Na	5.1115	ppm	0.0104	0.2032
Ni	.04247	ppm	0.0003	0.7104
Pb	.00239	ppm	0.0012	49.6152
Sb	.01123	ppm	0.0009	8.0303
Se	.00721	ppm	0.0017	23.0835
Si	.49227	ppm	0.0096	1.9448
Sn	.10168	ppm	0.0003	0.3392
Sr	.05091	ppm	0.0001	0.2786
Ti	.05231	ppm	0.0008	1.5148
Tl	.00902	ppm	0.0015	16.5362
V_	.05111	ppm	0.0002	0.4442
Zn	.02153	ppm	0.0003	1.1853
In2306	2967.1	Cts/S	4.3376	0.1462
Y_2243	6742.2	Cts/S	11.0225	0.1635
Y_3600	99893.	Cts/S	207.2318	0.2075
Y_3710	15184.	Cts/S	51.6820	0.3404

ICSA MET2410-10

Acquire Date: 04-Jun-2010 10:17 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00054	ppm	0.0003	58.1132
Al	525.65	ppm	7.4922	1.4253
As	-.00065	ppm	0.0039	593.5876
B_	-.00048	ppm	0.0015	307.8834
Ba	-.00022	ppm	0.0002	70.7782
Be	-.00023	ppm	0.0000	17.4043
Ca	493.67	ppm	5.1707	1.0474
Cd	-.00109	ppm	0.0002	17.8353
Co	.00329	ppm	0.0003	9.2325
Cr	.00107	ppm	0.0002	22.6586
Cu	.00309	ppm	0.0025	80.7503
Fe	196.11	ppm	2.5364	1.2934
K_	-.06061	ppm	0.0746	123.1525
Li	.00486	ppm	0.0012	23.7325
Mg	509.21	ppm	1.2901	0.2533
Mn	.00357	ppm	0.0004	9.8588
Mo	-.00191	ppm	0.0002	7.8849
Na	.07149	ppm	0.0130	18.2147
Ni	.00946	ppm	0.0002	1.7903
Pb	-.00111	ppm	0.0048	428.0890
Sb	-.00193	ppm	0.0020	102.6669
Se	-.00483	ppm	0.0045	92.7497
Si	-.00045	ppm	0.0044	981.3628
Sn	.00166	ppm	0.0007	40.9723
Sr	.00448	ppm	0.0002	3.6180
Ti	.00901	ppm	0.0031	34.3957
Tl	.00231	ppm	0.0010	42.1707
V_	.00055	ppm	0.0002	37.8348
Zn	.00406	ppm	0.0001	2.2420
In2306	2402.1	Cts/S	2.8988	0.1207
Y_2243	6070.2	Cts/S	14.6966	0.2421
Y_3600	87993.	Cts/S	275.4010	0.3130
Y_3710	14469.	Cts/S	82.1777	0.5680

ICSAB MET2201-10

Acquire Date: 04-Jun-2010 10:21 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0720	ppm	0.0023	0.2160
Al	525.38	ppm	2.7136	0.5165
As	1.0507	ppm	0.0014	0.1317
B_	.99067	ppm	0.0028	0.2874
Ba	.49455	ppm	0.0010	0.1983
Be	.50399	ppm	0.0027	0.5275
Ca	491.72	ppm	5.8756	1.1949
Cd	.90994	ppm	0.0005	0.0584
Co	.51952	ppm	0.0012	0.2338
Cr	.50928	ppm	0.0015	0.3021
Cu	.50219	ppm	0.0032	0.6394
Fe	196.71	ppm	1.7581	0.8937
K_	10.651	ppm	0.0773	0.7258
Li	1.0727	ppm	0.0065	0.6021
Mg	508.07	ppm	1.6574	0.3262
Mn	.48257	ppm	0.0003	0.0703
Mo	.98726	ppm	0.0024	0.2427
Na	10.532	ppm	0.0621	0.5894
Ni	1.0361	ppm	0.0014	0.1318
Pb	1.0137	ppm	0.0029	0.2891
Sb	1.0498	ppm	0.0036	0.3435
Se	.99779	ppm	0.0040	0.3998
Si	.99531	ppm	0.0050	0.5020
Sn	.93668	ppm	0.0015	0.1569
Sr	1.0483	ppm	0.0090	0.8617
Ti	1.0115	ppm	0.0058	0.5731
Tl	.98147	ppm	0.0066	0.6694
V_	.50565	ppm	0.0012	0.2381
Zn	.91787	ppm	0.0016	0.1691
In2306	2393.6	Cts/S	4.9355	0.2062
Y_2243	6042.4	Cts/S	19.2897	0.3192
Y_3600	87556.	Cts/S	259.8794	0.2968
Y_3710	14344.	Cts/S	100.9200	0.7035

CCV1-1 MET2728-10

Acquire Date: 04-Jun-2010 10:26 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0049	ppm	0.0032	0.3223
Al	25.454	ppm	0.0690	0.2712
As	.53938	ppm	0.0032	0.5989
B_	2.0340	ppm	0.0037	0.1803
Ba	2.0012	ppm	0.0055	0.2724
Be	2.0460	ppm	0.0070	0.3441
Ca	51.391	ppm	0.2030	0.3949
Cd	.48997	ppm	0.0009	0.1791
Co	2.1057	ppm	0.0029	0.1373
Cr	1.9979	ppm	0.0015	0.0771
Cu	1.9616	ppm	0.0111	0.5670
Fe	25.707	ppm	0.0695	0.2705
K_	125.63	ppm	0.4263	0.3393
Li	2.0194	ppm	0.0069	0.3395
Mg	51.182	ppm	0.1047	0.2046
Mn	1.9857	ppm	0.0084	0.4253
Mo	2.0088	ppm	0.0014	0.0722
Na	126.53	ppm	0.4045	0.3197
Ni	2.0958	ppm	0.0029	0.1380
Pb	.50957	ppm	0.0013	0.2470
Sb	.50528	ppm	0.0007	0.1314
Se	.52124	ppm	0.0036	0.6922
Si	1.9965	ppm	0.0085	0.4254
Sn	1.9569	ppm	0.0032	0.1655
Sr	2.0130	ppm	0.0081	0.4014
Ti	2.0151	ppm	0.0083	0.4131
Tl	1.0026	ppm	0.0063	0.6266
V_	2.0402	ppm	0.0027	0.1308
Zn	1.9910	ppm	0.0046	0.2320
In2306	2703.6	Cts/S	1.1288	0.0418
Y_2243	6532.6	Cts/S	4.8553	0.0743
Y_3600	95498.	Cts/S	492.6704	0.5159
Y_3710	15008.	Cts/S	91.3830	0.6089

CCB1

Acquire Date: 04-Jun-2010 10:30 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00005	ppm	0.0002	503.5644
Al	.03105	ppm	0.0086	27.6766
As	.00058	ppm	0.0015	257.4929
B_	.00215	ppm	0.0002	9.0719
Ba	-.00046	ppm	0.0002	41.0319
Be	.00004	ppm	0.0000	87.4012
Ca	.02938	ppm	0.0062	21.1285
Cd	.00010	ppm	0.0000	22.8694
Co	.00018	ppm	0.0001	51.2824
Cr	.00005	ppm	0.0004	793.4055
Cu	.00091	ppm	0.0032	349.3478
Fe	.01554	ppm	0.0043	27.6272
K_	.01071	ppm	0.0666	621.4153
Li	-.00109	ppm	0.0014	126.5666
Mg	.01227	ppm	0.0062	50.9112
Mn	-.00017	ppm	0.0002	125.5095
Mo	.00126	ppm	0.0003	27.5884
Na	.05711	ppm	0.0043	7.5834
Ni	.00029	ppm	0.0001	32.5732
Pb	-.00016	ppm	0.0014	878.1145
Sb	.00095	ppm	0.0004	46.1941
Se	.00098	ppm	0.0005	55.8574
Si	.00297	ppm	0.0044	146.5087
Sn	.00000	ppm	0.0002	44,493.4765
Sr	.00000	ppm	0.0000	2,297.8444
Ti	-.00151	ppm	0.0016	105.6190
Tl	.00043	ppm	0.0013	298.8711
V_	-.00008	ppm	0.0002	294.7537
Zn	-.00032	ppm	0.0001	22.4440
In2306	2962.1	Cts/S	3.2813	0.1108
Y_2243	6692.6	Cts/S	13.6084	0.2033
Y_3600	99498.	Cts/S	190.8661	0.1918
Y_3710	14906.	Cts/S	44.6141	0.2993

L2E69BT

Acquire Date: 04-Jun-2010 10:35 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00039	ppm	0.0004	110.7502
Al	.00025	ppm	0.0094	3,727.9262
As	-.00189	ppm	0.0011	60.2537
B_	.00063	ppm	0.0003	55.2807
Ba	-.00100	ppm	0.0001	12.3205
Be	-.00032	ppm	0.0000	9.0760
Ca	-.01295	ppm	0.0013	10.3985
Cd	-.00004	ppm	0.0001	186.5183
Co	-.00002	ppm	0.0001	741.0875
Cr	-.00009	ppm	0.0002	252.5548
Cu	-.00093	ppm	0.0012	123.4070
Fe	-.00097	ppm	0.0018	181.5765
K_	-.01146	ppm	0.0531	463.1692
Li	-.00186	ppm	0.0013	69.4786
Mg	.01195	ppm	0.0186	155.2688
Mn	-.00045	ppm	0.0003	66.4479
Mo	-.00029	ppm	0.0002	77.9482
Na	.00866	ppm	0.0020	23.0640
Ni	.00005	ppm	0.0001	278.5545
Pb	-.00158	ppm	0.0005	30.3815
Sb	.00074	ppm	0.0011	147.3680
Se	.00099	ppm	0.0007	72.7483
Si	.01879	ppm	0.0040	21.1258
Sn	.00035	ppm	0.0003	72.6899
Sr	-.00044	ppm	0.0001	17.0431
Ti	.00091	ppm	0.0001	13.9722
Tl	-.00036	ppm	0.0009	254.7437
V_	-.00032	ppm	0.0000	9.5825
Zn	-.00055	ppm	0.0001	20.7709
In2306	3030.6	Cts/S	14.8667	0.4906
Y_2243	6891.6	Cts/S	36.7995	0.5340
Y_3600	104310.	Cts/S	1,172.6594	1.1242
Y_3710	15128.	Cts/S	156.7473	1.0361

L2C60BT

Acquire Date: 04-Jun-2010 10:39 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00080	ppm	0.0003	38.6469
Al	.00382	ppm	0.0082	215.0344
As	.00219	ppm	0.0008	36.3913
B_	.03347	ppm	0.0002	0.5465
Ba	.00107	ppm	0.0002	23.1625
Be	-.00035	ppm	0.0000	0.8098
Ca	.24433	ppm	0.0056	2.3030
Cd	-.00011	ppm	0.0000	42.7361
Co	.00051	ppm	0.0002	34.8721
Cr	.00042	ppm	0.0001	24.8544
Cu	.00019	ppm	0.0021	1,131.9575
Fe	.00958	ppm	0.0011	11.4545
K_	1.4289	ppm	0.0185	1.2926
Li	.00522	ppm	0.0014	26.3544
Mg	.03031	ppm	0.0050	16.4166
Mn	-.00016	ppm	0.0005	319.8734
Mo	-.00060	ppm	0.0002	33.4766
Na	1370.2	ppm	17.9889	1.3129
Ni	.00091	ppm	0.0004	48.3365
Pb	-.00129	ppm	0.0006	42.7620
Sb	.00135	ppm	0.0010	74.2095
Se	.00740	ppm	0.0038	50.8827
Si	.06966	ppm	0.0037	5.3592
Sn	.00102	ppm	0.0006	56.9938
Sr	.00081	ppm	0.0000	3.9050
Ti	.00005	ppm	0.0016	3,171.7856
Tl	.00010	ppm	0.0008	823.0431
V_	-.00030	ppm	0.0003	88.8177
Zn	.00536	ppm	0.0000	0.6672
In2306	2520.1	Cts/S	18.9474	0.7519
Y_2243	6315.2	Cts/S	48.8295	0.7732
Y_3600	88742.	Cts/S	415.4501	0.4682
Y_3710	15323.	Cts/S	185.6129	1.2113

L2E69CT

Acquire Date: 04-Jun-2010 10:44 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05059	ppm	0.0005	1.0351
Al	1.9685	ppm	0.0062	0.3125
As	2.1035	ppm	0.0119	0.5642
B_	.97949	ppm	0.0010	0.1032
Ba	1.9276	ppm	0.0002	0.0127
Be	.04810	ppm	0.0001	0.2892
Ca	F .25039	ppm	0.0038	1.5013
Cd	.04766	ppm	0.0001	0.2680
Co	.52338	ppm	0.0005	0.1022
Cr	.19641	ppm	0.0006	0.3103
Cu	.23900	ppm	0.0009	0.3754
Fe	1.0270	ppm	0.0035	0.3452
K_	F 1.9931	ppm	0.1296	6.5031
Li	1.0041	ppm	0.0010	0.1002
Mg	F .02494	ppm	0.0062	24.9433
Mn	.47723	ppm	0.0016	0.3441
Mo	F -.00108	ppm	0.0001	13.1045
Na	F 1340.3	ppm	8.4649	0.6316
Ni	.51939	ppm	0.0010	0.1939
Pb	.49790	ppm	0.0022	0.4487
Sb	F -.00073	ppm	0.0008	109.6910
Se	2.1343	ppm	0.0048	0.2232
Si	F .07244	ppm	0.0093	12.8959
Sn	F .00186	ppm	0.0004	20.7115
Sr	.96914	ppm	0.0015	0.1597
Ti	F -.00090	ppm	0.0009	99.1828
Tl	1.8849	ppm	0.0066	0.3477
V_	.50138	ppm	0.0010	0.2091
Zn	.49904	ppm	0.0013	0.2637
In2306	2503.4	Cts/S	1.4065	0.0562
Y_2243	6279.3	Cts/S	6.4149	0.1022
Y_3600	89541.	Cts/S	207.2358	0.2314
Y_3710	15130.	Cts/S	56.8305	0.3756

L15V9T

Acquire Date: 04-Jun-2010 10:48 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00023	ppm	0.0003	108.2717
Al	.08328	ppm	0.0121	14.5233
As	.00213	ppm	0.0016	74.6789
B_	.24170	ppm	0.0006	0.2355
Ba	.35101	ppm	0.0010	0.2716
Be	-.00031	ppm	0.0000	10.2021
Ca	238.00	ppm	2.7214	1.1435
Cd	.02597	ppm	0.0000	0.0782
Co	.04686	ppm	0.0004	0.7575
Cr	.04774	ppm	0.0002	0.3747
Cu	.30814	ppm	0.0040	1.3021
Fe	.09777	ppm	0.0012	1.2682
K_	7.2600	ppm	0.0989	1.3626
Li	.03219	ppm	0.0014	4.2198
Mg	110.69	ppm	0.4197	0.3792
Mn	1.3468	ppm	0.0068	0.5073
Mo	-.00035	ppm	0.0000	7.4997
Na	F 1354.4	ppm	6.0457	0.4464
Ni	.23656	ppm	0.0001	0.0220
Pb	.06798	ppm	0.0004	0.6123
Sb	-.00004	ppm	0.0010	2,180.0075
Se	.00546	ppm	0.0015	27.7716
Si	5.8066	ppm	0.0070	0.1208
Sn	.00237	ppm	0.0003	11.4776
Sr	1.5177	ppm	0.0039	0.2580
Ti	.00383	ppm	0.0009	24.1430
Tl	.00057	ppm	0.0012	215.1207
V_	.00155	ppm	0.0002	15.5726
Zn	1.2141	ppm	0.0020	0.1669
In2306	2406.2	Cts/S	7.9365	0.3298
Y_2243	6101.4	Cts/S	16.3203	0.2675
Y_3600	87863.	Cts/S	270.7292	0.3081
Y_3710	14821.	Cts/S	191.1448	1.2897

L15V9P5T

Acquire Date: 04-Jun-2010 10:52 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00024	ppm	0.0002	74.3336
Al	.02411	ppm	0.0039	16.2985
As	.00040	ppm	0.0010	248.1585
B_	.04679	ppm	0.0004	0.7810
Ba	.06794	ppm	0.0002	0.3675
Be	-.00026	ppm	0.0001	21.8755
Ca	47.409	ppm	0.1659	0.3500
Cd	.00520	ppm	0.0000	0.6754
Co	.00911	ppm	0.0002	2.0465
Cr	.00932	ppm	0.0002	2.3129
Cu	.05878	ppm	0.0008	1.2972
Fe	.02041	ppm	0.0013	6.1932
K_	1.2585	ppm	0.0187	1.4884
Li	.00541	ppm	0.0013	24.9348
Mg	21.920	ppm	0.0359	0.1639
Mn	.26455	ppm	0.0016	0.6108
Mo	-.00101	ppm	0.0002	19.6171
Na	282.14	ppm	1.4021	0.4970
Ni	.04607	ppm	0.0001	0.2242
Pb	.01310	ppm	0.0010	8.0107
Sb	.00087	ppm	0.0008	90.2936
Se	.00266	ppm	0.0012	46.5377
Si	1.1205	ppm	0.0070	0.6250
Sn	.00073	ppm	0.0005	73.2666
Sr	.28818	ppm	0.0014	0.4724
Ti	.00103	ppm	0.0022	212.6310
Tl	-.00082	ppm	0.0004	43.4576
V_	.00036	ppm	0.0004	99.0408
Zn	.24507	ppm	0.0004	0.1650
In2306	2730.6	Cts/S	9.4430	0.3458
Y_2243	6590.6	Cts/S	17.4200	0.2643
Y_3600	96104.	Cts/S	491.8938	0.5118
Y_3710	15338.	Cts/S	17.8059	0.1161

L15V9ST

Acquire Date: 04-Jun-2010 10:57 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.96561	ppm	0.0028	0.2860
Al	.09460	ppm	0.0107	11.2616
As	5.1246	ppm	0.0243	0.4749
B_	.24268	ppm	0.0010	0.4083
Ba	45.092	ppm	0.5112	1.1337
Be	-.00028	ppm	0.0001	20.3786
Ca	240.38	ppm	3.0563	1.2715
Cd	.90620	ppm	0.0012	0.1362
Co	.03833	ppm	0.0004	1.0387
Cr	4.5644	ppm	0.0051	0.1118
Cu	.31152	ppm	0.0047	1.5009
Fe	.11205	ppm	0.0014	1.2807
K_	6.9024	ppm	0.0604	0.8746
Li	.03163	ppm	0.0005	1.4254
Mg	111.35	ppm	0.4456	0.4002
Mn	1.3518	ppm	0.0054	0.3990
Mo	-.00006	ppm	0.0001	201.5343
Na	F 1358.4	ppm	13.3771	0.9848
Ni	.23786	ppm	0.0010	0.4185
Pb	4.8051	ppm	0.0095	0.1984
Sb	-.00379	ppm	0.0005	12.2166
Se	1.0288	ppm	0.0069	0.6732
Si	5.8444	ppm	0.0243	0.4159
Sn	.00261	ppm	0.0006	21.9255
Sr	1.5332	ppm	0.0104	0.6803
Ti	.00680	ppm	0.0025	37.3011
Tl	-.00022	ppm	0.0009	431.7458
V_	.00226	ppm	0.0002	10.8523
Zn	1.2168	ppm	0.0025	0.2020
In2306	2392.9	Cts/S	8.5086	0.3556
Y_2243	6040.8	Cts/S	16.5115	0.2733
Y_3600	87624.	Cts/S	244.6777	0.2792
Y_3710	14845.	Cts/S	180.6103	1.2166

L15V9DT

Acquire Date: 04-Jun-2010 11:02 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	1.0227	ppm	0.0003	0.0325
Al	.08995	ppm	0.0164	18.2666
As	5.5123	ppm	0.0179	0.3248
B_	.24904	ppm	0.0014	0.5577
Ba	47.801	ppm	0.3626	0.7587
Be	-.00029	ppm	0.0001	18.0668
Ca	246.84	ppm	4.1636	1.6868
Cd	.95873	ppm	0.0019	0.1945
Co	.03917	ppm	0.0002	0.5700
Cr	4.8703	ppm	0.0064	0.1307
Cu	.31817	ppm	0.0012	0.3799
Fe	.10288	ppm	0.0017	1.6249
K_	7.1578	ppm	0.0663	0.9261
Li	.03109	ppm	0.0016	5.1679
Mg	113.82	ppm	0.1899	0.1668
Mn	1.3864	ppm	0.0008	0.0590
Mo	-.00046	ppm	0.0003	75.8354
Na	F 1366.7	ppm	8.9430	0.6543
Ni	.24251	ppm	0.0012	0.4816
Pb	5.0949	ppm	0.0110	0.2156
Sb	-.00392	ppm	0.0009	23.2844
Se	1.1051	ppm	0.0027	0.2405
Si	5.9716	ppm	0.0273	0.4569
Sn	.00229	ppm	0.0004	19.4072
Sr	1.5596	ppm	0.0022	0.1382
Ti	.00488	ppm	0.0020	41.6630
Tl	-.00091	ppm	0.0014	150.5846
V_	.00221	ppm	0.0006	28.6959
Zn	1.2522	ppm	0.0050	0.4013
In2306	2401.4	Cts/S	2.4395	0.1016
Y_2243	6062.2	Cts/S	8.8487	0.1460
Y_3600	87646.	Cts/S	140.0030	0.1597
Y_3710	14884.	Cts/S	136.9035	0.9198

VOID: unnecessary
R166710

L15V9ST/2

Acquire Date: 04-Jun-2010 11:06 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.46861	ppm	0.0007	0.1391
Al	.04951	ppm	0.0183	36.9526
As	2.4929	ppm	0.0024	0.0943
B_	.11995	ppm	0.0008	0.6573
Ba	22.708	ppm	0.3513	1.5472
Be	-.00033	ppm	0.0000	5.0358
Ca	121.00	ppm	1.7310	1.4305
Cd	.46166	ppm	0.0003	0.0702
Co	.01921	ppm	0.0003	1.6507
Cr	2.2836	ppm	0.0058	0.2559
Cu	.15289	ppm	0.0021	1.3417
Fe	.05267	ppm	0.0008	1.5925
K_	3.2280	ppm	0.0594	1.8387
Li	.01281	ppm	0.0017	13.5037
Mg	55.970	ppm	0.1720	0.3073
Mn	.67873	ppm	0.0024	0.3551
Mo	-.00078	ppm	0.0001	13.4462
Na	F 698.42	ppm	8.7211	1.2487
Ni	.11822	ppm	0.0007	0.5699
Pb	2.4061	ppm	0.0052	0.2162
Sb	-.00089	ppm	0.0004	46.8294
Se	.49938	ppm	0.0020	0.3981
Si	2.8880	ppm	0.0196	0.6779
Sn	.00125	ppm	0.0006	44.2357
Sr	.75159	ppm	0.0024	0.3227
Ti	.00305	ppm	0.0008	25.1808
Tl	-.00078	ppm	0.0016	203.6894
V_	.00100	ppm	0.0001	6.8787
Zn	.61879	ppm	0.0016	0.2591
In2306	2559.4	Cts/S	13.9832	0.5463
Y_2243	6338.8	Cts/S	36.6970	0.5789
Y_3600	92035.	Cts/S	1,054.5429	1.1458
Y_3710	15196.	Cts/S	259.9606	1.7107

1,054
25

VOID: unnecessary
RIG 6/10

L15V9DT/2

Acquire Date: 04-Jun-2010 11:11 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.48502	ppm	0.0009	0.1945
Al	.04658	ppm	0.0060	12.8272
As	2.6174	ppm	0.0094	0.3585
B_	.12158	ppm	0.0000	0.0195
Ba	23.772	ppm	0.2063	0.8680
Be	-.00031	ppm	0.0000	13.8517
Ca	123.06	ppm	0.3947	0.3207
Cd	.48196	ppm	0.0005	0.0975
Co	.01931	ppm	0.0001	0.6604
Cr	2.4004	ppm	0.0017	0.0704
Cu	.15489	ppm	0.0010	0.6268
Fe	.05087	ppm	0.0018	3.4580
K_	3.2741	ppm	0.0766	2.3410
Li	.01301	ppm	0.0007	5.7467
Mg	56.495	ppm	0.1777	0.3146
Mn	.68632	ppm	0.0005	0.0710
Mo	-.00073	ppm	0.0001	18.9973
Na	F 709.04	ppm	2.1365	0.3013
Ni	.11946	ppm	0.0003	0.2336
Pb	2.5187	ppm	0.0035	0.1390
Sb	-.00069	ppm	0.0008	120.0667
Se	.51909	ppm	0.0011	0.2183
Si	2.9250	ppm	0.0091	0.3125
Sn	.00123	ppm	0.0004	31.5115
Sr	.76891	ppm	0.0006	0.0803
Ti	.00319	ppm	0.0009	29.5217
Tl	-.00061	ppm	0.0010	172.3923
V_	.00084	ppm	0.0001	12.8613
Zn	.62527	ppm	0.0009	0.1416
In2306	2559.6	Cts/S	2.3540	0.0920
Y_2243	6332.0	Cts/S	5.5324	0.0874
Y_3600	92420.	Cts/S	612.8737	0.6631
Y_3710	15032.	Cts/S	179.8796	1.1966

L15XGT

Acquire Date: 04-Jun-2010 11:16 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.00013	ppm	0.0002	144.3850
Al	.00422	ppm	0.0099	233.9631
As	.00319	ppm	0.0029	89.9536
B_	.03721	ppm	0.0003	0.7208
Ba	.00845	ppm	0.0002	2.5513
Be	-.00032	ppm	0.0000	2.6501
Ca	.45740	ppm	0.0067	1.4600
Cd	.00003	ppm	0.0001	168.8550
Co	.07879	ppm	0.0002	0.2714
Cr	.00219	ppm	0.0003	14.5684
Cu	1.3362	ppm	0.0078	0.5818
Fe	.32532	ppm	0.0003	0.1062
K_	1.7753	ppm	0.0593	3.3422
Li	.00379	ppm	0.0007	18.9399
Mg	.09722	ppm	0.0270	27.7365
Mn	7.8806	ppm	0.0153	0.1936
Mo	-.00170	ppm	0.0003	14.9369
Na	F 1337.1	ppm	3.5927	0.2687
Ni	.58825	ppm	0.0011	0.1906
Pb	.00075	ppm	0.0020	268.1355
Sb	.00070	ppm	0.0008	108.9203
Se	.00494	ppm	0.0015	31.1722
Si	.18551	ppm	0.0057	3.0903
Sn	.00097	ppm	0.0001	14.6851
Sr	.00280	ppm	0.0000	0.5579
Ti	.00136	ppm	0.0020	145.0528
Tl	-.00927	ppm	0.0005	5.8220
V_	-.00093	ppm	0.0002	21.4231
Zn	.03808	ppm	0.0000	0.1248
In2306	2540.0	Cts/S	3.1267	0.1231
Y_2243	6380.9	Cts/S	6.1404	0.0962
Y_3600	90283.	Cts/S	883.9306	0.9791
Y_3710	15092.	Cts/S	100.9930	0.6692

CCV1-2

Acquire Date: 04-Jun-2010 11:20 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.99056	ppm	0.0009	0.0909
Al	25.147	ppm	0.1848	0.7349
As	.52809	ppm	0.0025	0.4689
B_	2.0048	ppm	0.0026	0.1303
Ba	1.9756	ppm	0.0044	0.2213
Be	2.0370	ppm	0.0044	0.2174
Ca	51.225	ppm	0.5956	1.1627
Cd	.48599	ppm	0.0007	0.1523
Co	2.0927	ppm	0.0024	0.1148
Cr	1.9581	ppm	0.0025	0.1288
Cu	1.9357	ppm	0.0109	0.5623
Fe	25.306	ppm	0.2276	0.8994
K_	124.23	ppm	1.6148	1.2998
Li	1.9925	ppm	0.0050	0.2525
Mg	51.094	ppm	0.8419	1.6477
Mn	1.9547	ppm	0.0133	0.6825
Mo	1.9979	ppm	0.0036	0.1780
Na	125.04	ppm	0.7181	0.5743
Ni	2.0761	ppm	0.0015	0.0720
Pb	.50524	ppm	0.0017	0.3312
Sb	.49827	ppm	0.0009	0.1791
Se	.51019	ppm	0.0016	0.3150
Si	1.9818	ppm	0.0171	0.8608
Sn	1.9388	ppm	0.0002	0.0121
Sr	1.9911	ppm	0.0039	0.1975
Ti	2.0049	ppm	0.0101	0.5045
Tl	.98640	ppm	0.0011	0.1149
V_	2.0097	ppm	0.0025	0.1261
Zn	1.9575	ppm	0.0052	0.2656
In2306	2730.8	Cts/S	13.0400	0.4775
Y_2243	6606.3	Cts/S	33.7119	0.5103
Y_3600	97161.	Cts/S	1,135.7098	1.1689
Y_3710	14909.	Cts/S	524.9107	3.5208

CCB2

Acquire Date: 04-Jun-2010 11:24 am Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00015	ppm	0.0002	139.4722
Al	.01871	ppm	0.0070	37.2769
As	-.00109	ppm	0.0020	185.0797
B_	.00060	ppm	0.0003	43.9653
Ba	.00005	ppm	0.0001	162.8699
Be	-.00007	ppm	0.0000	17.0838
Ca	.01361	ppm	0.0026	19.0606
Cd	.00006	ppm	0.0001	83.2146
Co	.00008	ppm	0.0001	105.5370
Cr	.00009	ppm	0.0003	286.7725
Cu	-.00123	ppm	0.0005	36.9343
Fe	.00767	ppm	0.0014	18.2392
K_	.10853	ppm	0.0495	45.5745
Li	-.00017	ppm	0.0016	952.5034
Mg	-.00368	ppm	0.0026	71.8463
Mn	-.00025	ppm	0.0005	178.8229
Mo	.00114	ppm	0.0001	7.1517
Na	.43322	ppm	0.0284	6.5614
Ni	.00033	ppm	0.0002	74.4200
Pb	-.00034	ppm	0.0004	112.3320
Sb	-.00013	ppm	0.0006	492.0619
Se	.00198	ppm	0.0010	52.3807
Si	.00232	ppm	0.0027	117.0335
Sn	-.00001	ppm	0.0003	4,442.0012
Sr	-.00010	ppm	0.0001	84.8998
Ti	.00025	ppm	0.0025	990.7180
Tl	-.00111	ppm	0.0009	77.6697
V_	-.00007	ppm	0.0001	198.3636
Zn	-.00029	ppm	0.0000	5.9785
In2306	3003.5	Cts/S	7.5238	0.2505
Y_2243	6830.2	Cts/S	25.0885	0.3673
Y_3600	101260.	Cts/S	230.9197	0.2280
Y_3710	15056.	Cts/S	165.4966	1.0992

L15XKT

Acquire Date: 04-Jun-2010 11:29 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00005	ppm	0.0005	1,058.8511
Al	.00844	ppm	0.0135	160.4196
As	.00485	ppm	0.0014	29.8089
B_	.03564	ppm	0.0006	1.7500
Ba	.00278	ppm	0.0003	11.3710
Be	-.00037	ppm	0.0001	13.5331
Ca	.36535	ppm	0.0020	0.5524
Cd	-.00013	ppm	0.0001	66.7828
Co	.05390	ppm	0.0003	0.5403
Cr	.00187	ppm	0.0003	15.9551
Cu	1.0330	ppm	0.0039	0.3765
Fe	.43726	ppm	0.0044	1.0064
K_	1.4478	ppm	0.0988	6.8244
Li	.00308	ppm	0.0003	9.4389
Mg	.10247	ppm	0.0075	7.2769
Mn	5.7359	ppm	0.0154	0.2683
Mo	-.00125	ppm	0.0001	4.9040
Na	F 1319.8	ppm	9.9142	0.7512
Ni	.40091	ppm	0.0009	0.2138
Pb	.00005	ppm	0.0002	362.8324
Sb	.00068	ppm	0.0009	134.7945
Se	.00455	ppm	0.0018	39.0295
Si	.16147	ppm	0.0033	2.0658
Sn	.00129	ppm	0.0006	50.2807
Sr	.00096	ppm	0.0000	1.1086
Ti	-.00003	ppm	0.0041	14,628.7078
Tl	-.00562	ppm	0.0007	13.0809
V_	-.00096	ppm	0.0002	19.2881
Zn	.00498	ppm	0.0001	1.0697
In2306	2539.0	Cts/S	18.8284	0.7416
Y_2243	6364.8	Cts/S	46.4391	0.7296
Y_3600	90352.	Cts/S	413.8690	0.4581
Y_3710	15386.	Cts/S	233.7059	1.5189

L16D2T

Acquire Date: 04-Jun-2010 11:33 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.00121	ppm	0.0004	29.3431
Al	1.0966	ppm	0.0118	1.0804
As	.00919	ppm	0.0020	21.5806
B_	3.8603	ppm	0.0018	0.0478
Ba	.74683	ppm	0.0037	0.5006
Be	.00175	ppm	0.0000	1.1182
Ca	294.83	ppm	3.4387	1.1663
Cd	.42094	ppm	0.0006	0.1392
Co	.15841	ppm	0.0002	0.1428
Cr	.03571	ppm	0.0005	1.4397
Cu	6.5468	ppm	0.0288	0.4399
Fe	4.1711	ppm	0.0189	0.4534
K_	30.644	ppm	0.1645	0.5369
Li	6.0591	ppm	0.0233	0.3840
Mg	12.482	ppm	0.0531	0.4257
Mn	2.3413	ppm	0.0127	0.5406
Mo	.23168	ppm	0.0003	0.1426
Na	F 1344.6	ppm	6.0922	0.4531
Ni	.32097	ppm	0.0006	0.1766
Pb	3.0061	ppm	0.0036	0.1186
Sb	.25483	ppm	0.0005	0.2129
Se	.01385	ppm	0.0024	17.0907
Si	3.7113	ppm	0.0152	0.4087
Sn	.03578	ppm	0.0004	1.2303
Sr	.58190	ppm	0.0034	0.5874
Ti	.00937	ppm	0.0020	21.5988
Tl	-.00261	ppm	0.0001	4.2092
V_	.00528	ppm	0.0001	2.7618
Zn	F 31.449	ppm	0.0414	0.1317
In2306	2386.7	Cts/S	4.2273	0.1771
Y_2243	6036.9	Cts/S	8.7818	0.1455
Y_3600	88071.	Cts/S	471.7757	0.5357
Y_3710	14767.	Cts/S	43.9294	0.2975

L19EJT

Acquire Date: 04-Jun-2010 11:38 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00016	ppm	0.0002	100.3310
Al	.00750	ppm	0.0107	143.2342
As	.00032	ppm	0.0028	878.8360
B_	.07712	ppm	0.0007	0.9601
Ba	.00659	ppm	0.0002	2.6421
Be	-.00033	ppm	0.0000	13.9205
Ca	.79697	ppm	0.0026	0.3211
Cd	.00004	ppm	0.0000	13.6870
Co	.02700	ppm	0.0004	1.6490
Cr	.00175	ppm	0.0001	6.6041
Cu	.90939	ppm	0.0047	0.5128
Fe	.12993	ppm	0.0014	1.0698
K_	2.1233	ppm	0.0295	1.3896
Li	.00611	ppm	0.0002	3.6285
Mg	.33104	ppm	0.0151	4.5644
Mn	2.5842	ppm	0.0106	0.4107
Mo	-.00094	ppm	0.0001	9.3298
Na	F 1307.3	ppm	7.3031	0.5586
Ni	.16880	ppm	0.0006	0.3513
Pb	.00036	ppm	0.0012	322.0840
Sb	.00106	ppm	0.0003	32.1774
Se	.00525	ppm	0.0010	18.9348
Si	.20560	ppm	0.0033	1.6180
Sn	.00101	ppm	0.0005	44.7056
Sr	.00277	ppm	0.0001	4.9247
Ti	-.00015	ppm	0.0017	1,122.1637
Tl	-.00198	ppm	0.0020	103.4498
V_	-.00079	ppm	0.0002	27.5661
Zn	.01022	ppm	0.0011	11.0864
In2306	2544.0	Cts/S	7.5334	0.2961
Y_2243	6380.4	Cts/S	17.5662	0.2753
Y_3600	90589.	Cts/S	37.2722	0.0411
Y_3710	15024.	Cts/S	30.3083	0.2017

L19EKT

Acquire Date: 04-Jun-2010 11:42 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00040	ppm	0.0002	55.2423
Al	.05217	ppm	0.0020	3.7636
As	.00562	ppm	0.0041	72.9077
B_	.01398	ppm	0.0003	1.8043
Ba	.00539	ppm	0.0003	4.6971
Be	-.00037	ppm	0.0000	7.1848
Ca	.58356	ppm	0.0082	1.4014
Cd	.00032	ppm	0.0000	14.0680
Co	.03661	ppm	0.0002	0.4439
Cr	.00371	ppm	0.0002	5.3176
Cu	.69023	ppm	0.0062	0.8988
Fe	1.9585	ppm	0.0204	1.0440
K_	1.7883	ppm	0.0524	2.9300
Li	.00441	ppm	0.0007	16.5648
Mg	.54612	ppm	0.0118	2.1548
Mn	2.4133	ppm	0.0284	1.1754
Mo	-.00114	ppm	0.0003	25.6338
Na	F 1293.1	ppm	15.9245	1.2315
Ni	.16611	ppm	0.0011	0.6401
Pb	-.00038	ppm	0.0006	146.6228
Sb	.00085	ppm	0.0005	58.5736
Se	.00515	ppm	0.0031	60.1947
Si	.42530	ppm	0.0068	1.6026
Sn	.00121	ppm	0.0009	74.2024
Sr	.00361	ppm	0.0001	3.5414
Ti	.00000	ppm	0.0002	10,019.3133
Tl	-.00297	ppm	0.0013	43.0907
V_	-.00050	ppm	0.0001	15.3524
Zn	.03810	ppm	0.0011	2.8810
In2306	2535.1	Cts/S	5.0418	0.1989
Y_2243	6324.0	Cts/S	6.8396	0.1082
Y_3600	90952.	Cts/S	293.2570	0.3224
Y_3710	15275.	Cts/S	120.0656	0.7860

L19ENT

Acquire Date: 04-Jun-2010 11:47 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.00053	ppm	0.0002	38.6754
Al	-.00282	ppm	0.0039	140.0162
As	.00162	ppm	0.0019	115.4079
B_	.03537	ppm	0.0005	1.4235
Ba	.26754	ppm	0.0008	0.2860
Be	-.00022	ppm	0.0000	8.6233
Ca	1.7106	ppm	0.0190	1.1080
Cd	.04480	ppm	0.0001	0.1201
Co	.04117	ppm	0.0001	0.3347
Cr	.00407	ppm	0.0003	6.5948
Cu	.00685	ppm	0.0021	31.2494
Fe	172.30	ppm	2.1919	1.2721
K_	1.6024	ppm	0.0235	1.4681
Li	.00335	ppm	0.0004	11.7831
Mg	.88945	ppm	0.0135	1.5174
Mn	12.495	ppm	0.0598	0.4784
Mo	-.00333	ppm	0.0002	5.2547
Na	F 1269.3	ppm	4.4085	0.3473
Ni	.23691	ppm	0.0010	0.4215
Pb	.00011	ppm	0.0012	1,096.7557
Sb	-.00289	ppm	0.0009	30.4314
Se	.00594	ppm	0.0016	26.7614
Si	.74782	ppm	0.0075	1.0002
Sn	.00240	ppm	0.0010	41.5356
Sr	.02129	ppm	0.0002	0.9764
Ti	-.00125	ppm	0.0026	205.2570
Tl	F -.01079	ppm	0.0015	13.5461
V_	-.00145	ppm	0.0002	14.5735
Zn	F 28.984	ppm	0.0870	0.3000
In2306	2575.1	Cts/S	5.6313	0.2187
Y_2243	6422.7	Cts/S	11.9609	0.1862
Y_3600	92219.	Cts/S	424.3485	0.4602
Y_3710	15340.	Cts/S	197.0633	1.2846

L2DVHBF

Acquire Date: 04-Jun-2010 11:51 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00080	ppm	0.0004	46.6261
Al	.00214	ppm	0.0119	557.7245
As	-.00274	ppm	0.0014	50.5773
B_	-.00068	ppm	0.0004	63.7207
Ba	-.00086	ppm	0.0001	13.6198
Be	-.00034	ppm	0.0000	13.9902
Ca	-.00469	ppm	0.0021	44.4059
Cd	-.00001	ppm	0.0000	281.0456
Co	-.00019	ppm	0.0000	23.1776
Cr	-.00027	ppm	0.0002	68.1221
Cu	-.00037	ppm	0.0013	347.1283
Fe	.00701	ppm	0.0008	11.3295
K_	.34652	ppm	0.0631	18.2086
Li	.00052	ppm	0.0018	341.3032
Mg	-.00869	ppm	0.0092	105.7336
Mn	-.00020	ppm	0.0003	144.9987
Mo	-.00100	ppm	0.0001	7.6712
Na	.87394	ppm	0.0245	2.8016
Ni	-.00008	ppm	0.0003	355.4728
Pb	-.00012	ppm	0.0006	506.1450
Sb	.00023	ppm	0.0006	282.2976
Se	.00049	ppm	0.0007	149.7181
Si	.02144	ppm	0.0050	23.1243
Sn	.00029	ppm	0.0006	195.6405
Sr	-.00042	ppm	0.0000	10.8670
Ti	-.00148	ppm	0.0018	122.6810
Tl	-.00050	ppm	0.0013	264.2721
V_	-.00048	ppm	0.0002	39.3448
Zn	.00700	ppm	0.0037	52.5727
In2306	3026.8	Cts/S	13.4394	0.4440
Y_2243	6888.3	Cts/S	23.0729	0.3350
Y_3600	103130.	Cts/S	497.1513	0.4821
Y_3710	15170.	Cts/S	62.0752	0.4092

L2DVHCF

Acquire Date: 04-Jun-2010 11:56 am Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.04980	ppm	0.0003	0.5073
Al	2.0934	ppm	0.0103	0.4942
As	2.0281	ppm	0.0095	0.4709
B_	1.0073	ppm	0.0023	0.2313
Ba	2.0399	ppm	0.0043	0.2095
Be	.05103	ppm	0.0002	0.3066
Ca	F .00443	ppm	0.0016	35.8169
Cd	.05025	ppm	0.0001	0.1824
Co	.52566	ppm	0.0004	0.0673
Cr	.20507	ppm	0.0001	0.0675
Cu	.25431	ppm	0.0021	0.8303
Fe	1.0851	ppm	0.0052	0.4771
K_	F .22957	ppm	0.1015	44.2267
Li	1.0166	ppm	0.0021	0.2057
Mg	F -.00938	ppm	0.0052	55.6179
Mn	.51957	ppm	0.0006	0.1217
Mo	1.0174	ppm	0.0010	0.1025
Na	F .53591	ppm	0.0167	3.1244
Ni	.52553	ppm	0.0008	0.1540
Pb	.50424	ppm	0.0015	0.2979
Sb	.51097	ppm	0.0010	0.2030
Se	2.0036	ppm	0.0047	0.2357
Si	9.7670	ppm	0.0177	0.1807
Sn	2.0124	ppm	0.0017	0.0824
Sr	1.0299	ppm	0.0021	0.2008
Ti	1.0119	ppm	0.0018	0.1754
Tl	2.0100	ppm	0.0079	0.3912
V_	.51225	ppm	0.0019	0.3643
Zn	.51197	ppm	0.0014	0.2644
In2306	3002.3	Cts/S	14.5860	0.4858
Y_2243	6838.0	Cts/S	34.2494	0.5009
Y_3600	102540.	Cts/S	552.3904	0.5387
Y_3710	15214.	Cts/S	51.7022	0.3398

L1796F

Acquire Date: 04-Jun-2010 12:00 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00068	ppm	0.0004	65.6849
Al	.01091	ppm	0.0118	107.7986
As	.00141	ppm	0.0020	138.2985
B_	.00927	ppm	0.0006	6.8333
Ba	.09813	ppm	0.0003	0.2920
Be	-.00027	ppm	0.0000	11.9505
Ca	30.850	ppm	0.1510	0.4894
Cd	-.00006	ppm	0.0001	92.4048
Co	-.00014	ppm	0.0002	115.3668
Cr	.00000	ppm	0.0001	3,654.5317
Cu	.00033	ppm	0.0022	679.4823
Fe	.01006	ppm	0.0012	12.3194
K_	1.2819	ppm	0.0575	4.4878
Li	.00094	ppm	0.0017	175.0169
Mg	17.219	ppm	0.0547	0.3175
Mn	.00105	ppm	0.0007	63.7192
Mo	-.00010	ppm	0.0003	317.6730
Na	2.2562	ppm	0.0087	0.3837
Ni	.00003	ppm	0.0002	836.8235
Pb	.00047	ppm	0.0006	123.8952
Sb	.00030	ppm	0.0006	192.9583
Se	.00004	ppm	0.0016	4,287.0422
Si	5.3830	ppm	0.0295	0.5479
Sn	.00038	ppm	0.0007	171.2297
Sr	.05977	ppm	0.0003	0.4448
Ti	-.00055	ppm	0.0019	339.7872
Tl	-.00057	ppm	0.0008	133.2700
V_	.00013	ppm	0.0003	278.0627
Zn	.00172	ppm	0.0002	8.7286
In2306	2929.4	Cts/S	21.7296	0.7418
Y_2243	6724.2	Cts/S	52.1545	0.7756
Y_3600	100730.	Cts/S	415.2136	0.4122
Y_3710	14979.	Cts/S	19.6728	0.1313

L1798F

Acquire Date: 04-Jun-2010 12:04 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.00003	ppm	0.0002	525.9472
Al	.00504	ppm	0.0130	257.8003
As	-.00089	ppm	0.0015	170.5936
B_	.01774	ppm	0.0005	2.8883
Ba	.11287	ppm	0.0004	0.3210
Be	-.00032	ppm	0.0000	3.1456
Ca	31.716	ppm	0.0531	0.1674
Cd	.00004	ppm	0.0000	73.7378
Co	-.00007	ppm	0.0003	415.8514
Cr	.00060	ppm	0.0004	64.5167
Cu	.00144	ppm	0.0015	105.3752
Fe	.00366	ppm	0.0016	44.0108
K_	2.2039	ppm	0.0558	2.5338
Li	.00021	ppm	0.0012	574.5985
Mg	17.302	ppm	0.0524	0.3031
Mn	-.00036	ppm	0.0003	71.0787
Mo	-.00062	ppm	0.0003	46.7783
Na	9.1966	ppm	0.0202	0.2195
Ni	.00063	ppm	0.0005	72.1206
Pb	.00042	ppm	0.0019	457.3935
Sb	.00188	ppm	0.0009	45.9007
Se	.00041	ppm	0.0011	270.2744
Si	4.7289	ppm	0.0091	0.1927
Sn	.00022	ppm	0.0003	133.4293
Sr	.05916	ppm	0.0002	0.2699
Ti	.00058	ppm	0.0032	543.7947
Tl	-.00175	ppm	0.0004	22.0129
V_	.00003	ppm	0.0001	206.7320
Zn	.00540	ppm	0.0000	0.4023
In2306	2944.1	Cts/S	20.4127	0.6933
Y_2243	6800.8	Cts/S	41.7995	0.6146
Y_3600	101280.	Cts/S	569.6395	0.5624
Y_3710	15202.	Cts/S	82.7328	0.5442

L179VF

Acquire Date: 04-Jun-2010 12:08 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00032	ppm	0.0005	153.2718
Al	.00542	ppm	0.0048	89.2302
As	-.00124	ppm	0.0013	105.9843
B_	.01712	ppm	0.0003	1.7764
Ba	.11244	ppm	0.0001	0.0912
Be	-.00038	ppm	0.0000	8.6361
Ca	31.409	ppm	0.1813	0.5772
Cd	.00001	ppm	0.0001	476.0507
Co	-.00016	ppm	0.0002	133.5784
Cr	.00072	ppm	0.0001	16.8165
Cu	.00012	ppm	0.0013	1,049.9165
Fe	.00415	ppm	0.0016	37.5647
K_	2.0201	ppm	0.0693	3.4291
Li	.00216	ppm	0.0014	66.8405
Mg	17.283	ppm	0.0134	0.0777
Mn	-.00039	ppm	0.0003	79.3890
Mo	-.00063	ppm	0.0000	2.6548
Na	9.0944	ppm	0.0328	0.3611
Ni	.00066	ppm	0.0008	121.6538
Pb	.00059	ppm	0.0010	174.8643
Sb	.00111	ppm	0.0011	96.0753
Se	.00087	ppm	0.0014	159.1458
Si	4.7050	ppm	0.0113	0.2401
Sn	.00027	ppm	0.0003	110.6042
Sr	.05839	ppm	0.0004	0.6159
Ti	.00039	ppm	0.0021	532.6116
Tl	-.00087	ppm	0.0013	151.8241
V_	.00021	ppm	0.0002	96.0643
Zn	.00323	ppm	0.0002	5.0179
In2306	2925.1	Cts/S	13.0799	0.4472
Y_2243	6761.9	Cts/S	39.2165	0.5800
Y_3600	100810.	Cts/S	897.9836	0.8908
Y_3710	15187.	Cts/S	72.1562	0.4751

CCV1-3

Acquire Date: 04-Jun-2010 12:13 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0028	ppm	0.0006	0.0624
Al	25.691	ppm	0.0820	0.3192
As	.54168	ppm	0.0015	0.2860
B_	2.0453	ppm	0.0056	0.2724
Ba	1.9964	ppm	0.0020	0.0981
Be	2.0560	ppm	0.0025	0.1236
Ca	51.759	ppm	0.0987	0.1908
Cd	.48722	ppm	0.0008	0.1641
Co	2.0883	ppm	0.0034	0.1647
Cr	2.0123	ppm	0.0068	0.3394
Cu	1.9780	ppm	0.0079	0.3981
Fe	25.742	ppm	0.0155	0.0603
K_	127.11	ppm	0.5058	0.3979
Li	2.0295	ppm	0.0032	0.1557
Mg	51.213	ppm	0.0944	0.1843
Mn	1.9781	ppm	0.0035	0.1759
Mo	2.0098	ppm	0.0011	0.0563
Na	126.85	ppm	0.0617	0.0486
Ni	2.0836	ppm	0.0023	0.1086
Pb	.50791	ppm	0.0023	0.4571
Sb	.50860	ppm	0.0025	0.4882
Se	.51649	ppm	0.0027	0.5247
Si	1.9919	ppm	0.0083	0.4156
Sn	1.9603	ppm	0.0023	0.1190
Sr	2.0249	ppm	0.0062	0.3068
Ti	2.0299	ppm	0.0109	0.5362
Tl	1.0077	ppm	0.0044	0.4357
V_	2.0512	ppm	0.0029	0.1435
Zn	2.0114	ppm	0.0045	0.2251
In2306	2723.9	Cts/S	13.3024	0.4884
Y_2243	6551.1	Cts/S	30.4545	0.4649
Y_3600	95780.	Cts/S	995.1627	1.0390
Y_3710	14707.	Cts/S	18.5797	0.1263

CCB3

Acquire Date: 04-Jun-2010 12:17 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00067	ppm	0.0002	35.5211
Al	.02200	ppm	0.0007	3.2090
As	.00001	ppm	0.0021	15,878.0377
B_	.00089	ppm	0.0006	65.6115
Ba	.00030	ppm	0.0002	64.0529
Be	.00005	ppm	0.0000	27.3055
Ca	.01922	ppm	0.0007	3.7997
Cd	.00006	ppm	0.0001	88.6748
Co	.00016	ppm	0.0001	60.4062
Cr	.00009	ppm	0.0002	236.8837
Cu	.00014	ppm	0.0006	413.3918
Fe	.00720	ppm	0.0012	16.3135
K_	.04284	ppm	0.0095	22.2359
Li	-.00009	ppm	0.0004	486.2333
Mg	.02536	ppm	0.0189	74.6689
Mn	-.00010	ppm	0.0002	170.0342
Mo	.00123	ppm	0.0006	50.1672
Na	.26427	ppm	0.0062	2.3321
Ni	.00046	ppm	0.0001	24.1016
Pb	-.00004	ppm	0.0008	1,934.9082
Sb	.00154	ppm	0.0010	67.4005
Se	.00007	ppm	0.0009	1,357.9527
Si	.00136	ppm	0.0018	132.7828
Sn	.00047	ppm	0.0002	34.3517
Sr	.00004	ppm	0.0001	256.0512
Ti	-.00050	ppm	0.0019	376.7351
Tl	-.00024	ppm	0.0016	673.6003
V_	.00020	ppm	0.0002	97.8071
Zn	.00020	ppm	0.0000	8.0620
In2306	3018.2	Cts/S	2.7950	0.0926
Y_2243	6864.5	Cts/S	3.2516	0.0474
Y_3600	101640.	Cts/S	165.4293	0.1628
Y_3710	14964.	Cts/S	71.6239	0.4787

L179VP5F

Acquire Date: 04-Jun-2010 12:21 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00020	ppm	0.0003	130.7879
Al	.00004	ppm	0.0022	5,559.1144
As	-.00162	ppm	0.0008	49.7832
B_	.00331	ppm	0.0003	9.0642
Ba	.02135	ppm	0.0003	1.3232
Be	-.00030	ppm	0.0000	3.8505
Ca	6.1309	ppm	0.0205	0.3340
Cd	.00003	ppm	0.0000	140.1887
Co	.00012	ppm	0.0002	123.0474
Cr	.00009	ppm	0.0002	246.8064
Cu	.00034	ppm	0.0011	315.8614
Fe	-.00045	ppm	0.0014	316.9424
K_	.43032	ppm	0.0634	14.7449
Li	-.00094	ppm	0.0011	113.2681
Mg	3.3904	ppm	0.0129	0.3806
Mn	-.00075	ppm	0.0006	82.5071
Mo	-.00027	ppm	0.0002	75.7377
Na	1.8905	ppm	0.0041	0.2164
Ni	.00040	ppm	0.0001	17.4112
Pb	-.00008	ppm	0.0002	289.0859
Sb	.00061	ppm	0.0007	121.8798
Se	-.00049	ppm	0.0009	187.5574
Si	.90397	ppm	0.0010	0.1132
Sn	.00036	ppm	0.0006	159.4038
Sr	.01094	ppm	0.0000	0.1333
Ti	.00029	ppm	0.0025	845.7075
Tl	-.00075	ppm	0.0005	72.5911
V_	.00001	ppm	0.0000	489.9200
Zn	.00174	ppm	0.0001	4.5616
In2306	3002.2	Cts/S	2.7561	0.0918
Y_2243	6841.0	Cts/S	9.0823	0.1328
Y_3600	100890.	Cts/S	213.5365	0.2117
Y_3710	15247.	Cts/S	7.6750	0.0503

L179VSF

Acquire Date: 04-Jun-2010 12:26 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05092	ppm	0.0006	1.0907
Al	2.1470	ppm	0.0244	1.1372
As	2.1187	ppm	0.0031	0.1443
B_	1.0691	ppm	0.0009	0.0809
Ba	2.1985	ppm	0.0099	0.4513
Be	.05265	ppm	0.0004	0.6983
Ca	31.526	ppm	0.2152	0.6826
Cd	.05097	ppm	0.0000	0.0655
Co	.53411	ppm	0.0006	0.1180
Cr	.21090	ppm	0.0001	0.0703
Cu	.25628	ppm	0.0046	1.7985
Fe	1.1033	ppm	0.0117	1.0628
K_	2.0345	ppm	0.0274	1.3466
Li	1.0472	ppm	0.0067	0.6397
Mg	17.151	ppm	0.0847	0.4939
Mn	.52275	ppm	0.0007	0.1323
Mo	1.0415	ppm	0.0011	0.1087
Na	9.0214	ppm	0.0573	0.6348
Ni	.53244	ppm	0.0010	0.1808
Pb	.51844	ppm	0.0007	0.1420
Sb	.52517	ppm	0.0006	0.1087
Se	2.0567	ppm	0.0053	0.2574
Si	14.601	ppm	0.0968	0.6632
Sn	2.0504	ppm	0.0022	0.1091
Sr	1.1149	ppm	0.0094	0.8419
Ti	1.0366	ppm	0.0032	0.3090
Tl	2.0878	ppm	0.0046	0.2211
V_	.53254	ppm	0.0012	0.2184
Zn	.52341	ppm	0.0014	0.2713
In2306	2904.1	Cts/S	12.5090	0.4307
Y_2243	6710.4	Cts/S	34.3990	0.5126
Y_3600	99872.	Cts/S	596.2520	0.5970
Y_3710	14965.	Cts/S	142.1639	0.9500

L179VDF

Acquire Date: 04-Jun-2010 12:30 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05019	ppm	0.0004	0.7286
Al	2.1207	ppm	0.0135	0.6351
As	2.0817	ppm	0.0035	0.1692
B_	1.0453	ppm	0.0001	0.0118
Ba	2.1680	ppm	0.0016	0.0722
Be	.05186	ppm	0.0001	0.2854
Ca	31.096	ppm	0.1132	0.3639
Cd	.05020	ppm	0.0001	0.2578
Co	.52731	ppm	0.0007	0.1264
Cr	.20706	ppm	0.0005	0.2330
Cu	.25039	ppm	0.0026	1.0512
Fe	1.0895	ppm	0.0013	0.1223
K_	1.9809	ppm	0.1320	6.6648
Li	1.0290	ppm	0.0042	0.4101
Mg	16.956	ppm	0.0275	0.1624
Mn	.51589	ppm	0.0007	0.1335
Mo	1.0171	ppm	0.0007	0.0703
Na	8.8697	ppm	0.0100	0.1127
Ni	.52549	ppm	0.0012	0.2229
Pb	.51179	ppm	0.0007	0.1293
Sb	.50822	ppm	0.0029	0.5673
Se	2.0249	ppm	0.0017	0.0852
Si	14.333	ppm	0.0129	0.0903
Sn	2.0010	ppm	0.0020	0.0990
Sr	1.0975	ppm	0.0023	0.2055
Ti	1.0112	ppm	0.0042	0.4198
Tl	2.0447	ppm	0.0059	0.2906
V_	.52368	ppm	0.0005	0.1005
Zn	.51058	ppm	0.0014	0.2702
In2306	2932.4	Cts/S	18.6677	0.6366
Y_2243	6796.7	Cts/S	44.6468	0.6569
Y_3600	100690.	Cts/S	281.5146	0.2796
Y_3710	15333.	Cts/S	54.6332	0.3563

L1839F

Acquire Date: 04-Jun-2010 12:34 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00036	ppm	0.0002	53.0272
Al	.00999	ppm	0.0119	119.3388
As	.00098	ppm	0.0015	150.4326
B_	.03172	ppm	0.0005	1.6563
Ba	.06748	ppm	0.0001	0.1120
Be	-.00034	ppm	0.0000	9.0386
Ca	17.923	ppm	0.0282	0.1572
Cd	.00000	ppm	0.0000	1,418.3053
Co	.00021	ppm	0.0001	57.1757
Cr	.00063	ppm	0.0000	3.2295
Cu	.00234	ppm	0.0042	179.5396
Fe	.02186	ppm	0.0016	7.2408
K_	3.0250	ppm	0.0284	0.9383
Li	-.00070	ppm	0.0004	63.2537
Mg	6.5082	ppm	0.0172	0.2643
Mn	.04191	ppm	0.0003	0.7523
Mo	.00649	ppm	0.0002	3.1177
Na	15.752	ppm	0.0199	0.1263
Ni	.00145	ppm	0.0004	30.7374
Pb	.00004	ppm	0.0013	3,051.9565
Sb	.00076	ppm	0.0007	89.7619
Se	-.00040	ppm	0.0017	414.5783
Si	2.2800	ppm	0.0015	0.0658
Sn	.00053	ppm	0.0001	25.1444
Sr	.05378	ppm	0.0002	0.3124
Ti	.00050	ppm	0.0001	10.6679
Tl	.00057	ppm	0.0018	318.4633
V_	.00118	ppm	0.0002	19.7785
Zn	.00927	ppm	0.0001	1.3247
In2306	2967.9	Cts/S	8.4789	0.2857
Y_2243	6780.2	Cts/S	15.0454	0.2219
Y_3600	100880.	Cts/S	241.5312	0.2394
Y_3710	15116.	Cts/S	136.6984	0.9043

L184NF

Acquire Date: 04-Jun-2010 12:38 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00038	ppm	0.0002	58.7319
Al	.00761	ppm	0.0092	120.6789
As	-.00201	ppm	0.0016	79.7096
B_	.01855	ppm	0.0003	1.7011
Ba	.06216	ppm	0.0004	0.6554
Be	-.00036	ppm	0.0000	7.3379
Ca	15.324	ppm	0.0252	0.1642
Cd	-.00002	ppm	0.0000	246.8507
Co	-.00010	ppm	0.0000	42.2322
Cr	.00049	ppm	0.0001	28.5472
Cu	.00296	ppm	0.0019	63.2168
Fe	.02303	ppm	0.0003	1.2636
K_	2.6136	ppm	0.0845	3.2325
Li	.00020	ppm	0.0013	675.4625
Mg	5.3862	ppm	0.0559	1.0376
Mn	.00396	ppm	0.0001	3.2447
Mo	.00005	ppm	0.0003	548.3050
Na	12.371	ppm	0.0174	0.1405
Ni	.00101	ppm	0.0001	13.3404
Pb	.00036	ppm	0.0007	183.7881
Sb	.00119	ppm	0.0011	93.0546
Se	.00183	ppm	0.0016	88.3357
Si	2.0521	ppm	0.0061	0.2967
Sn	.00068	ppm	0.0007	97.2280
Sr	.04882	ppm	0.0001	0.1820
Ti	.00049	ppm	0.0006	128.5664
Tl	-.00042	ppm	0.0011	266.0722
V_	.00083	ppm	0.0002	23.0022
Zn	.00806	ppm	0.0001	1.3448
In2306	2971.4	Cts/S	31.2592	1.0520
Y_2243	6760.5	Cts/S	69.0845	1.0219
Y_3600	101460.	Cts/S	893.0598	0.8802
Y_3710	14881.	Cts/S	13.5706	0.0912

L184PF

Acquire Date: 04-Jun-2010 12:43 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00103	ppm	0.0001	10.9154
Al	.01284	ppm	0.0075	58.1724
As	-.00077	ppm	0.0017	220.7221
B_	.01934	ppm	0.0004	2.0734
Ba	.06392	ppm	0.0004	0.6282
Be	-.00033	ppm	0.0000	8.9514
Ca	16.176	ppm	0.0771	0.4767
Cd	-.00005	ppm	0.0001	128.6627
Co	.00006	ppm	0.0002	290.7098
Cr	-.00014	ppm	0.0001	107.0625
Cu	.00306	ppm	0.0015	49.3461
Fe	.03352	ppm	0.0012	3.6503
K_	2.7208	ppm	0.0726	2.6676
Li	-.00004	ppm	0.0003	854.2299
Mg	5.7168	ppm	0.0101	0.1764
Mn	.00420	ppm	0.0004	8.9275
Mo	-.00005	ppm	0.0003	521.6486
Na	13.032	ppm	0.0456	0.3502
Ni	.00102	ppm	0.0004	36.3566
Pb	-.00036	ppm	0.0003	85.2676
Sb	-.00012	ppm	0.0011	993.5277
Se	-.00019	ppm	0.0037	1,919.4855
Si	2.2561	ppm	0.0094	0.4179
Sn	.00007	ppm	0.0007	1,016.2186
Sr	.05088	ppm	0.0003	0.5844
Ti	-.00008	ppm	0.0012	1,477.9076
Tl	-.00172	ppm	0.0015	85.9655
V_	.00096	ppm	0.0002	23.4471
Zn	.00427	ppm	0.0000	1.0763
In2306	2988.7	Cts/S	20.5519	0.6876
Y_2243	6837.6	Cts/S	40.3162	0.5896
Y_3600	101520.	Cts/S	494.4104	0.4870
Y_3710	15288.	Cts/S	25.3333	0.1657

L184QF

Acquire Date: 04-Jun-2010 12:47 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00033	ppm	0.0004	128.9504
Al	.00902	ppm	0.0071	78.8077
As	.00005	ppm	0.0017	3,441.5680
B_	.01927	ppm	0.0004	1.8664
Ba	.06396	ppm	0.0002	0.2374
Be	-.00037	ppm	0.0001	19.0974
Ca	16.432	ppm	0.0839	0.5104
Cd	-.00005	ppm	0.0000	48.0426
Co	-.00008	ppm	0.0000	45.3214
Cr	.00065	ppm	0.0005	72.8954
Cu	.00106	ppm	0.0008	70.8116
Fe	.02251	ppm	0.0014	6.2126
K_	2.5448	ppm	0.0486	1.9079
Li	-.00110	ppm	0.0003	29.8256
Mg	5.8342	ppm	0.0417	0.7150
Mn	.00964	ppm	0.0004	4.6190
Mo	-.00001	ppm	0.0002	1,082.9645
Na	12.666	ppm	0.0797	0.6290
Ni	.00017	ppm	0.0005	285.7571
Pb	-.00011	ppm	0.0006	499.9269
Sb	.00151	ppm	0.0010	63.7779
Se	.00218	ppm	0.0008	37.0378
Si	2.3387	ppm	0.0112	0.4790
Sn	-.00011	ppm	0.0002	183.0604
Sr	.05164	ppm	0.0002	0.4014
Ti	.00095	ppm	0.0007	73.8456
Tl	-.00115	ppm	0.0007	61.2565
V_	.00077	ppm	0.0003	43.1908
Zn	.00422	ppm	0.0001	2.2764
In2306	2984.6	Cts/S	14.6013	0.4892
Y_2243	6814.5	Cts/S	27.6138	0.4052
Y_3600	100840.	Cts/S	323.6294	0.3209
Y_3710	15277.	Cts/S	111.8864	0.7324

L184TF

Acquire Date: 04-Jun-2010 12:52 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00028	ppm	0.0006	209.2218
Al	.01751	ppm	0.0086	49.2960
As	.00044	ppm	0.0030	679.2761
B_	.01674	ppm	0.0002	0.9415
Ba	.06132	ppm	0.0007	1.0746
Be	-.00030	ppm	0.0001	20.6345
Ca	15.194	ppm	0.0710	0.4676
Cd	-.00002	ppm	0.0001	474.8549
Co	.00002	ppm	0.0002	873.0156
Cr	.00016	ppm	0.0001	51.9664
Cu	.00224	ppm	0.0011	49.5819
Fe	.02673	ppm	0.0008	3.1545
K_	2.5472	ppm	0.0402	1.5787
Li	-.00097	ppm	0.0005	56.5814
Mg	5.3407	ppm	0.0351	0.6578
Mn	.00405	ppm	0.0003	6.5298
Mo	-.00027	ppm	0.0001	52.9795
Na	12.238	ppm	0.0528	0.4311
Ni	.00087	ppm	0.0001	16.8208
Pb	-.00078	ppm	0.0002	27.2071
Sb	.00082	ppm	0.0010	123.4565
Se	-.00044	ppm	0.0002	56.1177
Si	2.0319	ppm	0.0019	0.0921
Sn	.00001	ppm	0.0002	1,770.8779
Sr	.04818	ppm	0.0002	0.3360
Ti	.00197	ppm	0.0010	48.7065
Tl	-.00252	ppm	0.0009	34.5690
V_	.00069	ppm	0.0003	40.5510
Zn	.04852	ppm	0.0002	0.4417
In2306	2985.6	Cts/S	11.5646	0.3873
Y_2243	6797.6	Cts/S	23.1522	0.3406
Y_3600	101440.	Cts/S	120.6772	0.1190
Y_3710	14877.	Cts/S	185.0529	1.2439

L18AAF

Acquire Date: 04-Jun-2010 12:56 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00098	ppm	0.0003	32.3422
Al	-.00243	ppm	0.0182	749.7974
As	-.00113	ppm	0.0019	168.7957
B_	-.00217	ppm	0.0003	14.8497
Ba	-.00088	ppm	0.0002	25.6979
Be	-.00031	ppm	0.0000	15.0653
Ca	.00841	ppm	0.0021	24.7099
Cd	.00001	ppm	0.0000	730.4346
Co	-.00021	ppm	0.0001	34.2441
Cr	.00010	ppm	0.0002	178.8856
Cu	-.00056	ppm	0.0011	194.0744
Fe	-.00240	ppm	0.0006	26.7300
K_	.01655	ppm	0.0295	178.4847
Li	-.00101	ppm	0.0015	147.5829
Mg	-.01466	ppm	0.0110	75.2226
Mn	-.00036	ppm	0.0004	101.0545
Mo	-.00107	ppm	0.0002	14.5631
Na	.25543	ppm	0.0073	2.8632
Ni	.00015	ppm	0.0001	71.8660
Pb	-.00103	ppm	0.0011	102.1558
Sb	-.00027	ppm	0.0010	380.5345
Se	.00136	ppm	0.0015	107.3664
Si	.02656	ppm	0.0040	14.9797
Sn	.00050	ppm	0.0006	127.4727
Sr	-.00038	ppm	0.0000	11.0749
Ti	-.00027	ppm	0.0012	436.4858
Tl	-.00084	ppm	0.0013	154.1389
V_	-.00041	ppm	0.0001	28.1364
Zn	-.00010	ppm	0.0001	55.0831
In2306	3033.4	Cts/S	1.8926	0.0624
Y_2243	6915.4	Cts/S	2.6158	0.0378
Y_3600	103090.	Cts/S	798.8955	0.7750
Y_3710	15371.	Cts/S	126.1458	0.8207

L2E7DBF

Acquire Date: 04-Jun-2010 1:00 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00057	ppm	0.0003	57.9696
Al	.00319	ppm	0.0071	223.6264
As	-.00079	ppm	0.0009	108.2189
B_	-.00317	ppm	0.0004	12.8607
Ba	-.00062	ppm	0.0003	49.2280
Be	-.00028	ppm	0.0000	5.8542
Ca	-.00566	ppm	0.0025	43.6329
Cd	-.00007	ppm	0.0000	37.9682
Co	-.00022	ppm	0.0002	100.3633
Cr	-.00017	ppm	0.0004	234.2289
Cu	-.00144	ppm	0.0022	154.6876
Fe	-.00100	ppm	0.0018	184.1670
K_	.03067	ppm	0.0174	56.8203
Li	-.00071	ppm	0.0004	56.4848
Mg	.00179	ppm	0.0063	350.7421
Mn	-.00046	ppm	0.0002	37.2513
Mo	-.00100	ppm	0.0002	18.6473
Na	.22466	ppm	0.0107	4.7784
Ni	-.00028	ppm	0.0002	77.7520
Pb	-.00087	ppm	0.0016	188.3816
Sb	.00054	ppm	0.0006	117.4753
Se	.00122	ppm	0.0017	140.8221
Si	.00974	ppm	0.0113	115.7662
Sn	-.00022	ppm	0.0008	337.7095
Sr	-.00038	ppm	0.0001	22.5658
Ti	.00186	ppm	0.0009	48.0498
Tl	-.00120	ppm	0.0011	92.3419
V_	-.00012	ppm	0.0003	217.6871
Zn	-.00032	ppm	0.0001	39.3096
In2306	3060.5	Cts/S	13.3681	0.4368
Y_2243	6960.6	Cts/S	31.4676	0.4521
Y_3600	103490.	Cts/S	298.5516	0.2885
Y_3710	15251.	Cts/S	162.6837	1.0667

CCV1-4

Acquire Date: 04-Jun-2010 1:05 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.99532	ppm	0.0010	0.1033
Al	26.018	ppm	0.1658	0.6371
As	.53909	ppm	0.0012	0.2310
B_	2.0394	ppm	0.0021	0.1052
Ba	2.0067	ppm	0.0046	0.2286
Be	2.0724	ppm	0.0118	0.5686
Ca	52.179	ppm	0.3076	0.5896
Cd	.48901	ppm	0.0009	0.1744
Co	2.0979	ppm	0.0033	0.1553
Cr	2.0120	ppm	0.0060	0.2973
Cu	1.9978	ppm	0.0123	0.6170
Fe	25.909	ppm	0.0987	0.3808
K_	128.85	ppm	1.1571	0.8980
Li	2.0453	ppm	0.0081	0.3984
Mg	51.329	ppm	0.1839	0.3582
Mn	1.9874	ppm	0.0065	0.3256
Mo	2.0132	ppm	0.0018	0.0872
Na	127.92	ppm	0.5168	0.4040
Ni	2.0901	ppm	0.0027	0.1304
Pb	.50851	ppm	0.0015	0.2905
Sb	.50849	ppm	0.0024	0.4650
Se	.51726	ppm	0.0035	0.6848
Si	2.0100	ppm	0.0033	0.1642
Sn	1.9616	ppm	0.0035	0.1780
Sr	2.0512	ppm	0.0134	0.6519
Ti	2.0464	ppm	0.0120	0.5888
Tl	1.0036	ppm	0.0037	0.3715
V_	2.0508	ppm	0.0052	0.2554
Zn	2.0066	ppm	0.0017	0.0833
In2306	2707.9	Cts/S	3.6916	0.1363
Y_2243	6522.2	Cts/S	15.4930	0.2375
Y_3600	95444.	Cts/S	704.6622	0.7383
Y_3710	14721.	Cts/S	255.5239	1.7357

CCB4

Acquire Date: 04-Jun-2010 1:09 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00011	ppm	0.0002	143.9844
Al	.01772	ppm	0.0013	7.4361
As	-.00015	ppm	0.0009	590.1381
B_	.00030	ppm	0.0003	113.5901
Ba	.00006	ppm	0.0003	504.5015
Be	.00001	ppm	0.0000	362.3318
Ca	.01917	ppm	0.0022	11.4410
Cd	.00006	ppm	0.0000	43.4423
Co	.00053	ppm	0.0002	33.9954
Cr	.00049	ppm	0.0003	57.2861
Cu	-.00008	ppm	0.0008	980.8215
Fe	.00685	ppm	0.0007	9.7747
K_	.04619	ppm	0.0258	55.9455
Li	-.00060	ppm	0.0006	93.9055
Mg	.02051	ppm	0.0037	18.0996
Mn	.00000	ppm	0.0006	46,640.0570
Mo	.00130	ppm	0.0001	11.2691
Na	.16200	ppm	0.0115	7.1103
Ni	.00060	ppm	0.0001	8.7539
Pb	-.00063	ppm	0.0006	101.1559
Sb	.00146	ppm	0.0008	52.9574
Se	.00061	ppm	0.0010	157.4584
Si	.00201	ppm	0.0066	325.8568
Sn	.00073	ppm	0.0001	19.3710
Sr	-.00004	ppm	0.0000	86.9278
Ti	.00156	ppm	0.0015	97.8707
Tl	.00004	ppm	0.0011	2,732.4479
V_	-.00012	ppm	0.0002	167.8261
Zn	.00010	ppm	0.0001	152.7480
In2306	3021.6	Cts/S	8.7291	0.2889
Y_2243	6871.6	Cts/S	26.2649	0.3822
Y_3600	101780.	Cts/S	182.4029	0.1792
Y_3710	15207.	Cts/S	134.4872	0.8844

L2E7DCF

Acquire Date: 04-Jun-2010 1:13 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.04826	ppm	0.0001	0.1717
Al	1.9611	ppm	0.0178	0.9082
As	1.9649	ppm	0.0013	0.0681
B_	.98538	ppm	0.0017	0.1727
Ba	1.9063	ppm	0.0061	0.3223
Be	.04822	ppm	0.0003	0.5312
Ca	F -.00148	ppm	0.0007	49.7872
Cd	.04840	ppm	0.0002	0.3355
Co	.49344	ppm	0.0018	0.3646
Cr	.19484	ppm	0.0006	0.2824
Cu	.23916	ppm	0.0019	0.7972
Fe	1.0180	ppm	0.0067	0.6554
K_	F -.08147	ppm	0.0684	83.9181
Li	.94847	ppm	0.0071	0.7537
Mg	F .00816	ppm	0.0031	38.5856
Mn	.48672	ppm	0.0009	0.1823
Mo	F -.00066	ppm	0.0001	20.3738
Na	F .10009	ppm	0.0050	4.9459
Ni	.49545	ppm	0.0005	0.0974
Pb	.48101	ppm	0.0023	0.4745
Sb	F -.00008	ppm	0.0012	1,436.6751
Se	2.0013	ppm	0.0090	0.4497
Si	F .00692	ppm	0.0022	32.2305
Sn	F .00003	ppm	0.0002	724.6042
Sr	.95776	ppm	0.0066	0.6925
Ti	F .00039	ppm	0.0003	89.8387
Tl	1.9421	ppm	0.0013	0.0681
V_	.48194	ppm	0.0011	0.2270
Zn	.49641	ppm	0.0006	0.1290
In2306	3106.2	Cts/S	23.0134	0.7409
Y_2243	7074.0	Cts/S	50.0516	0.7075
Y_3600	105330.	Cts/S	1,294.9700	1.2294
Y_3710	15694.	Cts/S	61.9703	0.3949

L2D0EF

Acquire Date: 04-Jun-2010 1:18 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00022	ppm	0.0005	235.6408
Al	.02658	ppm	0.0116	43.5311
As	.00402	ppm	0.0003	7.8458
B_	7.0957	ppm	0.0029	0.0402
Ba	.01263	ppm	0.0003	2.6577
Be	-.00007	ppm	0.0000	45.2905
Ca	227.12	ppm	3.3268	1.4648
Cd	-.00002	ppm	0.0000	160.8818
Co	.00100	ppm	0.0002	17.0427
Cr	.00019	ppm	0.0002	82.8840
Cu	.00213	ppm	0.0011	51.5726
Fe	.52150	ppm	0.0039	0.7524
K_	3.6436	ppm	0.1030	2.8268
Li	.06481	ppm	0.0003	0.4512
Mg	117.97	ppm	0.2686	0.2277
Mn	.34636	ppm	0.0002	0.0697
Mo	.00005	ppm	0.0001	152.9257
Na	107.53	ppm	0.2474	0.2301
Ni	.00254	ppm	0.0002	7.5072
Pb	.00102	ppm	0.0011	106.5346
Sb	.00088	ppm	0.0018	202.1937
Se	.00041	ppm	0.0008	193.3866
Si	6.7490	ppm	0.0150	0.2221
Sn	.00034	ppm	0.0003	77.1549
Sr	.44703	ppm	0.0006	0.1263
Ti	.00507	ppm	0.0021	40.4767
Tl	-.00079	ppm	0.0021	271.9485
V_	.00060	ppm	0.0004	64.1466
Zn	.00540	ppm	0.0001	2.2156
In2306	2694.9	Cts/S	4.1788	0.1551
Y_2243	6455.4	Cts/S	5.6657	0.0878
Y_3600	95322.	Cts/S	1,050.1512	1.1017
Y_3710	14813.	Cts/S	127.8962	0.8634

L2D0EP5F

Acquire Date: 04-Jun-2010 1:22 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00063	ppm	0.0007	109.1663
Al	.00878	ppm	0.0099	113.0459
As	.00057	ppm	0.0024	422.3460
B_	1.3690	ppm	0.0013	0.0956
Ba	.00163	ppm	0.0001	9.0647
Be	-.00036	ppm	0.0000	9.9170
Ca	45.856	ppm	0.1358	0.2961
Cd	-.00002	ppm	0.0001	439.1028
Co	.00000	ppm	0.0003	5,829.7040
Cr	.00003	ppm	0.0002	656.3153
Cu	-.00090	ppm	0.0011	119.3525
Fe	.10115	ppm	0.0020	1.9674
K_	.76217	ppm	0.0205	2.6871
Li	.01200	ppm	0.0012	9.8525
Mg	23.434	ppm	0.0194	0.0827
Mn	.06948	ppm	0.0005	0.7224
Mo	-.00077	ppm	0.0002	20.5985
Na	20.838	ppm	0.0612	0.2938
Ni	.00061	ppm	0.0002	37.5803
Pb	.00002	ppm	0.0018	8,644.9519
Sb	.00080	ppm	0.0001	15.5758
Se	-.00023	ppm	0.0025	1,102.2288
Si	1.3093	ppm	0.0056	0.4298
Sn	.00006	ppm	0.0002	260.4630
Sr	.08794	ppm	0.0001	0.1531
Ti	.00047	ppm	0.0036	763.0646
Tl	.00028	ppm	0.0006	223.2403
V_	-.00033	ppm	0.0003	104.8990
Zn	.00130	ppm	0.0001	9.2469
In2306	2931.3	Cts/S	29.5076	1.0066
Y_2243	6750.5	Cts/S	63.6561	0.9430
Y_3600	99605.	Cts/S	607.6651	0.6101
Y_3710	15172.	Cts/S	205.9492	1.3574

L2D0ESF

Acquire Date: 04-Jun-2010 1:26 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.04919	ppm	0.0002	0.4195
Al	2.0418	ppm	0.0184	0.9022
As	2.0804	ppm	0.0061	0.2946
B_	8.0705	ppm	0.0138	0.1716
Ba	1.9635	ppm	0.0048	0.2440
Be	.04910	ppm	0.0002	0.3671
Ca	227.49	ppm	3.9697	1.7450
Cd	.04688	ppm	0.0000	0.0470
Co	.50487	ppm	0.0004	0.0728
Cr	.19411	ppm	0.0004	0.1987
Cu	.24035	ppm	0.0033	1.3667
Fe	1.5419	ppm	0.0018	0.1167
K_	3.6594	ppm	0.0755	2.0626
Li	1.0621	ppm	0.0034	0.3208
Mg	117.60	ppm	0.1794	0.1526
Mn	.83245	ppm	0.0009	0.1057
Mo	-.00013	ppm	0.0001	110.7293
Na	106.88	ppm	0.2810	0.2630
Ni	.50261	ppm	0.0005	0.1044
Pb	.49103	ppm	0.0016	0.3200
Sb	-.00056	ppm	0.0005	91.5364
Se	2.0491	ppm	0.0073	0.3540
Si	6.7089	ppm	0.0171	0.2547
Sn	-.00017	ppm	0.0003	198.7019
Sr	1.4317	ppm	0.0045	0.3144
Ti	.00566	ppm	0.0018	31.9589
Tl	1.9483	ppm	0.0086	0.4400
V_	.50013	ppm	0.0010	0.1913
Zn	.48356	ppm	0.0018	0.3654
In2306	2713.8	Cts/S	23.1587	0.8534
Y_2243	6528.6	Cts/S	55.7596	0.8541
Y_3600	95183.	Cts/S	127.5425	0.1340
Y_3710	15111.	Cts/S	131.3800	0.8694

L2D0EDF

Acquire Date: 04-Jun-2010 1:31 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05050	ppm	0.0003	0.6551
Al	2.1045	ppm	0.0156	0.7406
As	2.1376	ppm	0.0096	0.4473
B_	8.1796	ppm	0.0086	0.1057
Ba	2.0100	ppm	0.0004	0.0218
Be	.05016	ppm	0.0001	0.2424
Ca	231.56	ppm	4.0112	1.7323
Cd	.04826	ppm	0.0001	0.2913
Co	.51796	ppm	0.0012	0.2385
Cr	.19914	ppm	0.0002	0.1165
Cu	.24473	ppm	0.0011	0.4612
Fe	1.5633	ppm	0.0096	0.6140
K_	3.7189	ppm	0.0229	0.6154
Li	1.0909	ppm	0.0023	0.2117
Mg	118.31	ppm	0.2095	0.1771
Mn	.84547	ppm	0.0030	0.3529
Mo	-.00033	ppm	0.0002	58.9668
Na	107.82	ppm	0.1666	0.1545
Ni	.51722	ppm	0.0006	0.1141
Pb	.50545	ppm	0.0026	0.5138
Sb	-.00170	ppm	0.0007	40.5116
Se	2.1017	ppm	0.0034	0.1635
Si	6.7818	ppm	0.0221	0.3264
Sn	.00021	ppm	0.0004	197.8702
Sr	1.4586	ppm	0.0033	0.2238
Ti	.00303	ppm	0.0018	58.9335
Tl	2.0039	ppm	0.0054	0.2711
V_	.51103	ppm	0.0007	0.1316
Zn	.49733	ppm	0.0005	0.0957
In2306	2703.0	Cts/S	11.1531	0.4126
Y_2243	6501.1	Cts/S	25.7999	0.3969
Y_3600	95504.	Cts/S	395.3371	0.4139
Y_3710	15019.	Cts/S	184.0689	1.2256

L2D0FF

Acquire Date: 04-Jun-2010 1:35 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00035	ppm	0.0005	139.3469
Al	.01287	ppm	0.0087	67.8165
As	.00499	ppm	0.0013	25.7189
B_	.36384	ppm	0.0030	0.8183
Ba	.02532	ppm	0.0001	0.5490
Be	-.00028	ppm	0.0001	19.3986
Ca	66.920	ppm	0.1770	0.2645
Cd	.00056	ppm	0.0000	4.0655
Co	.00040	ppm	0.0002	44.6058
Cr	.00003	ppm	0.0003	1,124.6970
Cu	.09907	ppm	0.0026	2.6477
Fe	.00077	ppm	0.0008	98.1618
K_	6.7195	ppm	0.0626	0.9313
Li	.04644	ppm	0.0012	2.6655
Mg	28.850	ppm	0.0474	0.1641
Mn	.02243	ppm	0.0004	1.7054
Mo	.00400	ppm	0.0003	7.4688
Na	45.532	ppm	0.0926	0.2033
Ni	.00626	ppm	0.0004	6.8259
Pb	.00055	ppm	0.0013	235.6803
Sb	.00083	ppm	0.0014	162.6309
Se	.00267	ppm	0.0030	112.4036
Si	8.1644	ppm	0.0378	0.4632
Sn	.00007	ppm	0.0006	857.4641
Sr	.78884	ppm	0.0036	0.4528
Ti	.00210	ppm	0.0016	77.2217
Tl	-.00020	ppm	0.0006	291.1732
V_	.00040	ppm	0.0004	106.7705
Zn	.76419	ppm	0.0040	0.5275
In2306	2903.9	Cts/S	7.4102	0.2552
Y_2243	6775.8	Cts/S	29.2543	0.4317
Y_3600	99473.	Cts/S	1,276.0929	1.2829
Y_3710	15397.	Cts/S	155.7725	1.0117

L2D0JF

Acquire Date: 04-Jun-2010 1:39 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00047	ppm	0.0005	96.1905
Al	.03458	ppm	0.0188	54.4254
As	.00318	ppm	0.0014	44.3756
B_	1.4144	ppm	0.0013	0.0919
Ba	.01599	ppm	0.0002	1.3872
Be	-.00032	ppm	0.0000	6.9256
Ca	375.04	ppm	3.9538	1.0542
Cd	.00004	ppm	0.0001	132.0431
Co	.00169	ppm	0.0003	19.0508
Cr	.00049	ppm	0.0005	94.8333
Cu	-.00011	ppm	0.0021	1,908.7403
Fe	.06531	ppm	0.0005	0.7345
K_	3.0019	ppm	0.0433	1.4419
Li	.06006	ppm	0.0013	2.1313
Mg	156.94	ppm	0.8261	0.5264
Mn	.32919	ppm	0.0020	0.5954
Mo	-.00086	ppm	0.0002	25.4645
Na	181.39	ppm	1.8137	0.9999
Ni	.00295	ppm	0.0003	9.6672
Pb	.00181	ppm	0.0008	44.4130
Sb	.00047	ppm	0.0018	386.0129
Se	.00116	ppm	0.0019	165.7382
Si	6.9754	ppm	0.0552	0.7908
Sn	-.00010	ppm	0.0005	467.8426
Sr	.59342	ppm	0.0062	1.0404
Ti	.00517	ppm	0.0019	37.0439
Tl	-.00100	ppm	0.0008	77.7225
V_	.00027	ppm	0.0003	94.9168
Zn	.00446	ppm	0.0002	4.7477
In2306	2671.2	Cts/S	19.3604	0.7248
Y_2243	6479.9	Cts/S	43.3116	0.6684
Y_3600	94994.	Cts/S	360.7866	0.3798
Y_3710	15282.	Cts/S	29.4665	0.1928

L2D0MF

Acquire Date: 04-Jun-2010 1:44 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00070	ppm	0.0005	71.5393
Al	.00172	ppm	0.0067	387.4781
As	.00160	ppm	0.0012	78.2309
B_	.49865	ppm	0.0023	0.4639
Ba	.03970	ppm	0.0003	0.8108
Be	-.00034	ppm	0.0000	7.2914
Ca	35.720	ppm	0.1645	0.4606
Cd	.00014	ppm	0.0000	28.4896
Co	.00023	ppm	0.0001	46.4870
Cr	.00013	ppm	0.0002	194.2229
Cu	.02788	ppm	0.0032	11.4554
Fe	.00730	ppm	0.0003	4.1013
K_	4.2224	ppm	0.1009	2.3901
Li	.02110	ppm	0.0008	3.6971
Mg	11.199	ppm	0.0220	0.1961
Mn	.00814	ppm	0.0001	0.7226
Mo	.00049	ppm	0.0001	30.5830
Na	58.125	ppm	0.1286	0.2212
Ni	.00128	ppm	0.0003	21.7885
Pb	-.00003	ppm	0.0006	1,768.9587
Sb	.00115	ppm	0.0013	114.1827
Se	-.00038	ppm	0.0024	651.3681
Si	5.7673	ppm	0.0067	0.1170
Sn	-.00006	ppm	0.0005	697.6573
Sr	.44040	ppm	0.0026	0.5897
Ti	.00061	ppm	0.0028	457.7073
Tl	-.00041	ppm	0.0010	233.2683
V_	.00000	ppm	0.0005	11,917.3877
Zn	.28817	ppm	0.0002	0.0860
In2306	2942.4	Cts/S	7.5169	0.2555
Y_2243	6811.7	Cts/S	11.7824	0.1730
Y_3600	101140.	Cts/S	82.0372	0.0811
Y_3710	15112.	Cts/S	110.0849	0.7285

L2DVVB

Acquire Date: 04-Jun-2010 1:48 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00070	ppm	0.0002	27.9276
Al	.01347	ppm	0.0081	60.4856
As	-.00075	ppm	0.0014	182.8587
B_	.00653	ppm	0.0002	2.9996
Ba	-.00081	ppm	0.0002	22.1987
Be	-.00031	ppm	0.0000	11.5486
Ca	.08508	ppm	0.0142	16.6441
Cd	-.00007	ppm	0.0000	68.7106
Co	.00005	ppm	0.0001	188.9538
Cr	-.00041	ppm	0.0001	34.2570
Cu	-.00107	ppm	0.0018	169.6067
Fe	-.00264	ppm	0.0026	97.4572
K_	-.27028	ppm	0.0488	18.0429
Li	-.00266	ppm	0.0015	57.4764
Mg	.02036	ppm	0.0074	36.3029
Mn	-.00032	ppm	0.0005	144.5940
Mo	-.00117	ppm	0.0002	18.2884
Na	.15499	ppm	0.0073	4.7033
Ni	-.00016	ppm	0.0002	153.9033
Pb	-.00038	ppm	0.0007	176.6548
Sb	.00018	ppm	0.0012	692.0229
Se	.00007	ppm	0.0008	1,083.3275
Si	.00599	ppm	0.0027	45.5772
Sn	-.00043	ppm	0.0005	106.9850
Sr	-.00005	ppm	0.0000	45.9343
Ti	-.00071	ppm	0.0007	102.6223
Tl	-.00081	ppm	0.0003	41.1077
V_	-.00026	ppm	0.0002	81.0007
Zn	.00018	ppm	0.0002	125.1598
In2306	3139.2	Cts/S	12.8930	0.4107
Y_2243	7100.5	Cts/S	33.8388	0.4766
Y_3600	104760.	Cts/S	1,355.3541	1.2937
Y_3710	15630.	Cts/S	47.5553	0.3043

L2DVVC

Acquire Date: 04-Jun-2010 1:53 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05046	ppm	0.0002	0.3302
Al	2.1127	ppm	0.0066	0.3117
As	2.0659	ppm	0.0042	0.2050
B_	1.0290	ppm	0.0011	0.1057
Ba	2.0179	ppm	0.0032	0.1597
Be	.05054	ppm	0.0002	0.4510
Ca	F .02037	ppm	0.0143	70.4071
Cd	.05084	ppm	0.0001	0.2759
Co	.51521	ppm	0.0010	0.1959
Cr	.20604	ppm	0.0007	0.3615
Cu	.25680	ppm	0.0005	0.1900
Fe	1.0826	ppm	0.0057	0.5230
K_	F -.30169	ppm	0.0228	7.5612
Li	1.0050	ppm	0.0007	0.0711
Mg	F .00269	ppm	0.0052	192.2886
Mn	.51486	ppm	0.0008	0.1462
Mo	F -.00096	ppm	0.0002	19.1965
Na	F .09408	ppm	0.0171	18.1933
Ni	.51890	ppm	0.0017	0.3357
Pb	.50255	ppm	0.0020	0.3895
Sb	F -.00097	ppm	0.0009	94.0871
Se	2.1145	ppm	0.0065	0.3080
Si	F .00549	ppm	0.0091	165.2142
Sn	F -.00017	ppm	0.0003	202.8923
Sr	1.0277	ppm	0.0037	0.3628
Ti	F .00019	ppm	0.0023	1,212.9858
Tl	2.0321	ppm	0.0084	0.4130
V_	.51130	ppm	0.0002	0.0489
Zn	.52519	ppm	0.0007	0.1364
In2306	3120.9	Cts/S	20.5242	0.6576
Y_2243	7069.9	Cts/S	38.0373	0.5380
Y_3600	103950.	Cts/S	1,712.2330	1.6471
Y_3710	15570.	Cts/S	118.7442	0.7626

CCV1-5

Acquire Date: 04-Jun-2010 1:57 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0062	ppm	0.0019	0.1882
Al	25.853	ppm	0.1788	0.6916
As	.54480	ppm	0.0017	0.3153
B_	2.0648	ppm	0.0032	0.1569
Ba	2.0180	ppm	0.0069	0.3416
Be	2.0614	ppm	0.0074	0.3601
Ca	51.734	ppm	0.2544	0.4918
Cd	.48892	ppm	0.0004	0.0753
Co	2.0978	ppm	0.0017	0.0800
Cr	2.0205	ppm	0.0045	0.2233
Cu	1.9960	ppm	0.0152	0.7602
Fe	25.974	ppm	0.1499	0.5772
K_	128.43	ppm	1.0010	0.7794
Li	2.0434	ppm	0.0098	0.4774
Mg	51.199	ppm	0.1912	0.3734
Mn	1.9954	ppm	0.0106	0.5336
Mo	2.0131	ppm	0.0025	0.1266
Na	127.25	ppm	0.4766	0.3746
Ni	2.0913	ppm	0.0039	0.1862
Pb	.50834	ppm	0.0006	0.1216
Sb	.51153	ppm	0.0020	0.3982
Se	.51761	ppm	0.0011	0.2062
Si	2.0252	ppm	0.0245	1.2114
Sn	1.9677	ppm	0.0013	0.0656
Sr	2.0397	ppm	0.0094	0.4592
Ti	2.0341	ppm	0.0080	0.3925
Tl	1.0123	ppm	0.0018	0.1748
V_	2.0604	ppm	0.0040	0.1948
Zn	2.0160	ppm	0.0023	0.1156
In2306	2710.8	Cts/S	16.3365	0.6026
Y_2243	6523.5	Cts/S	43.4581	0.6662
Y_3600	95233.	Cts/S	854.8159	0.8976
Y_3710	14656.	Cts/S	248.5705	1.6961

CCB5

Acquire Date: 04-Jun-2010 2:01 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00052	ppm	0.0001	24.1733
Al	.01385	ppm	0.0126	91.1982
As	.00009	ppm	0.0015	1,709.9764
B_	.00707	ppm	0.0005	6.5374
Ba	.00016	ppm	0.0002	143.5158
Be	.00007	ppm	0.0000	39.1855
Ca	.01687	ppm	0.0024	14.5027
Cd	.00006	ppm	0.0000	21.5963
Co	.00032	ppm	0.0001	45.5125
Cr	.00036	ppm	0.0003	89.2487
Cu	-.00030	ppm	0.0031	1,016.0217
Fe	.00873	ppm	0.0011	12.3169
K_	.04396	ppm	0.0509	115.8525
Li	-.00223	ppm	0.0003	11.6800
Mg	.00841	ppm	0.0156	184.9406
Mn	-.00026	ppm	0.0004	149.3385
Mo	.00095	ppm	0.0003	32.8355
Na	.16188	ppm	0.0094	5.7939
Ni	.00041	ppm	0.0001	22.1417
Pb	-.00010	ppm	0.0010	969.4567
Sb	.00075	ppm	0.0007	90.4131
Se	.00175	ppm	0.0006	36.2975
Si	.00334	ppm	0.0069	205.0554
Sn	.00008	ppm	0.0003	362.2533
Sr	-.00003	ppm	0.0001	420.7092
Ti	-.00175	ppm	0.0005	28.2005
Tl	-.00030	ppm	0.0010	335.4817
V_	.00022	ppm	0.0004	160.1600
Zn	-.00009	ppm	0.0001	129.7666
In2306	2996.3	Cts/S	10.0227	0.3345
Y_2243	6784.3	Cts/S	18.3527	0.2705
Y_3600	100420.	Cts/S	543.8491	0.5416
Y_3710	14948.	Cts/S	119.5945	0.8001

L2CVV

Acquire Date: 04-Jun-2010 2:06 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00050	ppm	0.0002	40.4723
Al	.03399	ppm	0.0157	46.2671
As	.00163	ppm	0.0015	92.7251
B_	.01881	ppm	0.0002	1.1573
Ba	.11413	ppm	0.0003	0.2758
Be	-.00011	ppm	0.0000	33.2361
Ca	105.89	ppm	0.6625	0.6256
Cd	-.00007	ppm	0.0000	11.5121
Co	.00046	ppm	0.0003	75.9745
Cr	.00290	ppm	0.0005	16.6159
Cu	.00190	ppm	0.0013	68.6232
Fe	.01032	ppm	0.0013	12.7833
K_	18.470	ppm	0.0479	0.2593
Li	.01599	ppm	0.0011	7.0655
Mg	15.994	ppm	0.0890	0.5562
Mn	.00156	ppm	0.0002	12.7558
Mo	.01284	ppm	0.0003	2.3899
Na	490.06	ppm	4.9628	1.0127
Ni	.00139	ppm	0.0002	17.6277
Pb	.00010	ppm	0.0015	1,553.4848
Sb	.00056	ppm	0.0016	286.0341
Se	.00027	ppm	0.0028	1,020.2514
Si	5.5587	ppm	0.0343	0.6171
Sn	-.00034	ppm	0.0005	139.5677
Sr	1.7629	ppm	0.0086	0.4857
Ti	.00206	ppm	0.0031	150.7632
Tl	-.00141	ppm	0.0005	32.0916
V_	.00357	ppm	0.0001	4.0033
Zn	.00678	ppm	0.0001	2.0617
In2306	2694.6	Cts/S	9.6328	0.3575
Y_2243	6566.1	Cts/S	29.1379	0.4438
Y_3600	94133.	Cts/S	199.9024	0.2124
Y_3710	14931.	Cts/S	255.9725	1.7143

L2CVVP5

Acquire Date: 04-Jun-2010 2:10 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00049	ppm	0.0005	96.4241
Al	.00361	ppm	0.0023	64.2630
As	-.00131	ppm	0.0018	135.0707
B_	.00514	ppm	0.0002	4.7709
Ba	.02211	ppm	0.0002	0.8097
Be	-.00035	ppm	0.0000	13.1044
Ca	21.096	ppm	0.0557	0.2640
Cd	-.00004	ppm	0.0001	245.3542
Co	.00004	ppm	0.0001	178.8968
Cr	.00041	ppm	0.0003	66.0223
Cu	.00010	ppm	0.0011	1,072.1507
Fe	.00121	ppm	0.0006	48.9120
K_	3.5611	ppm	0.0709	1.9897
Li	.00306	ppm	0.0014	45.1988
Mg	3.1776	ppm	0.0125	0.3931
Mn	-.00007	ppm	0.0000	30.7610
Mo	.00195	ppm	0.0002	7.8590
Na	100.51	ppm	0.1846	0.1837
Ni	.00008	ppm	0.0002	298.5553
Pb	-.00035	ppm	0.0008	218.7090
Sb	.00084	ppm	0.0012	142.7859
Se	.00028	ppm	0.0010	358.8331
Si	1.1030	ppm	0.0078	0.7052
Sn	-.00028	ppm	0.0001	34.7505
Sr	.35191	ppm	0.0009	0.2459
Ti	-.00108	ppm	0.0022	200.2753
Tl	-.00189	ppm	0.0004	22.4835
V_	.00046	ppm	0.0002	50.9898
Zn	.00130	ppm	0.0001	5.6647
In2306	2876.5	Cts/S	19.1743	0.6666
Y_2243	6656.2	Cts/S	43.8952	0.6595
Y_3600	97894.	Cts/S	1,019.7559	1.0417
Y_3710	14565.	Cts/S	99.4406	0.6827

L2CVVS

Acquire Date: 04-Jun-2010 2:14 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05116	ppm	0.0001	0.2091
Al	2.0535	ppm	0.0094	0.4591
As	2.1408	ppm	0.0019	0.0892
B_	1.0232	ppm	0.0017	0.1680
Ba	2.0846	ppm	0.0021	0.0991
Be	.05010	ppm	0.0001	0.1517
Ca	105.79	ppm	0.2666	0.2520
Cd	.04893	ppm	0.0001	0.1998
Co	.53059	ppm	0.0015	0.2873
Cr	.20509	ppm	0.0006	0.2771
Cu	.24525	ppm	0.0035	1.4299
Fe	1.0465	ppm	0.0046	0.4431
K_	18.301	ppm	0.0542	0.2963
Li	1.0194	ppm	0.0028	0.2782
Mg	16.075	ppm	0.0401	0.2495
Mn	.49513	ppm	0.0016	0.3290
Mo	.01252	ppm	0.0003	2.2450
Na	492.26	ppm	11.4994	2.3361
Ni	.52892	ppm	0.0011	0.2135
Pb	.50898	ppm	0.0014	0.2840
Sb	.00036	ppm	0.0019	518.3929
Se	2.1047	ppm	0.0037	0.1740
Si	5.6446	ppm	0.0160	0.2829
Sn	-.00010	ppm	0.0004	339.1706
Sr	2.7434	ppm	0.0134	0.4902
Ti	.00275	ppm	0.0003	12.0176
Tl	1.9686	ppm	0.0053	0.2688
V_	.52092	ppm	0.0007	0.1280
Zn	.51540	ppm	0.0015	0.2860
In2306	2709.5	Cts/S	14.6620	0.5411
Y_2243	6645.4	Cts/S	38.6347	0.5814
Y_3600	94586.	Cts/S	273.5219	0.2892
Y_3710	15282.	Cts/S	162.4167	1.0628

L2CVVD

Acquire Date: 04-Jun-2010 2:19 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05240	ppm	0.0004	0.7544
Al	2.1816	ppm	0.0048	0.2211
As	2.2104	ppm	0.0083	0.3755
B_	1.0597	ppm	0.0007	0.0697
Ba	2.1412	ppm	0.0039	0.1810
Be	.05172	ppm	0.0002	0.4478
Ca	105.08	ppm	0.3143	0.2991
Cd	.05017	ppm	0.0001	0.1800
Co	.54402	ppm	0.0008	0.1415
Cr	.21126	ppm	0.0004	0.1735
Cu	.25657	ppm	0.0014	0.5326
Fe	1.0816	ppm	0.0033	0.3074
K_	18.331	ppm	0.0913	0.4981
Li	1.0539	ppm	0.0018	0.1704
Mg	15.916	ppm	0.0174	0.1095
Mn	.51126	ppm	0.0012	0.2342
Mo	.01263	ppm	0.0001	0.7762
Na	487.44	ppm	2.1585	0.4428
Ni	.56928	ppm	0.0014	0.2443
Pb	.52519	ppm	0.0028	0.5390
Sb	-.00011	ppm	0.0011	929.5623
Se	2.1555	ppm	0.0049	0.2265
Si	5.6058	ppm	0.0139	0.2481
Sn	-.00012	ppm	0.0003	274.1270
Sr	2.7719	ppm	0.0078	0.2805
Ti	.00273	ppm	0.0023	84.1030
Tl	2.0353	ppm	0.0073	0.3584
V_	.53620	ppm	0.0007	0.1360
Zn	.53350	ppm	0.0011	0.2070
In2306	2689.7	Cts/S	19.3921	0.7210
Y_2243	6564.8	Cts/S	47.1010	0.7175
Y_3600	95002.	Cts/S	1,038.9221	1.0936
Y_3710	15132.	Cts/S	107.8891	0.7130

L2DVNBF

Acquire Date: 04-Jun-2010 2:23 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00021	ppm	0.0004	192.9523
Al	.00209	ppm	0.0136	650.6603
As	.00008	ppm	0.0009	1,081.8227
B_	.00270	ppm	0.0004	15.9036
Ba	-.00053	ppm	0.0002	33.3002
Be	-.00035	ppm	0.0001	17.2412
Ca	-.00512	ppm	0.0057	112.1076
Cd	-.00004	ppm	0.0000	126.5754
Co	.00006	ppm	0.0002	290.4604
Cr	-.00054	ppm	0.0002	40.8578
Cu	-.00019	ppm	0.0013	682.6077
Fe	-.00216	ppm	0.0007	31.7473
K_	.17452	ppm	0.0455	26.0705
Li	.00047	ppm	0.0010	214.3517
Mg	-.01389	ppm	0.0134	96.5977
Mn	-.00072	ppm	0.0004	57.3272
Mo	-.00091	ppm	0.0003	28.8004
Na	.35731	ppm	0.0293	8.1927
Ni	-.00021	ppm	0.0003	132.4750
Pb	.00006	ppm	0.0008	1,494.1990
Sb	.00100	ppm	0.0010	98.7863
Se	.00183	ppm	0.0017	91.2896
Si	.01142	ppm	0.0044	38.1542
Sn	-.00035	ppm	0.0002	69.8308
Sr	-.00019	ppm	0.0002	93.3128
Ti	.00117	ppm	0.0009	75.6493
Tl	-.00025	ppm	0.0015	584.4617
V_	.00001	ppm	0.0001	748.7135
Zn	.00192	ppm	0.0001	3.7859
In2306	3042.0	Cts/S	6.0352	0.1984
Y_2243	6878.4	Cts/S	20.8408	0.3030
Y_3600	101930.	Cts/S	576.1406	0.5652
Y_3710	15259.	Cts/S	111.2658	0.7292

L2DVNCF

Acquire Date: 04-Jun-2010 2:27 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05036	ppm	0.0002	0.4563
Al	2.1045	ppm	0.0076	0.3628
As	2.0841	ppm	0.0033	0.1572
B_	1.0442	ppm	0.0040	0.3815
Ba	2.0356	ppm	0.0016	0.0796
Be	.05067	ppm	0.0001	0.1575
Ca	F -.00797	ppm	0.0027	33.3070
Cd	.05078	ppm	0.0000	0.0491
Co	.51772	ppm	0.0005	0.0950
Cr	.20705	ppm	0.0005	0.2269
Cu	.25659	ppm	0.0050	1.9340
Fe	1.0855	ppm	0.0035	0.3254
K_	F .11795	ppm	0.0325	27.5171
Li	1.0113	ppm	0.0035	0.3437
Mg	F -.01296	ppm	0.0168	129.2628
Mn	.51796	ppm	0.0014	0.2733
Mo	F -.00092	ppm	0.0001	9.4652
Na	F .23440	ppm	0.0076	3.2443
Ni	.52039	ppm	0.0009	0.1709
Pb	.50440	ppm	0.0029	0.5756
Sb	F -.00055	ppm	0.0006	108.6055
Se	2.1104	ppm	0.0028	0.1337
Si	F .00687	ppm	0.0033	48.4126
Sn	F .00033	ppm	0.0002	51.6913
Sr	1.0293	ppm	0.0019	0.1868
Ti	F .00006	ppm	0.0016	2,548.5868
Tl	2.0533	ppm	0.0039	0.1876
V_	.51282	ppm	0.0011	0.2233
Zn	.52477	ppm	0.0019	0.3618
In2306	3022.6	Cts/S	24.1392	0.7986
Y_2243	6865.1	Cts/S	57.6657	0.8400
Y_3600	102320.	Cts/S	1,021.8503	0.9986
Y_3710	15526.	Cts/S	150.4235	0.9688

L2CJ2F

Acquire Date: 04-Jun-2010 2:32 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00039	ppm	0.0007	179.5837
Al	.01273	ppm	0.0058	45.5523
As	.00056	ppm	0.0015	264.2593
B_	.63454	ppm	0.0007	0.1180
Ba	.17710	ppm	0.0004	0.2163
Be	-.00037	ppm	0.0000	8.4445
Ca	38.871	ppm	0.2057	0.5292
Cd	-.00011	ppm	0.0001	46.7588
Co	.00019	ppm	0.0001	62.1219
Cr	.00030	ppm	0.0002	69.5797
Cu	.00058	ppm	0.0024	416.4199
Fe	.05031	ppm	0.0009	1.7314
K_	5.8922	ppm	0.1101	1.8683
Li	.02150	ppm	0.0016	7.3502
Mg	13.130	ppm	0.0320	0.2436
Mn	.01901	ppm	0.0003	1.6764
Mo	-.00066	ppm	0.0001	20.7892
Na	34.454	ppm	0.1158	0.3360
Ni	.00031	ppm	0.0001	40.3717
Pb	.00059	ppm	0.0006	108.1725
Sb	.00042	ppm	0.0002	50.6292
Se	.00237	ppm	0.0006	25.5984
Si	6.7963	ppm	0.0304	0.4475
Sn	.00016	ppm	0.0005	293.3954
Sr	.66055	ppm	0.0027	0.4049
Ti	.00023	ppm	0.0013	591.3584
Tl	-.00067	ppm	0.0008	113.4417
V_	-.00014	ppm	0.0004	305.6760
Zn	.00007	ppm	0.0001	103.9316
In2306	2915.5	Cts/S	22.1844	0.7609
Y_2243	6728.1	Cts/S	46.3741	0.6893
Y_3600	99265.	Cts/S	629.2328	0.6339
Y_3710	15106.	Cts/S	100.8827	0.6678

L2CJ2P5F

Acquire Date: 04-Jun-2010 2:36 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00071	ppm	0.0006	81.1361
Al	.00163	ppm	0.0164	1,005.6418
As	-.00229	ppm	0.0009	38.6239
B_	.12303	ppm	0.0002	0.1738
Ba	.03493	ppm	0.0001	0.3391
Be	-.00035	ppm	0.0001	16.2037
Ca	7.8512	ppm	0.0307	0.3916
Cd	-.00006	ppm	0.0000	33.9822
Co	-.00018	ppm	0.0001	63.0797
Cr	-.00015	ppm	0.0002	157.9906
Cu	-.00136	ppm	0.0022	160.9617
Fe	.01091	ppm	0.0033	30.5310
K_	1.2073	ppm	0.0815	6.7478
Li	.00222	ppm	0.0023	104.8662
Mg	2.6180	ppm	0.0095	0.3628
Mn	.00337	ppm	0.0003	9.6924
Mo	-.00094	ppm	0.0002	22.9358
Na	6.9740	ppm	0.0187	0.2676
Ni	.00130	ppm	0.0002	17.7130
Pb	-.00084	ppm	0.0002	29.4451
Sb	.00078	ppm	0.0006	77.3300
Se	-.00074	ppm	0.0014	195.1985
Si	1.3519	ppm	0.0082	0.6040
Sn	.00032	ppm	0.0003	89.6144
Sr	.13308	ppm	0.0007	0.5339
Ti	-.00161	ppm	0.0013	81.5146
Tl	-.00107	ppm	0.0011	100.4439
V_	-.00050	ppm	0.0002	41.8909
Zn	.00090	ppm	0.0002	19.6723
In2306	2990.9	Cts/S	23.5917	0.7888
Y_2243	6719.0	Cts/S	53.9028	0.8022
Y_3600	99849.	Cts/S	1,559.4352	1.5618
Y_3710	14666.	Cts/S	218.1676	1.4876

L2CJ2SF

Acquire Date: 04-Jun-2010 2:40 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.04972	ppm	0.0006	1.1369
Al	2.1021	ppm	0.0027	0.1265
As	2.1067	ppm	0.0099	0.4688
B_	1.6695	ppm	0.0033	0.1991
Ba	2.1840	ppm	0.0032	0.1482
Be	.05130	ppm	0.0001	0.1697
Ca	38.095	ppm	0.0444	0.1166
Cd	.04963	ppm	0.0002	0.3064
Co	.51504	ppm	0.0009	0.1811
Cr	.20471	ppm	0.0006	0.2710
Cu	.25112	ppm	0.0018	0.7336
Fe	1.1532	ppm	0.0055	0.4733
K_	5.8502	ppm	0.0092	0.1567
Li	1.0316	ppm	0.0026	0.2511
Mg	12.760	ppm	0.0430	0.3370
Mn	.52657	ppm	0.0011	0.2015
Mo	-.00069	ppm	0.0001	17.9010
Na	33.560	ppm	0.0364	0.1086
Ni	.51534	ppm	0.0005	0.0990
Pb	.50036	ppm	0.0019	0.3887
Sb	-.00149	ppm	0.0004	23.5128
Se	2.1112	ppm	0.0057	0.2681
Si	6.6458	ppm	0.0086	0.1297
Sn	.00001	ppm	0.0007	8,552.0606
Sr	1.6746	ppm	0.0031	0.1877
Ti	.00111	ppm	0.0018	163.1873
Tl	2.0294	ppm	0.0062	0.3048
V_	.51533	ppm	0.0011	0.2102
Zn	.51305	ppm	0.0013	0.2546
In2306	2930.1	Cts/S	17.5214	0.5980
Y_2243	6794.4	Cts/S	49.5139	0.7287
Y_3600	98654.	Cts/S	469.4370	0.4758
Y_3710	15414.	Cts/S	147.5302	0.9571

L2CJ2DF

Acquire Date: 04-Jun-2010 2:45 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	.05057	ppm	0.0003	0.6660
Al	2.1244	ppm	0.0094	0.4433
As	2.1599	ppm	0.0051	0.2379
B_	1.7002	ppm	0.0012	0.0692
Ba	2.2077	ppm	0.0006	0.0290
Be	.05190	ppm	0.0001	0.2020
Ca	37.585	ppm	0.1234	0.3283
Cd	.05053	ppm	0.0002	0.3866
Co	.52144	ppm	0.0009	0.1796
Cr	.20947	ppm	0.0009	0.4231
Cu	.25225	ppm	0.0025	0.9865
Fe	1.1369	ppm	0.0053	0.4660
K_	5.6509	ppm	0.0458	0.8104
Li	1.0463	ppm	0.0008	0.0806
Mg	12.603	ppm	0.0340	0.2701
Mn	.53249	ppm	0.0004	0.0778
Mo	-.00085	ppm	0.0000	5.2716
Na	33.360	ppm	0.0905	0.2713
Ni	.52299	ppm	0.0004	0.0814
Pb	.50785	ppm	0.0008	0.1560
Sb	.00004	ppm	0.0002	585.8779
Se	2.1494	ppm	0.0026	0.1221
Si	6.5843	ppm	0.0096	0.1457
Sn	.00009	ppm	0.0006	719.6382
Sr	1.6766	ppm	0.0034	0.2005
Ti	.00050	ppm	0.0015	291.7283
Tl	2.0836	ppm	0.0051	0.2428
V_	.52538	ppm	0.0003	0.0548
Zn	.52820	ppm	0.0008	0.1552
In2306	2917.2	Cts/S	13.8135	0.4735
Y_2243	6727.4	Cts/S	36.3075	0.5397
Y_3600	98303.	Cts/S	279.0457	0.2839
Y_3710	15312.	Cts/S	240.7463	1.5722

CCV1-6

Acquire Date: 04-Jun-2010 2:49 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0092	ppm	0.0011	0.1108
Al	26.349	ppm	0.0711	0.2697
As	F .55079	ppm	0.0051	0.9223
B_	2.0771	ppm	0.0025	0.1214
Ba	2.0203	ppm	0.0029	0.1443
Be	2.0668	ppm	0.0043	0.2057
Ca	52.316	ppm	0.1488	0.2844
Cd	.48860	ppm	0.0002	0.0461
Co	2.0921	ppm	0.0030	0.1422
Cr	2.0510	ppm	0.0018	0.0874
Cu	2.0362	ppm	0.0095	0.4660
Fe	26.265	ppm	0.0276	0.1051
K_	131.54	ppm	0.4143	0.3150
Li	2.0621	ppm	0.0028	0.1348
Mg	51.227	ppm	0.1464	0.2858
Mn	2.0073	ppm	0.0073	0.3631
Mo	2.0134	ppm	0.0009	0.0449
Na	127.80	ppm	0.1562	0.1222
Ni	2.0897	ppm	0.0015	0.0704
Pb	.50969	ppm	0.0007	0.1455
Sb	.51462	ppm	0.0011	0.2066
Se	.51845	ppm	0.0012	0.2312
Si	2.0365	ppm	0.0065	0.3188
Sn	1.9761	ppm	0.0037	0.1884
Sr	2.0715	ppm	0.0073	0.3504
Ti	2.0551	ppm	0.0048	0.2315
Tl	1.0253	ppm	0.0015	0.1463
V_	2.0831	ppm	0.0015	0.0705
Zn	2.0379	ppm	0.0037	0.1828
In2306	2710.0	Cts/S	5.6469	0.2084
Y_2243	6509.3	Cts/S	15.9467	0.2450
Y_3600	95021.	Cts/S	1,260.5753	1.3266
Y_3710	14416.	Cts/S	155.4657	1.0785

CCB6

Acquire Date: 04-Jun-2010 2:53 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	-.00025	ppm	0.0003	118.7148
Al	.01810	ppm	0.0054	29.6752
As	-.00092	ppm	0.0025	267.7527
B_	.00481	ppm	0.0002	3.3134
Ba	.00065	ppm	0.0003	39.5353
Be	.00013	ppm	0.0000	33.7819
Ca	.02441	ppm	0.0039	16.1498
Cd	.00014	ppm	0.0000	22.1921
Co	.00051	ppm	0.0002	37.8860
Cr	.00052	ppm	0.0002	35.2426
Cu	.00011	ppm	0.0010	911.8218
Fe	.01030	ppm	0.0015	14.5106
K_	.04945	ppm	0.0931	188.3538
Li	-.00107	ppm	0.0008	76.3204
Mg	.01191	ppm	0.0229	192.6021
Mn	.00027	ppm	0.0003	102.8773
Mo	.00156	ppm	0.0002	14.1311
Na	.17489	ppm	0.0084	4.8039
Ni	.00044	ppm	0.0002	48.3416
Pb	-.00092	ppm	0.0007	73.8456
Sb	.00083	ppm	0.0006	71.9174
Se	.00052	ppm	0.0027	519.8370
Si	.00071	ppm	0.0052	737.2359
Sn	.00108	ppm	0.0004	40.4796
Sr	.00012	ppm	0.0001	64.5848
Ti	.00207	ppm	0.0008	36.7295
Tl	.00094	ppm	0.0007	76.9717
V_	.00030	ppm	0.0003	102.3261
Zn	.00030	ppm	0.0001	27.5543
In2306	2987.8	Cts/S	6.2339	0.2086
Y_2243	6753.1	Cts/S	12.1727	0.1803
Y_3600	100080.	Cts/S	158.6988	0.1586
Y_3710	14810.	Cts/S	32.7818	0.2214

L2CJ6F

Acquire Date: 04-Jun-2010 2:57 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00031	ppm	0.0005	152.9935
Al	.00927	ppm	0.0042	45.0448
As	.00061	ppm	0.0014	230.1065
B_	1.2035	ppm	0.0019	0.1598
Ba	.02882	ppm	0.0002	0.5935
Be	-.00011	ppm	0.0001	51.0040
Ca	65.609	ppm	0.1177	0.1794
Cd	-.00003	ppm	0.0000	138.3449
Co	.00036	ppm	0.0001	16.9523
Cr	.00081	ppm	0.0005	65.4837
Cu	.00929	ppm	0.0018	19.2418
Fe	.01693	ppm	0.0006	3.6267
K_	.52606	ppm	0.0617	11.7205
Li	.02462	ppm	0.0006	2.4017
Mg	33.644	ppm	0.0394	0.1171
Mn	.08465	ppm	0.0004	0.4531
Mo	.00074	ppm	0.0002	30.3580
Na	18.568	ppm	0.0397	0.2137
Ni	.00143	ppm	0.0001	10.0753
Pb	.00162	ppm	0.0005	30.6554
Sb	.00035	ppm	0.0006	164.1923
Se	.00036	ppm	0.0010	283.5586
Si	8.7790	ppm	0.0165	0.1882
Sn	-.00003	ppm	0.0004	1,474.3841
Sr	.16406	ppm	0.0002	0.1306
Ti	.00088	ppm	0.0011	127.4883
Tl	-.00078	ppm	0.0006	74.9775
V_	-.00003	ppm	0.0003	1,094.7650
Zn	.05505	ppm	0.0002	0.3695
In2306	2939.3	Cts/S	16.8008	0.5716
Y_2243	6834.6	Cts/S	41.5289	0.6076
Y_3600	101300.	Cts/S	431.4013	0.4259
Y_3710	15417.	Cts/S	65.2421	0.4232

L2CJ7F

Acquire Date: 04-Jun-2010 3:02 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00053	ppm	0.0004	79.6566
Al	.00498	ppm	0.0097	195.1318
As	.00110	ppm	0.0010	92.7888
B_	.31209	ppm	0.0013	0.4240
Ba	.01802	ppm	0.0005	2.5391
Be	-.00021	ppm	0.0001	25.2383
Ca	68.809	ppm	0.1859	0.2702
Cd	.00006	ppm	0.0000	18.7741
Co	.00009	ppm	0.0004	397.0728
Cr	.00006	ppm	0.0003	482.6584
Cu	.04319	ppm	0.0014	3.3174
Fe	.00221	ppm	0.0018	80.7512
K_	16.903	ppm	0.1711	1.0120
Li	.06694	ppm	0.0017	2.5816
Mg	27.137	ppm	0.0361	0.1329
Mn	.02148	ppm	0.0002	1.1418
Mo	.00323	ppm	0.0003	8.3270
Na	58.548	ppm	0.1131	0.1932
Ni	.00208	ppm	0.0004	17.7173
Pb	.00052	ppm	0.0004	81.4297
Sb	-.00093	ppm	0.0021	227.9361
Se	-.00030	ppm	0.0028	925.8974
Si	7.5796	ppm	0.0259	0.3414
Sn	.00007	ppm	0.0003	449.7041
Sr	.75533	ppm	0.0017	0.2194
Ti	.00128	ppm	0.0019	148.3499
Tl	-.00099	ppm	0.0004	40.0195
V_	.00017	ppm	0.0002	117.7367
Zn	.29104	ppm	0.0009	0.3142
In2306	2878.4	Cts/S	25.5751	0.8885
Y_2243	6717.8	Cts/S	55.0006	0.8187
Y_3600	98366.	Cts/S	972.1204	0.9883
Y_3710	15079.	Cts/S	163.3986	1.0836

L2CJ8F

Acquire Date: 04-Jun-2010 3:06 pm Sample Type: Unknown

Elem	Avg	Units	Stddev	%RSD
Ag	-.00014	ppm	0.0001	106.5773
Al	.12046	ppm	0.0090	7.5051
As	.00830	ppm	0.0020	24.1062
B_	.42201	ppm	0.0002	0.0396
Ba	.04246	ppm	0.0006	1.5050
Be	-.00023	ppm	0.0001	24.3901
Ca	125.00	ppm	1.9231	1.5385
Cd	-.00006	ppm	0.0000	46.5261
Co	.00040	ppm	0.0003	85.4977
Cr	-.00017	ppm	0.0003	173.6447
Cu	-.00013	ppm	0.0015	1,147.4701
Fe	1.2217	ppm	0.0057	0.4674
K_	2.0680	ppm	0.1218	5.8888
Li	.04458	ppm	0.0002	0.5552
Mg	51.612	ppm	0.1678	0.3250
Mn	.39079	ppm	0.0020	0.5124
Mo	.00048	ppm	0.0001	16.2885
Na	53.634	ppm	0.1820	0.3394
Ni	.00184	ppm	0.0002	12.3799
Pb	.00070	ppm	0.0005	68.9387
Sb	.00030	ppm	0.0008	285.9660
Se	.00231	ppm	0.0008	32.7491
Si	6.5750	ppm	0.0200	0.3046
Sn	-.00035	ppm	0.0002	44.3660
Sr	.35460	ppm	0.0020	0.5686
Ti	.00396	ppm	0.0014	36.0166
Tl	-.00168	ppm	0.0014	85.8274
V_	.00001	ppm	0.0003	2,964.8463
Zn	.01324	ppm	0.0001	0.4089
In2306	2805.1	Cts/S	4.3011	0.1533
Y_2243	6617.0	Cts/S	9.5875	0.1449
Y_3600	97391.	Cts/S	718.3382	0.7376
Y_3710	15202.	Cts/S	19.4026	0.1276

CCV1-7

Acquire Date: 04-Jun-2010 3:11 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	1.0144	ppm	0.0035	0.3426
Al	26.159	ppm	0.0893	0.3414
As	F .55260	ppm	0.0021	0.3827
B_	2.0818	ppm	0.0029	0.1374
Ba	2.0378	ppm	0.0033	0.1642
Be	2.0733	ppm	0.0056	0.2678
Ca	52.161	ppm	0.1400	0.2684
Cd	.49072	ppm	0.0006	0.1218
Co	2.1027	ppm	0.0015	0.0714
Cr	2.0512	ppm	0.0073	0.3575
Cu	2.0171	ppm	0.0047	0.2337
Fe	26.290	ppm	0.0098	0.0373
K_	130.21	ppm	0.3367	0.2585
Li	2.0635	ppm	0.0057	0.2782
Mg	51.432	ppm	0.0633	0.1231
Mn	2.0175	ppm	0.0030	0.1475
Mo	2.0278	ppm	0.0027	0.1339
Na	128.16	ppm	0.3442	0.2686
Ni	2.0989	ppm	0.0018	0.0880
Pb	.51003	ppm	0.0009	0.1840
Sb	.51501	ppm	0.0010	0.2028
Se	.51802	ppm	0.0022	0.4277
Si	2.0390	ppm	0.0032	0.1548
Sn	1.9824	ppm	0.0024	0.1191
Sr	2.0622	ppm	0.0069	0.3338
Ti	2.0522	ppm	0.0060	0.2910
Tl	1.0218	ppm	0.0037	0.3598
V_	2.0882	ppm	0.0046	0.2213
Zn	2.0363	ppm	0.0018	0.0886
In2306	2684.1	Cts/S	16.2881	0.6068
Y_2243	6436.4	Cts/S	39.7545	0.6177
Y_3600	94048.	Cts/S	917.8790	0.9760
Y_3710	14574.	Cts/S	122.9549	0.8436

CCB7

Acquire Date: 04-Jun-2010 3:15 pm Sample Type: QC

Elem	Avg	Units	Stddev	%RSD
Ag	.00004	ppm	0.0003	645.1907
Al	.02429	ppm	0.0085	34.8457
As	.00004	ppm	0.0008	2,133.9010
B_	.00370	ppm	0.0005	13.4428
Ba	.00088	ppm	0.0001	15.3137
Be	.00020	ppm	0.0000	8.4422
Ca	.02610	ppm	0.0007	2.7309
Cd	.00011	ppm	0.0000	22.5851
Co	.00044	ppm	0.0002	38.4467
Cr	.00051	ppm	0.0001	29.0016
Cu	-.00092	ppm	0.0013	140.1063
Fe	.01044	ppm	0.0011	10.0801
K_	.11272	ppm	0.0416	36.8773
Li	-.00093	ppm	0.0005	51.6814
Mg	.03119	ppm	0.0181	58.1251
Mn	.00031	ppm	0.0002	66.5373
Mo	.00151	ppm	0.0002	14.5118
Na	.15865	ppm	0.0110	6.9266
Ni	.00062	ppm	0.0003	45.2065
Pb	-.00158	ppm	0.0004	26.3985
Sb	.00035	ppm	0.0015	427.1215
Se	-.00026	ppm	0.0003	131.5077
Si	.00348	ppm	0.0034	97.6319
Sn	.00084	ppm	0.0003	36.5754
Sr	.00027	ppm	0.0001	31.4410
Ti	-.00092	ppm	0.0007	75.2729
Tl	-.00073	ppm	0.0005	71.5921
V_	.00015	ppm	0.0003	233.0938
Zn	.00000	ppm	0.0001	1,526.9083
In2306	3017.0	Cts/S	3.2699	0.1084
Y_2243	6809.2	Cts/S	11.9214	0.1751
Y_3600	100380.	Cts/S	113.8098	0.1134
Y_3710	14621.	Cts/S	52.2505	0.3574

Sample Name: STD1 Acquired: 6/4/2010 9:42:17 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00174**	**.00130**	**.00027**	**.00171**	**.02056**
Stddev	.00007	.00022	.00002	.00008	.00054
%RSD	3.7936	16.849	6.5794	4.3905	2.6167
#1	-.00167	.00143	.00029	.00179	.02071
#2	-.00178	.00141	.00027	.00169	.01997
#3	-.00179	.00104	.00026	.00165	.02101

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00217**	**.00842**	**.00085**	**.00252**	**.00016**
Stddev	.00039	.00024	.00016	.00005	.00005
%RSD	17.740	2.8932	18.335	2.1761	29.964
#1	.00262	.00851	.00098	.00249	.00013
#2	.00195	.00814	.00090	.00249	.00014
#3	.00195	.00860	.00068	.00259	.00021

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00188**	**.00056**	**.01410**	**-.00007**	**-.00017**
Stddev	.00018	.00010	.00113	.00044	.00026
%RSD	9.3556	17.567	8.0218	635.36	155.81
#1	.00197	.00066	.01534	.00010	.00001
#2	.00199	.00057	.01384	-.00057	-.00004
#3	.00168	.00046	.01313	.00026	-.00047

Sample Name: STD1 Acquired: 6/4/2010 9:42:17 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00011**	**.00092**	**.01187**	**.00021**	**-.00037**
Stddev	.00029	.00011	.00080	.00024	.00019
%RSD	255.30	11.526	6.7035	110.41	50.436
#1	.00020	.00104	.01271	-.00003	-.00043
#2	.00035	.00088	.01178	.00023	-.00052
#3	-.00021	.00083	.01112	.00044	-.00016

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00019**	**.00042**	**.00017**	**.00012**	**.00389**
Stddev	.00014	.00012	.00025	.00008	.00060
%RSD	73.994	28.066	150.00	72.928	15.281
#1	.00031	.00046	.00016	.00010	.00430
#2	.00022	.00051	.00043	.00004	.00417
#3	.00004	.00029	-.00008	.00021	.00321

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.00174**	**.00047**	**.00026**	**.00172**
Stddev	.00022	.00014	.00006	.00019
%RSD	12.829	30.111	23.331	11.310
#1	-.00174	.00062	.00020	.00189
#2	-.00196	.00046	.00025	.00151
#3	-.00151	.00034	.00032	.00176

Sample Name: STD1 Acquired: 6/4/2010 9:42:17 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2960.8**	**6686.7**	**99358.**	**14796.**
Stddev	10.7	26.9	361.	81.
%RSD	.36097	.40235	.36352	.54680
#1	2948.7	6657.9	99767.	14711.
#2	2968.8	6711.2	99222.	14872.
#3	2964.9	6691.0	99084.	14805.

Sample Name: STD2 Acquired: 6/4/2010 9:46:42 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ag	As	Cd	Pb	Sb	Se
Line	328.068 {103}	189.042 {479}	214.438 {457}	220.353 {453}	206.833 {463}	196.090 {472}
IS Ref	(Y_3600)	(Y_2243)	(Y_2243)	(In2306)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.44751**	**.05001**	**3.2540**	**.56069**	**.11664**	**.06002**
Stddev	.00096	.00021	.0066	.00035	.00023	.00023
%RSD	.21445	.42483	.20230	.06314	.19560	.37567
#1	.44854	.05013	3.2585	.56029	.11691	.05998
#2	.44735	.04976	3.2465	.56097	.11652	.05981
#3	.44664	.05012	3.2570	.56080	.11651	.06026

Elem	Tl
Line	190.856 {477}
IS Ref	(In2306)
Units	Cts/S
Avg	**.52933**
Stddev	.00101
%RSD	.19043
#1	.53033
#2	.52831
#3	.52934

Int. Std.	In2306	Y_2243	Y_3600
Line	230.606 {446}	224.306 {450}	360.073 { 94}
Units	Cts/S	Cts/S	Cts/S
Avg	**2989.0**	**6800.8**	**100510.**
Stddev	4.8	20.3	172.
%RSD	.16195	.29837	.17071
#1	2987.2	6789.6	100410.
#2	2994.4	6824.2	100420.
#3	2985.2	6788.5	100710.

Sample Name: STD3 Acquired: 6/4/2010 9:51:01 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al	Ca	Fe	K_	Mg	Na
Line	396.152 { 85}	317.933 {106}	259.940 {130}	769.896 { 44}	279.079 {121}	589.592 { 57}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.9815**	**16.112**	**5.2275**	**3.2001**	**1.5464**	**28.510**
Stddev	.0126	.043	.0105	.0115	.0014	.419
%RSD	.42105	.26821	.20059	.35895	.09297	1.4691
#1	2.9815	16.140	5.2295	3.1986	1.5476	28.033
#2	2.9690	16.062	5.2161	3.1894	1.5448	28.680
#3	2.9941	16.135	5.2368	3.2123	1.5468	28.818

Int. Std.	Y_3710
Line	371.030 { 91}
Units	Cts/S
Avg	**14824.**
Stddev	129.
%RSD	.87051
#1	14927.
#2	14867.
#3	14679.

Sample Name: STD4 Acquired: 6/4/2010 9:55:31 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	B_	Ba	Be	Co	Cr
Line	208.959 {461}	455.403 { 74}	313.042 {108}	228.616 {447}	267.716 {126}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)	(In2306)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.3920**	**9.6970**	**24.679**	**8.8530**	**.64574**
Stddev	.0012	.0142	.139	.0095	.00058
%RSD	.08882	.14612	.56324	.10706	.08939
#1	1.3909	9.7022	24.787	8.8634	.64578
#2	1.3917	9.7078	24.522	8.8505	.64515
#3	1.3934	9.6810	24.727	8.8449	.64630

Elem	Cu	Li	Mn	Mo	Ni
Line	324.754 {104}2	670.784 { 50}	257.610 {131}2	202.030 {467}	231.604 {445}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.65586**	**2.9176**	**2.3391**	**2.7813**	**4.5379**
Stddev	.00315	.0080	.0031	.0022	.0040
%RSD	.47964	.27537	.13023	.07935	.08808
#1	.65228	2.9092	2.3414	2.7838	4.5419
#2	.65709	2.9252	2.3403	2.7808	4.5377
#3	.65820	2.9183	2.3357	2.7794	4.5340

Elem	Si	Sn	Sr	Ti	V_
Line	251.611 {134}	189.989 {477}	407.771 { 83}	334.904 {101}	292.402 {115}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(Y_3710)	(Y_3600)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.13516**	**.70317**	**27.390**	**.82248**	**.84590**
Stddev	.00061	.00064	.204	.00273	.00054
%RSD	.45194	.09131	.74647	.33172	.06413
#1	.13504	.70337	27.619	.81938	.84541
#2	.13582	.70369	27.225	.82452	.84648
#3	.13461	.70246	27.327	.82354	.84581

Sample Name: STD4 Acquired: 6/4/2010 9:55:31 Type: Cal
Method: 6500MET(v879) Mode: IR Corr. Factor: 1.000000
User: RGood Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Zn
Line	206.200 {463}
IS Ref	(Y_2243)
Units	Cts/S
Avg	**3.9930**
Stddev	.0008
%RSD	.01975
#1	3.9930
#2	3.9923
#3	3.9939

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2964.1**	**6665.2**	**98884.**	**14824.**
Stddev	5.2	17.8	306.	28.
%RSD	.17569	.26769	.30947	.19194
#1	2960.5	6650.8	98554.	14793.
#2	2961.8	6659.6	99158.	14830.
#3	2970.1	6685.2	98940.	14849.

Sample Name: ICV1-1 MET2413-10 Acquired: 6/4/2010 10:00:03 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.48375**	**12.509**	**.25969**	**1.0145**	**.98248**
Stddev	.00180	.046	.00163	.0028	.00245
%RSD	.37111	.36918	.62782	.27254	.24932
#1	.48535	12.557	.26124	1.0177	.98525
#2	.48181	12.504	.25983	1.0132	.98063
#3	.48409	12.465	.25799	1.0126	.98155
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99433**	**25.432**	**.24564**	**1.0325**	**.99729**
Stddev	.00122	.047	.00039	.0024	.00487
%RSD	.12311	.18457	.16076	.22960	.48854
#1	.99574	25.480	.24587	1.0340	1.0026
#2	.99354	25.429	.24587	1.0338	.99302
#3	.99372	25.386	.24519	1.0298	.99626
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICV1-1 MET2413-10 Acquired: 6/4/2010 10:00:03 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99097**	**12.982**	**49.716**	**1.0008**	**24.832**
Stddev	.00455	.036	.056	.0006	.055
%RSD	.45956	.27887	.11254	.05995	.22322
#1	.99599	13.021	49.779	1.0007	24.784
#2	.98984	12.949	49.692	1.0014	24.819
#3	.98709	12.978	49.675	1.0002	24.893
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99771**	**.98336**	**49.057**	**1.0100**	**.25159**
Stddev	.00276	.00311	.032	.0030	.00170
%RSD	.27619	.31655	.06616	.29587	.67666
#1	.99866	.98665	49.095	1.0114	.25356
#2	.99460	.98297	49.035	1.0121	.25053
#3	.99986	.98046	49.042	1.0066	.25069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICV1-1 MET2413-10 Acquired: 6/4/2010 10:00:03 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25373**	**.25269**	**1.0673**	**.96529**	**1.0127**
Stddev	.00062	.00206	.0038	.00108	.0019
%RSD	.24630	.81651	.35569	.11178	.19096
#1	.25365	.25507	1.0659	.96642	1.0147
#2	.25315	.25145	1.0716	.96517	1.0125
#3	.25439	.25154	1.0644	.96428	1.0109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.98570**	**.50464**	**1.0052**	**.96457**
Stddev	.00265	.00155	.0035	.00226
%RSD	.26874	.30671	.35122	.23395
#1	.98812	.50612	1.0092	.96715
#2	.98612	.50303	1.0024	.96300
#3	.98287	.50476	1.0041	.96355
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICV1-1 MET2413-10 Acquired: 6/4/2010 10:00:03 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2857.0**	**6757.4**	**99402.**	**15172.**
Stddev	10.6	20.5	366.	50.
%RSD	.37045	.30328	.36868	.33071
#1	2849.5	6740.1	99081.	15165.
#2	2852.4	6752.0	99801.	15226.
#3	2869.1	6780.0	99324.	15126.

Sample Name: ICV1-2 MET2413-10 Acquired: 6/4/2010 10:04:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.49526**	**12.509**	**.26488**	**1.0343**	**.99779**
Stddev	.00164	.058	.00273	.0010	.00278
%RSD	.33056	.46252	1.0295	.10141	.27842
#1	.49353	12.472	.26558	1.0345	1.0003
#2	.49545	12.480	.26718	1.0332	.99478
#3	.49679	12.576	.26187	1.0352	.99832
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0050**	**25.533**	**.24943**	**1.0468**	**1.0148**
Stddev	.0040	.149	.00044	.0012	.0024
%RSD	.40017	.58181	.17657	.11706	.23798
#1	1.0058	25.533	.24968	1.0477	1.0121
#2	1.0007	25.384	.24969	1.0473	1.0167
#3	1.0086	25.681	.24892	1.0454	1.0157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICV1-2 MET2413-10 Acquired: 6/4/2010 10:04:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.98703**	**13.091**	**49.433**	**1.0100**	**25.217**
Stddev	.01029	.041	.302	.0014	.090
%RSD	1.0430	.31685	.61083	.14358	.35733
#1	.98764	13.118	49.381	1.0115	25.313
#2	.97644	13.043	49.160	1.0086	25.135
#3	.99700	13.112	49.757	1.0100	25.202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0108**	**.99672**	**49.555**	**1.0256**	**.25727**
Stddev	.0027	.00090	.166	.0024	.00075
%RSD	.27220	.09012	.33582	.23131	.29176
#1	1.0136	.99708	49.550	1.0271	.25808
#2	1.0081	.99737	49.391	1.0270	.25660
#3	1.0107	.99569	49.724	1.0229	.25712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICV1-2 MET2413-10 Acquired: 6/4/2010 10:04:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25722**	**.25689**	**1.0745**	**.98250**	**1.0131**
Stddev	.00211	.00230	.0099	.00119	.0045
%RSD	.81993	.89677	.91853	.12073	.44199
#1	.25692	.25426	1.0779	.98330	1.0133
#2	.25947	.25857	1.0634	.98306	1.0085
#3	.25528	.25783	1.0822	.98114	1.0175
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.99021**	**.51389**	**1.0240**	**.98570**
Stddev	.00601	.00105	.0007	.00137
%RSD	.60678	.20464	.06916	.13917
#1	.99306	.51268	1.0232	.98478
#2	.98331	.51457	1.0240	.98728
#3	.99427	.51442	1.0246	.98505
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICV1-2 MET2413-10 Acquired: 6/4/2010 10:04:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2799.9**	**6599.0**	**97129.**	**15060.**
Stddev	3.4	7.8	317.	41.
%RSD	.12079	.11865	.32630	.27187
#1	2798.6	6599.6	97485.	15078.
#2	2797.4	6591.0	97022.	15089.
#3	2803.7	6606.6	96879.	15014.

Sample Name: ICB1 Acquired: 6/4/2010 10:08:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00018**	**.01455**	**-.00098**	**.00255**	**-.00064**
Stddev	.00056	.00389	.00275	.00010	.00011
%RSD	316.42	26.755	280.84	3.8829	17.533
#1	-.00042	.01650	-.00410	.00245	-.00068
#2	-.00057	.01708	.00107	.00265	-.00052
#3	.00046	.01007	.00009	.00256	-.00073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00019**	**.00150**	**-.00001**	**.00015**	**.00003**
Stddev	.00002	.00238	.00005	.00011	.00042
%RSD	12.477	158.64	892.96	74.753	1605.6
#1	-.00019	.00414	.00003	.00027	.00010
#2	-.00017	-.00047	.00002	.00004	-.00043
#3	-.00022	.00083	-.00006	.00016	.00041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: ICB1 Acquired: 6/4/2010 10:08:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00042**	**.00277**	**-.00777**	**-.00060**	**-.00164**
Stddev	.00129	.00121	.06253	.00049	.01561
%RSD	303.42	43.898	804.85	81.677	954.27
#1	-.00082	.00326	.05754	-.00068	-.00845
#2	.00034	.00138	-.01374	-.00105	-.01269
#3	.00175	.00365	-.06710	-.00007	.01623
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00018**	**.00081**	**.01026**	**.00016**	**-.00109**
Stddev	.00031	.00038	.00271	.00026	.00169
%RSD	173.42	47.480	26.433	158.99	155.44
#1	-.00054	.00125	.01180	-.00014	-.00059
#2	-.00004	.00060	.01185	.00030	-.00297
#3	.00004	.00057	.00713	.00032	.00030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: ICB1 Acquired: 6/4/2010 10:08:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00002**	**.00047**	**-.00021**	**.00014**	**-.00029**
Stddev	.00026	.00141	.00336	.00028	.00006
%RSD	1350.6	301.75	1635.9	195.16	21.793
#1	-.00005	.00050	.00187	.00020	-.00022
#2	-.00026	-.00096	-.00408	.00038	-.00030
#3	.00025	.00186	.00159	-.00016	-.00035
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00160**	**.00070**	**-.00036**	**-.00042**
Stddev	.00085	.00081	.00006	.00010
%RSD	52.740	115.81	17.225	24.715
#1	-.00191	.00031	-.00030	-.00030
#2	-.00065	.00163	-.00042	-.00048
#3	-.00225	.00016	-.00037	-.00048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: ICB1 Acquired: 6/4/2010 10:08:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2960.1**	**6683.9**	**99308.**	**14914.**
Stddev	7.8	19.2	34.	52.
%RSD	.26407	.28660	.03445	.35007
#1	2954.8	6671.2	99346.	14919.
#2	2956.4	6674.6	99280.	14963.
#3	2969.1	6705.9	99299.	14859.

Sample Name: CRA/RLV MET2136-10 Acquired: 6/4/2010 10:12:50 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00445**	**.20187**	**.00916**	**.20459**	**.20060**
Stddev	.00058	.00996	.00063	.00032	.00057
%RSD	13.127	4.9360	6.9248	.15430	.28496
#1	.00437	.19081	.00927	.20428	.20022
#2	.00506	.20466	.00848	.20458	.20031
#3	.00390	.21015	.00973	.20491	.20126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00405**	**5.2893**	**.00504**	**.05169**	**.00546**
Stddev	.00006	.0198	.00004	.00023	.00032
%RSD	1.4760	.37346	.74253	.45013	5.7963
#1	.00406	5.3099	.00500	.05170	.00535
#2	.00399	5.2705	.00507	.05192	.00521
#3	.00411	5.2874	.00504	.05146	.00581
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CRA/RLV MET2136-10 Acquired: 6/4/2010 10:12:50 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.02616**	**.10714**	**4.9376**	**.05026**	**5.1995**
Stddev	.00039	.00130	.1110	.00145	.0127
%RSD	1.4845	1.2156	2.2476	2.8863	.24347
#1	.02658	.10727	4.8116	.04890	5.1999
#2	.02581	.10837	4.9804	.05178	5.2120
#3	.02609	.10578	5.0209	.05010	5.1867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.01548**	**.04180**	**5.1115**	**.04247**	**.00239**
Stddev	.00016	.00045	.0104	.00030	.00119
%RSD	1.0032	1.0693	.20318	.71043	49.615
#1	.01561	.04183	5.1196	.04226	.00364
#2	.01530	.04134	5.1153	.04282	.00128
#3	.01551	.04224	5.0998	.04233	.00226
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CRA/RLV MET2136-10 Acquired: 6/4/2010 10:12:50 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.01123**	**.00721**	**.49227**	**.10168**	**.05091**
Stddev	.00090	.00166	.00957	.00034	.00014
%RSD	8.0303	23.084	1.9448	.33918	.27860
#1	.01130	.00909	.48860	.10129	.05106
#2	.01210	.00594	.50314	.10181	.05079
#3	.01030	.00658	.48508	.10195	.05087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.05231**	**.00902**	**.05111**	**.02153**
Stddev	.00079	.00149	.00023	.00026
%RSD	1.5148	16.536	.44416	1.1853
#1	.05139	.00870	.05085	.02128
#2	.05278	.01065	.05126	.02179
#3	.05275	.00771	.05121	.02152
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CRA/RLV MET2136-10 Acquired: 6/4/2010 10:12:50 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2967.1**	**6742.2**	**99893.**	**15184.**
Stddev	4.3	11.0	207.	52.
%RSD	.14619	.16349	.20745	.34037
#1	2965.2	6745.9	100010.	15166.
#2	2964.0	6729.8	99653.	15242.
#3	2972.0	6750.9	100010.	15143.

Sample Name: ICSA MET2410-10 Acquired: 6/4/2010 10:17:12 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00054**	**525.65**	**-.00065**	**-.00048**	**-.00022**
Stddev	.00031	7.49	.00387	.00147	.00016
%RSD	58.113	1.4253	593.59	307.88	70.778
#1	-.00022	518.14	-.00353	.00121	-.00039
#2	-.00085	533.12	-.00218	-.00148	-.00008
#3	-.00054	525.70	.00375	-.00117	-.00019
Check ?	None	Chk Pass	None	None	None
Value					
Range					

/20

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00023**	**493.67**	**-.00109**	**.00329**	**.00107**
Stddev	.00004	5.17	.00019	.00030	.00024
%RSD	17.404	1.0474	17.835	9.2325	22.659
#1	-.00026	488.01	-.00087	.00360	.00124
#2	-.00019	498.15	-.00116	.00299	.00119
#3	-.00024	494.86	-.00124	.00329	.00079
Check ?	None	Chk Pass	None	None	None
Value					
Range					

/20

Sample Name: ICSA MET2410-10 Acquired: 6/4/2010 10:17:12 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00309**	**196.11**	**-.06061**	**.00486**	**509.21**
Stddev	.00249	2.54	.07464	.00115	1.29
%RSD	80.750	1.2934	123.15	23.733	.25335
#1	.00255	193.91	-.00676	.00371	510.56
#2	.00581	195.52	-.02925	.00487	507.98
#3	.00091	198.88	-.14581	.00601	509.08
Check ?	None	Chk Pass	None	None	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00357**	**-.00191**	**.07149**	**.00946**	**-.00111**
Stddev	.00035	.00015	.01302	.00017	.00477
%RSD	9.8588	7.8849	18.215	1.7903	428.09
#1	.00324	-.00183	.05739	.00962	.00289
#2	.00354	-.00181	.07402	.00949	-.00639
#3	.00394	-.00208	.08306	.00928	.00016
Check ?	None	None	None	None	None
Value					
Range					

Sample Name: ICSA MET2410-10 Acquired: 6/4/2010 10:17:12 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00193**	**-.00483**	**-.00045**	**.00166**	**.00448**
Stddev	.00198	.00448	.00443	.00068	.00016
%RSD	102.67	92.750	981.36	40.972	3.6180
#1	-.00420	-.00675	.00216	.00169	.00432
#2	-.00065	-.00802	.00206	.00232	.00449
#3	-.00093	.00029	-.00557	.00096	.00465
Check ?	None	None	None	None	None
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00901**	**.00231**	**.00055**	**.00406**
Stddev	.00310	.00097	.00021	.00009
%RSD	34.396	42.171	37.835	2.2420
#1	.00698	.00342	.00067	.00417
#2	.01257	.00163	.00031	.00400
#3	.00747	.00187	.00068	.00402
Check ?	None	None	None	None
Value				
Range				

Sample Name: ICSA MET2410-10 Acquired: 6/4/2010 10:17:12 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2402.1**	**6070.2**	**87993.**	**14469.**
Stddev	2.9	14.7	275.	82.
%RSD	.12068	.24211	.31298	.56797
#1	2399.8	6058.3	87848.	14536.
#2	2405.4	6086.6	87822.	14494.
#3	2401.3	6065.8	88311.	14377.

Sample Name: ICSAB MET2201-10 Acquired: 6/4/2010 10:21:58 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0720**	**525.38**	**1.0507**	**.99067**	**.49455**
Stddev	.0023	2.71	.0014	.00285	.00098
%RSD	.21597	.51651	.13168	.28737	.19833
#1	1.0738	522.26	1.0522	.99066	.49348
#2	1.0694	526.65	1.0495	.99352	.49475
#3	1.0729	527.23	1.0503	.98783	.49541
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50399**	**491.72**	**.90994**	**.51952**	**.50928**
Stddev	.00266	5.88	.00053	.00121	.00154
%RSD	.52750	1.1949	.05841	.23383	.30205
#1	.50097	486.59	.91042	.52073	.50753
#2	.50504	490.44	.91002	.51830	.50992
#3	.50596	498.13	.90937	.51952	.51040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICSAB MET2201-10 Acquired: 6/4/2010 10:21:58 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50219**	**196.71**	**10.651**	**1.0727**	**508.07**
Stddev	.00321	1.76	.077	.0065	1.66
%RSD	.63942	.89371	.72583	.60208	.32621
#1	.49852	195.69	10.622	1.0666	506.16
#2	.50451	195.71	10.592	1.0721	508.86
#3	.50353	198.74	10.738	1.0794	509.18
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.48257**	**.98726**	**10.532**	**1.0361**	**1.0137**
Stddev	.00034	.00240	.062	.0014	.0029
%RSD	.07029	.24274	.58941	.13183	.28912
#1	.48234	.98977	10.467	1.0369	1.0141
#2	.48296	.98701	10.541	1.0345	1.0106
#3	.48242	.98500	10.590	1.0369	1.0164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: ICSAB MET2201-10 Acquired: 6/4/2010 10:21:58 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0498**	**.99779**	**.99531**	**.93668**	**1.0483**
Stddev	.0036	.00399	.00500	.00147	.0090
%RSD	.34349	.39982	.50202	.15689	.86174
#1	1.0525	.99796	.99761	.93808	1.0389
#2	1.0512	1.0017	.98958	.93682	1.0489
#3	1.0457	.99372	.99874	.93515	1.0569
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**1.0115**	**.98147**	**.50565**	**.91787**
Stddev	.0058	.00657	.00120	.00155
%RSD	.57309	.66937	.23813	.16913
#1	1.0070	.98482	.50555	.91870
#2	1.0095	.98570	.50450	.91884
#3	1.0180	.97390	.50690	.91608
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: ICSAB MET2201-10 Acquired: 6/4/2010 10:21:58 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2393.6**	**6042.4**	**87556.**	**14344.**
Stddev	4.9	19.3	260.	101.
%RSD	.20620	.31924	.29682	.70355
#1	2388.3	6028.1	87772.	14452.
#2	2394.4	6034.9	87267.	14331.
#3	2398.1	6064.4	87628.	14251.

Sample Name: CCV1-1 MET2728-10 Acquired: 6/4/2010 10:26:32 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0049**	**25.454**	**.53938**	**2.0340**	**2.0012**
Stddev	.0032	.069	.00323	.0037	.0055
%RSD	.32234	.27122	.59894	.18035	.27245
#1	1.0020	25.505	.54307	2.0381	1.9993
#2	1.0084	25.481	.53803	2.0309	2.0074
#3	1.0042	25.375	.53704	2.0330	1.9970
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0460**	**51.391**	**.48997**	**2.1057**	**1.9979**
Stddev	.0070	.203	.00088	.0029	.0015
%RSD	.34408	.39494	.17913	.13735	.07711
#1	2.0488	51.424	.49098	2.1089	1.9962
#2	2.0513	51.575	.48937	2.1047	1.9983
#3	2.0380	51.173	.48956	2.1034	1.9992
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-1 MET2728-10 Acquired: 6/4/2010 10:26:32 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9616**	**25.707**	**125.63**	**2.0194**	**51.182**
Stddev	.0111	.070	.43	.0069	.105
%RSD	.56702	.27047	.33930	.33953	.20455
#1	1.9596	25.713	125.76	2.0169	51.225
#2	1.9736	25.774	125.98	2.0272	51.259
#3	1.9516	25.635	125.15	2.0142	51.063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9857**	**2.0088**	**126.53**	**2.0958**	**.50957**
Stddev	.0084	.0014	.40	.0029	.00126
%RSD	.42525	.07217	.31966	.13797	.24702
#1	1.9873	2.0104	126.39	2.0988	.50917
#2	1.9932	2.0084	126.99	2.0956	.51099
#3	1.9765	2.0076	126.22	2.0931	.50857
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-1 MET2728-10 Acquired: 6/4/2010 10:26:32 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50528**	**.52124**	**1.9965**	**1.9569**	**2.0130**
Stddev	.00066	.00361	.0085	.0032	.0081
%RSD	.13136	.69215	.42536	.16546	.40140
#1	.50573	.52538	1.9891	1.9606	2.0174
#2	.50451	.51878	1.9946	1.9548	2.0179
#3	.50559	.51956	2.0057	1.9552	2.0036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0151**	**1.0026**	**2.0402**	**1.9910**
Stddev	.0083	.0063	.0027	.0046
%RSD	.41311	.62660	.13083	.23196
#1	2.0176	1.0077	2.0399	1.9962
#2	2.0219	1.0044	2.0429	1.9892
#3	2.0058	.99557	2.0376	1.9875
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-1 MET2728-10 Acquired: 6/4/2010 10:26:32 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2703.6**	**6532.6**	**95498.**	**15008.**
Stddev	1.1	4.9	493.	91.
%RSD	.04175	.07432	.51590	.60890
#1	2702.3	6527.7	95988.	14977.
#2	2703.9	6537.5	95002.	14936.
#3	2704.5	6532.7	95503.	15111.

Sample Name: CCB1 Acquired: 6/4/2010 10:30:41 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00005**	**.03105**	**.00058**	**.00215**	**-.00046**
Stddev	.00025	.00859	.00150	.00020	.00019
%RSD	503.56	27.677	257.49	9.0719	41.032
#1	.00023	.02255	.00169	.00222	-.00029
#2	-.00024	.03973	-.00112	.00230	-.00043
#3	-.00014	.03087	.00118	.00193	-.00066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00004**	**.02938**	**.00010**	**.00018**	**.00005**
Stddev	.00004	.00621	.00002	.00009	.00041
%RSD	87.401	21.128	22.869	51.282	793.41
#1	.00004	.02350	.00009	.00029	-.00032
#2	.00009	.03587	.00009	.00012	.00050
#3	.00001	.02878	.00013	.00013	-.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB1 Acquired: 6/4/2010 10:30:41 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00091**	**.01554**	**.01071**	**-.00109**	**.01227**
Stddev	.00317	.00429	.06656	.00138	.00625
%RSD	349.35	27.627	621.42	126.57	50.911
#1	-.00217	.01206	-.02630	.00035	.00635
#2	.00073	.02034	-.02911	-.00240	.01880
#3	.00416	.01423	.08755	-.00123	.01167
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00017**	**.00126**	**.05711**	**.00029**	**-.00016**
Stddev	.00021	.00035	.00433	.00010	.00142
%RSD	125.51	27.588	7.5834	32.573	878.11
#1	-.00023	.00166	.06143	.00040	.00075
#2	.00007	.00110	.05713	.00027	.00057
#3	-.00034	.00102	.05277	.00021	-.00180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB1 Acquired: 6/4/2010 10:30:41 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00095**	**.00098**	**.00297**	**.00000**	**.00000**
Stddev	.00044	.00055	.00435	.00024	.00004
%RSD	46.194	55.857	146.51	244490.	2297.8
#1	.00145	.00057	.00110	.00025	-.00005
#2	.00075	.00160	-.00013	-.00002	.00003
#3	.00064	.00076	.00795	-.00023	.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00151**	**.00043**	**-.00008**	**-.00032**
Stddev	.00159	.00129	.00024	.00007
%RSD	105.62	298.87	294.75	22.444
#1	-.00107	-.00012	-.00035	-.00027
#2	-.00018	.00191	.00001	-.00040
#3	-.00328	-.00049	.00010	-.00029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB1 Acquired: 6/4/2010 10:30:41 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2962.1**	**6692.6**	**99498.**	**14906.**
Stddev	3.3	13.6	191.	45.
%RSD	.11078	.20334	.19183	.29931
#1	2958.3	6679.3	99326.	14857.
#2	2964.2	6706.5	99703.	14944.
#3	2963.7	6692.0	99466.	14916.

Sample Name: L2E69BT Acquired: 6/4/2010 10:35:06 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00039**	**.00025**	**-.00189**	**.00063**	**-.00100**
Stddev	.00043	.00938	.00114	.00035	.00012
%RSD	110.75	3727.9	60.254	55.281	12.321
#1	-.00089	.00761	-.00299	.00077	-.00089
#2	-.00020	-.01030	-.00071	.00024	-.00113
#3	-.00009	.00345	-.00198	.00089	-.00096
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**-.01295**	**-.00004**	**-.00002**	**-.00009**
Stddev	.00003	.00135	.00007	.00012	.00024
%RSD	9.0760	10.399	186.52	741.09	252.55
#1	-.00033	-.01431	-.00005	.00008	.00010
#2	-.00035	-.01293	-.00009	-.00014	-.00003
#3	-.00029	-.01161	.00004	.00002	-.00035
Check ?	None	None	Chk Pass	None	Chk Pass
High Limit					
Low Limit					

Sample Name: L2E69BT Acquired: 6/4/2010 10:35:06 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00093**	**-.00097**	**-.01146**	**-.00186**	**.01195**
Stddev	.00115	.00176	.05306	.00129	.01856
%RSD	123.41	181.58	463.17	69.479	155.27
#1	-.00091	-.00197	-.06578	-.00061	-.00907
#2	.00021	-.00200	.04025	-.00177	.01888
#3	-.00209	.00106	-.00884	-.00319	.02606
Check ?	None	None	None	None	None
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00045**	**-.00029**	**.00866**	**.00005**	**-.00158**
Stddev	.00030	.00023	.00200	.00014	.00048
%RSD	66.448	77.948	23.064	278.55	30.382
#1	-.00046	-.00052	.00778	-.00003	-.00212
#2	-.00015	-.00029	.00725	.00021	-.00118
#3	-.00074	-.00007	.01094	-.00003	-.00146
Check ?	None	None	None	None	Chk Pass
High Limit					
Low Limit					

Sample Name: L2E69BT Acquired: 6/4/2010 10:35:06 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00074**	**.00099**	**.01879**	**.00035**	**-.00044**
Stddev	.00110	.00072	.00397	.00026	.00007
%RSD	147.37	72.748	21.126	72.690	17.043
#1	-.00001	.00062	.01712	.00007	-.00035
#2	.00200	.00183	.02332	.00057	-.00049
#3	.00024	.00053	.01593	.00042	-.00046
Check ?	None	Chk Pass	None	None	None
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00091**	**-.00036**	**-.00032**	**-.00055**
Stddev	.00013	.00092	.00003	.00011
%RSD	13.972	254.74	9.5825	20.771
#1	.00079	-.00113	-.00035	-.00063
#2	.00104	-.00063	-.00029	-.00060
#3	.00089	.00066	-.00032	-.00042
Check ?	None	None	None	None
High Limit				
Low Limit				

Sample Name: L2E69BT Acquired: 6/4/2010 10:35:06 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3030.6**	**6891.6**	**104310.**	**15128.**
Stddev	14.9	36.8	1173.	157.
%RSD	.49056	.53397	1.1242	1.0361
#1	3027.4	6871.0	105030.	14949.
#2	3046.8	6934.1	104940.	15192.
#3	3017.6	6869.8	102960.	15243.

Sample Name: L2C60BT Acquired: 6/4/2010 10:39:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00080**	**.00382**	**.00219**	**.03347**	**.00107**
Stddev	.00031	.00821	.00080	.00018	.00025
%RSD	38.647	215.03	36.391	.54654	23.162
#1	-.00095	.00362	.00205	.03361	.00124
#2	-.00100	-.00429	.00147	.03353	.00118
#3	-.00044	.01212	.00305	.03326	.00078
Check ?	Chk Pass	None	Chk Pass	None	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**.24433**	**-.00011**	**.00051**	**.00042**
Stddev	.00000	.00563	.00004	.00018	.00010
%RSD	.80983	2.3030	42.736	34.872	24.854
#1	-.00035	.25082	-.00014	.00067	.00053
#2	-.00035	.24096	-.00012	.00032	.00033
#3	-.00035	.24121	-.00006	.00054	.00038
Check ?	None	None	Chk Pass	None	Chk Pass
High Limit					
Low Limit					

Sample Name: L2C60BT Acquired: 6/4/2010 10:39:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00019**	**.00958**	**1.4289**	**.00522**	**.03031**
Stddev	.00214	.00110	.0185	.00138	.00498
%RSD	1132.0	11.454	1.2926	26.354	16.417
#1	.00250	.00848	1.4094	.00387	.03100
#2	-.00174	.00959	1.4461	.00662	.03491
#3	-.00019	.01067	1.4312	.00517	.02503
Check ?	None	None	None	None	None
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00016**	**-.00060**	**1370.2**	**.00091**	**-.00129**
Stddev	.00050	.00020	18.0	.00044	.00055
%RSD	319.87	33.477	1.3129	48.336	42.762
#1	-.00056	-.00083	1389.9	.00085	-.00073
#2	-.00032	-.00054	1354.7	.00137	-.00183
#3	.00041	-.00044	1365.9	.00050	-.00131
Check ?	None	None	None	None	Chk Pass
High Limit					
Low Limit					

Sample Name: L2C60BT Acquired: 6/4/2010 10:39:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00135**	**.00740**	**.06966**	**.00102**	**.00081**
Stddev	.00100	.00377	.00373	.00058	.00003
%RSD	74.210	50.883	5.3592	56.994	3.9050
#1	.00249	.00435	.06833	.00116	.00077
#2	.00097	.01161	.07388	.00038	.00082
#3	.00060	.00625	.06678	.00153	.00083
Check ?	None	Chk Pass	None	None	None
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00005**	**.00010**	**-.00030**	**.00536**
Stddev	.00161	.00082	.00027	.00004
%RSD	3171.8	823.04	88.818	.66720
#1	.00176	.00105	-.00057	.00540
#2	-.00017	-.00046	-.00004	.00533
#3	-.00144	-.00029	-.00028	.00534
Check ?	None	None	None	None
High Limit				
Low Limit				

Sample Name: L2C60BT Acquired: 6/4/2010 10:39:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2520.1**	**6315.2**	**88742.**	**15323.**
Stddev	18.9	48.8	415.	186.
%RSD	.75186	.77320	.46815	1.2113
#1	2531.0	6346.5	89182.	15164.
#2	2498.2	6259.0	88687.	15278.
#3	2531.0	6340.2	88357.	15527.

Sample Name: L2E69CT Acquired: 6/4/2010 10:44:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05059**	**1.9685**	**2.1035**	**.97949**	**1.9276**
Stddev	.00052	.0062	.0119	.00101	.0002
%RSD	1.0351	.31250	.56421	.10319	.01270
#1	.05105	1.9624	2.0985	.97832	1.9274
#2	.05070	1.9684	2.1171	.98010	1.9275
#3	.05002	1.9747	2.0950	.98005	1.9279
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04810**	F **.25039**	**.04766**	**.52338**	**.19641**
Stddev	.00014	.00376	.00013	.00053	.00061
%RSD	.28920	1.5013	.26805	.10219	.31026
#1	.04803	.24848	.04753	.52277	.19621
#2	.04826	.25472	.04779	.52361	.19709
#3	.04801	.24797	.04766	.52377	.19592
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2E69CT Acquired: 6/4/2010 10:44:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.23900**	**1.0270**	F **1.9931**	**1.0041**	F **.02494**
Stddev	.00090	.0036	.1296	.0010	.00622
%RSD	.37543	.34520	6.5031	.10025	24.943
#1	.23978	1.0233	1.8602	1.0052	.03144
#2	.23802	1.0303	1.9998	1.0038	.02435
#3	.23919	1.0275	2.1192	1.0033	.01904
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.47723**	F **-.00108**	F **1340.3**	**.51939**	**.49790**
Stddev	.00164	.00014	8.5	.00101	.00223
%RSD	.34412	13.105	.63155	.19387	.44874
#1	.47776	-.00122	1343.7	.51976	.49965
#2	.47855	-.00094	1330.7	.52015	.49867
#3	.47539	-.00109	1346.6	.51825	.49539
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit		1.2000	60.000		
Low Limit		.80000	40.000		

Sample Name: L2E69CT Acquired: 6/4/2010 10:44:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	F **-.00073**	**2.1343**	F **.07244**	F **.00186**	**.96914**
Stddev	.00080	.0048	.00934	.00039	.00155
%RSD	109.69	.22323	12.896	20.712	.15968
#1	-.00161	2.1299	.08216	.00210	.96845
#2	-.00055	2.1393	.06353	.00206	.97092
#3	-.00004	2.1336	.07163	.00142	.96806
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit	.60000		12.000	2.4000	
Low Limit	.40000		8.0000	1.6000	

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	F **-.00090**	**1.8849**	**.50138**	**.49904**
Stddev	.00089	.0066	.00105	.00132
%RSD	99.183	.34767	.20911	.26371
#1	.00013	1.8773	.50211	.49752
#2	-.00150	1.8893	.50186	.49981
#3	-.00133	1.8880	.50018	.49979
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	1.2000			
Low Limit	.80000			

Sample Name: L2E69CT Acquired: 6/4/2010 10:44:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2503.4**	**6279.3**	**89541.**	**15130.**
Stddev	1.4	6.4	207.	57.
%RSD	.05618	.10216	.23144	.37561
#1	2504.5	6285.3	89334.	15191.
#2	2503.9	6280.2	89542.	15123.
#3	2501.8	6272.5	89748.	15078.

Sample Name: L15V9T Acquired: 6/4/2010 10:48:20 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00023**	**.08328**	**.00213**	**.24170**	**.35101**
Stddev	.00025	.01209	.00159	.00057	.00095
%RSD	108.27	14.523	74.679	.23552	.27159
#1	-.00052	.09724	.00030	.24161	.35135
#2	-.00005	.07599	.00313	.24118	.35174
#3	-.00013	.07660	.00296	.24231	.34993
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**238.00**	**.02597**	**.04686**	**.04774**
Stddev	.00003	2.72	.00002	.00035	.00018
%RSD	10.202	1.1435	.07823	.75746	.37465
#1	-.00035	239.32	.02599	.04712	.04794
#2	-.00028	234.87	.02595	.04646	.04770
#3	-.00031	239.80	.02597	.04701	.04758
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9T Acquired: 6/4/2010 10:48:20 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.30814**	**.09777**	**7.2600**	**.03219**	**110.69**
Stddev	.00401	.00124	.0989	.00136	.42
%RSD	1.3021	1.2682	1.3626	4.2198	.37916
#1	.30351	.09655	7.2484	.03214	110.68
#2	.31064	.09903	7.3642	.03086	111.11
#3	.31027	.09771	7.1673	.03357	110.27
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.3468**	**-.00035**	**F 1354.4**	**.23656**	**.06798**
Stddev	.0068	.00003	6.0	.00005	.00042
%RSD	.50732	7.4997	.44637	.02200	.61235
#1	1.3465	-.00033	1361.4	.23652	.06816
#2	1.3538	-.00038	1350.6	.23662	.06829
#3	1.3401	-.00035	1351.3	.23654	.06751
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9T Acquired: 6/4/2010 10:48:20 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00004**	**.00546**	**5.8066**	**.00237**	**1.5177**
Stddev	.00096	.00152	.0070	.00027	.0039
%RSD	2180.0	27.772	.12085	11.478	.25805
#1	-.00091	.00654	5.8147	.00231	1.5164
#2	.00099	.00613	5.8022	.00266	1.5221
#3	-.00021	.00373	5.8028	.00213	1.5146
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00383**	**.00057**	**.00155**	**1.2141**
Stddev	.00092	.00122	.00024	.0020
%RSD	24.143	215.12	15.573	.16689
#1	.00293	-.00011	.00156	1.2158
#2	.00477	-.00016	.00130	1.2118
#3	.00379	.00198	.00178	1.2147
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9T Acquired: 6/4/2010 10:48:20 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2406.2**	**6101.4**	**87863.**	**14821.**
Stddev	7.9	16.3	271.	191.
%RSD	.32984	.26749	.30813	1.2897
#1	2413.3	6111.6	88074.	14707.
#2	2407.7	6110.0	87558.	14715.
#3	2397.6	6082.5	87958.	15042.

Sample Name: L15V9P5T Acquired: 6/4/2010 10:52:53 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00024**	**.02411**	**.00040**	**.04679**	**.06794**
Stddev	.00018	.00393	.00098	.00037	.00025
%RSD	74.334	16.299	248.16	.78104	.36749
#1	-.00042	.02653	.00068	.04646	.06788
#2	-.00025	.02623	-.00070	.04718	.06772
#3	-.00006	.01958	.00121	.04674	.06821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00026**	**47.409**	**.00520**	**.00911**	**.00932**
Stddev	.00006	.166	.00004	.00019	.00022
%RSD	21.875	.35003	.67541	2.0465	2.3129
#1	-.00029	47.517	.00524	.00906	.00908
#2	-.00029	47.217	.00517	.00896	.00936
#3	-.00019	47.491	.00521	.00932	.00950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9P5T Acquired: 6/4/2010 10:52:53 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05878**	**.02041**	**1.2585**	**.00541**	**21.920**
Stddev	.00076	.00126	.0187	.00135	.036
%RSD	1.2972	6.1932	1.4884	24.935	.16394
#1	.05966	.02135	1.2557	.00390	21.952
#2	.05840	.01898	1.2785	.00650	21.881
#3	.05829	.02092	1.2414	.00583	21.927
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.26455**	**-.00101**	**282.14**	**.04607**	**.01310**
Stddev	.00162	.00020	1.40	.00010	.00105
%RSD	.61083	19.617	.49696	.22424	8.0107
#1	.26578	-.00120	280.62	.04611	.01206
#2	.26272	-.00104	282.39	.04595	.01416
#3	.26514	-.00080	283.39	.04614	.01309
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9P5T Acquired: 6/4/2010 10:52:53 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00087**	**.00266**	**1.1205**	**.00073**	**.28818**
Stddev	.00079	.00124	.0070	.00053	.00136
%RSD	90.294	46.538	.62503	73.267	.47242
#1	.00105	.00128	1.1286	.00014	.28930
#2	.00001	.00367	1.1164	.00118	.28666
#3	.00155	.00303	1.1165	.00087	.28857
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00103**	**-.00082**	**.00036**	**.24507**
Stddev	.00219	.00035	.00036	.00040
%RSD	212.63	43.458	99.041	.16501
#1	-.00137	-.00069	.00030	.24551
#2	.00155	-.00122	.00004	.24498
#3	.00291	-.00054	.00075	.24471
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9P5T Acquired: 6/4/2010 10:52:53 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2730.6**	**6590.6**	**96104.**	**15338.**
Stddev	9.4	17.4	492.	18.
%RSD	.34582	.26432	.51184	.11609
#1	2722.3	6582.7	95565.	15318.
#2	2728.7	6578.5	96219.	15345.
#3	2740.8	6610.6	96528.	15351.

Sample Name: L15V9ST Acquired: 6/4/2010 10:57:23 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.96561**	**.09460**	**5.1246**	**.24268**	**45.092**
Stddev	.00276	.01065	.0243	.00099	.511
%RSD	.28600	11.262	.47489	.40827	1.1337
#1	.96861	.08708	5.1523	.24380	45.675
#2	.96507	.08994	5.1152	.24193	44.717
#3	.96317	.10679	5.1064	.24229	44.886
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00028**	**240.38**	**.90620**	**.03833**	**4.5644**
Stddev	.00006	3.06	.00123	.00040	.0051
%RSD	20.379	1.2715	.13619	1.0387	.11178
#1	-.00031	243.01	.90761	.03845	4.5684
#2	-.00022	237.03	.90568	.03865	4.5587
#3	-.00032	241.10	.90531	.03788	4.5662
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9ST Acquired: 6/4/2010 10:57:23 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.31152**	**.11205**	**6.9024**	**.03163**	**111.35**
Stddev	.00468	.00144	.0604	.00045	.45
%RSD	1.5009	1.2807	.87461	1.4254	.40021
#1	.31597	.11073	6.8493	.03115	111.85
#2	.30665	.11183	6.8898	.03204	110.99
#3	.31194	.11358	6.9681	.03172	111.21
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.3518**	**-.00006**	F **1358.4**	**.23786**	**4.8051**
Stddev	.0054	.00012	13.4	.00100	.0095
%RSD	.39903	201.53	.98475	.41854	.19841
#1	1.3565	-.00010	1370.9	.23884	4.8142
#2	1.3459	-.00015	1344.3	.23685	4.7952
#3	1.3529	.00007	1360.1	.23789	4.8059
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9ST Acquired: 6/4/2010 10:57:23 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00379**	**1.0288**	**5.8444**	**.00261**	**1.5332**
Stddev	.00046	.0069	.0243	.00057	.0104
%RSD	12.217	.67321	.41588	21.925	.68028
#1	-.00353	1.0366	5.8693	.00321	1.5443
#2	-.00352	1.0234	5.8434	.00254	1.5236
#3	-.00433	1.0265	5.8207	.00207	1.5317
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00680**	**-.00022**	**.00226**	**1.2168**
Stddev	.00254	.00094	.00025	.0025
%RSD	37.301	431.75	10.852	.20203
#1	.00964	-.00002	.00198	1.2196
#2	.00477	.00061	.00243	1.2154
#3	.00599	-.00124	.00237	1.2153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9ST Acquired: 6/4/2010 10:57:23 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2392.9**	**6040.8**	**87624.**	**14845.**
Stddev	8.5	16.5	245.	181.
%RSD	.35557	.27333	.27923	1.2166
#1	2395.8	6042.5	87768.	14636.
#2	2399.6	6056.4	87763.	14948.
#3	2383.3	6023.5	87342.	14951.

Sample Name: L15V9DT Acquired: 6/4/2010 11:02:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0227**	**.08995**	**5.5123**	**.24904**	**47.801**
Stddev	.0003	.01643	.0179	.00139	.363
%RSD	.03250	18.267	.32484	.55767	.75866
#1	1.0227	.09051	5.5315	.25059	48.153
#2	1.0231	.07324	5.5091	.24861	47.428
#3	1.0224	.10609	5.4962	.24792	47.821
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00029**	**246.84**	**.95873**	**.03917**	**4.8703**
Stddev	.00005	4.16	.00186	.00022	.0064
%RSD	18.067	1.6868	.19451	.57002	.13075
#1	-.00031	248.32	.96010	.03895	4.8682
#2	-.00023	242.13	.95947	.03940	4.8653
#3	-.00032	250.06	.95660	.03917	4.8775
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9DT Acquired: 6/4/2010 11:02:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.31817**	**.10288**	**7.1578**	**.03109**	**113.82**
Stddev	.00121	.00167	.0663	.00161	.19
%RSD	.37993	1.6249	.92610	5.1679	.16684
#1	.31836	.10267	7.0815	.03225	114.04
#2	.31927	.10464	7.1908	.02926	113.69
#3	.31687	.10132	7.2012	.03176	113.74
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.3864**	**-.00046**	**F 1366.7**	**.24251**	**5.0949**
Stddev	.0008	.00035	8.9	.00117	.0110
%RSD	.05899	75.835	.65433	.48160	.21558
#1	1.3863	-.00032	1372.6	.24332	5.1076
#2	1.3873	-.00085	1356.4	.24303	5.0886
#3	1.3857	-.00020	1371.2	.24117	5.0886
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9DT Acquired: 6/4/2010 11:02:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00392**	**1.1051**	**5.9716**	**.00229**	**1.5596**
Stddev	.00091	.0027	.0273	.00044	.0022
%RSD	23.284	.24052	.45694	19.407	.13815
#1	-.00467	1.1074	5.9977	.00253	1.5620
#2	-.00290	1.1057	5.9737	.00177	1.5590
#3	-.00418	1.1022	5.9433	.00255	1.5578
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00488**	**-.00091**	**.00221**	**1.2522**
Stddev	.00203	.00138	.00063	.0050
%RSD	41.663	150.58	28.696	.40130
#1	.00264	.00061	.00171	1.2574
#2	.00660	-.00208	.00292	1.2520
#3	.00540	-.00127	.00200	1.2473
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9DT Acquired: 6/4/2010 11:02:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2401.4**	**6062.2**	**87646.**	**14884.**
Stddev	2.4	8.8	140.	137.
%RSD	.10159	.14596	.15974	.91978
#1	2404.0	6063.4	87787.	14727.
#2	2399.1	6052.8	87507.	14974.
#3	2401.0	6070.4	87645.	14952.

Sample Name: L15V9ST/2 Acquired: 6/4/2010 11:06:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.46861**	**.04951**	**2.4929**	**.11995**	**22.708**
Stddev	.00065	.01829	.0024	.00079	.351
%RSD	.13911	36.953	.09432	.65726	1.5472
#1	.46827	.06641	2.4903	.12085	22.579
#2	.46936	.03008	2.4950	.11936	22.439
#3	.46820	.05203	2.4933	.11965	23.105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00033**	**121.00**	**.46166**	**.01921**	**2.2836**
Stddev	.00002	1.73	.00032	.00032	.0058
%RSD	5.0358	1.4305	.07018	1.6507	.25589
#1	-.00032	121.16	.46128	.01919	2.2819
#2	-.00031	119.20	.46186	.01891	2.2900
#3	-.00034	122.65	.46183	.01954	2.2787
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9ST/2 Acquired: 6/4/2010 11:06:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.15289**	**.05267**	**3.2280**	**.01281**	**55.970**
Stddev	.00205	.00084	.0594	.00173	.172
%RSD	1.3417	1.5925	1.8387	13.504	.30734
#1	.15053	.05174	3.2694	.01371	56.061
#2	.15426	.05289	3.1600	.01081	55.772
#3	.15388	.05337	3.2546	.01389	56.078
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.67873**	**-.00078**	F **698.42**	**.11822**	**2.4061**
Stddev	.00241	.00010	8.72	.00067	.0052
%RSD	.35512	13.446	1.2487	.56991	.21621
#1	.68151	-.00090	697.22	.11896	2.4116
#2	.67729	-.00071	690.36	.11764	2.4056
#3	.67739	-.00073	707.68	.11806	2.4012
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9ST/2 Acquired: 6/4/2010 11:06:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00089**	**.49938**	**2.8880**	**.00125**	**.75159**
Stddev	.00042	.00199	.0196	.00055	.00243
%RSD	46.829	.39806	.67787	44.236	.32269
#1	-.00122	.49795	2.9096	.00188	.75414
#2	-.00103	.50165	2.8832	.00097	.74931
#3	-.00042	.49854	2.8713	.00089	.75132
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00305**	**-.00078**	**.00100**	**.61879**
Stddev	.00077	.00159	.00007	.00160
%RSD	25.181	203.69	6.8787	.25906
#1	.00383	.00037	.00105	.61965
#2	.00229	-.00011	.00103	.61978
#3	.00304	-.00259	.00092	.61694
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9ST/2 Acquired: 6/4/2010 11:06:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2559.4**	**6338.8**	**92035.**	**15196.**
Stddev	14.0	36.7	1055.	260.
%RSD	.54635	.57893	1.1458	1.7107
#1	2555.9	6334.7	91499.	15036.
#2	2547.5	6304.3	91355.	15496.
#3	2574.8	6377.4	93250.	15057.

Sample Name: L15V9DT/2 Acquired: 6/4/2010 11:11:24 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.48502**	**.04658**	**2.6174**	**.12158**	**23.772**
Stddev	.00094	.00597	.0094	.00002	.206
%RSD	.19451	12.827	.35851	.01951	.86800
#1	.48590	.05070	2.6224	.12160	23.776
#2	.48514	.03973	2.6066	.12158	23.564
#3	.48402	.04931	2.6233	.12155	23.977
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**123.06**	**.48196**	**.01931**	**2.4004**
Stddev	.00004	.39	.00047	.00013	.0017
%RSD	13.852	.32073	.09753	.66037	.07039
#1	-.00029	122.77	.48176	.01926	2.4022
#2	-.00028	122.91	.48250	.01922	2.4003
#3	-.00036	123.51	.48163	.01946	2.3988
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15V9DT/2 Acquired: 6/4/2010 11:11:24 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.15489**	**.05087**	**3.2741**	**.01301**	**56.495**
Stddev	.00097	.00176	.0766	.00075	.178
%RSD	.62677	3.4580	2.3410	5.7467	.31459
#1	.15579	.04966	3.2445	.01232	56.654
#2	.15386	.05005	3.2168	.01380	56.303
#3	.15500	.05289	3.3612	.01292	56.527
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.68632**	**-.00073**	F **709.04**	**.11946**	**2.5187**
Stddev	.00049	.00014	2.14	.00028	.0035
%RSD	.07104	18.997	.30132	.23356	.13898
#1	.68679	-.00087	710.72	.11943	2.5208
#2	.68582	-.00059	709.77	.11975	2.5207
#3	.68634	-.00075	706.64	.11920	2.5147
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15V9DT/2 Acquired: 6/4/2010 11:11:24 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00069**	**.51909**	**2.9250**	**.00123**	**.76891**
Stddev	.00083	.00113	.0091	.00039	.00062
%RSD	120.07	.21834	.31246	31.511	.08027
#1	.00005	.51969	2.9308	.00167	.76823
#2	-.00053	.51778	2.9145	.00104	.76909
#3	-.00159	.51980	2.9297	.00097	.76943
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00319**	**-.00061**	**.00084**	**.62527**
Stddev	.00094	.00104	.00011	.00089
%RSD	29.522	172.39	12.861	.14162
#1	.00216	-.00181	.00093	.62544
#2	.00401	.00005	.00072	.62431
#3	.00338	-.00006	.00088	.62606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15V9DT/2 Acquired: 6/4/2010 11:11:24 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2559.6**	**6332.0**	**92420.**	**15032.**
Stddev	2.4	5.5	613.	180.
%RSD	.09197	.08737	.66314	1.1966
#1	2557.9	6325.9	91824.	14895.
#2	2558.6	6333.4	92389.	15236.
#3	2562.3	6336.8	93048.	14966.

Sample Name: L15XGT Acquired: 6/4/2010 11:16:08 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00013**	**.00422**	**.00319**	**.03721**	**.00845**
Stddev	.00018	.00987	.00287	.00027	.00022
%RSD	144.38	233.96	89.954	.72079	2.5513
#1	-.00003	-.00682	.00046	.03727	.00860
#2	.00033	.00729	.00618	.03691	.00854
#3	.00008	.01220	.00293	.03743	.00820
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**.45740**	**.00003**	**.07879**	**.00219**
Stddev	.00001	.00668	.00005	.00021	.00032
%RSD	2.6501	1.4600	168.86	.27139	14.568
#1	-.00032	.46496	-.00003	.07855	.00232
#2	-.00032	.45493	.00004	.07889	.00243
#3	-.00031	.45230	.00008	.07894	.00183
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15XGT Acquired: 6/4/2010 11:16:08 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.3362**	**.32532**	**1.7753**	**.00379**	**.09722**
Stddev	.0078	.00035	.0593	.00072	.02697
%RSD	.58182	.10619	3.3422	18.940	27.736
#1	1.3412	.32513	1.7089	.00307	.06890
#2	1.3402	.32572	1.7941	.00450	.10017
#3	1.3273	.32511	1.8230	.00380	.12259
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**7.8806**	**-.00170**	F **1337.1**	**.58825**	**.00075**
Stddev	.0153	.00025	3.6	.00112	.00200
%RSD	.19355	14.937	.26869	.19059	268.14
#1	7.8643	-.00141	1339.0	.58904	-.00122
#2	7.8945	-.00187	1333.0	.58696	.00069
#3	7.8830	-.00183	1339.4	.58873	.00277
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15XGT Acquired: 6/4/2010 11:16:08 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00070**	**.00494**	**.18551**	**.00097**	**.00280**
Stddev	.00076	.00154	.00573	.00014	.00002
%RSD	108.92	31.172	3.0903	14.685	.55790
#1	-.00016	.00661	.17891	.00086	.00282
#2	.00130	.00465	.18924	.00093	.00280
#3	.00097	.00357	.18838	.00113	.00278
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00136**	**-.00927**	**-.00093**	**.03808**
Stddev	.00198	.00054	.00020	.00005
%RSD	145.05	5.8220	21.423	.12478
#1	.00328	-.00957	-.00095	.03803
#2	.00148	-.00959	-.00072	.03807
#3	-.00067	-.00865	-.00111	.03813
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15XGT Acquired: 6/4/2010 11:16:08 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2540.0**	**6380.9**	**90283.**	**15092.**
Stddev	3.1	6.1	884.	101.
%RSD	.12310	.09623	.97906	.66920
#1	2537.4	6377.5	89781.	14994.
#2	2543.5	6388.0	89765.	15085.
#3	2539.1	6377.3	91304.	15196.

Sample Name: CCV1-2 Acquired: 6/4/2010 11:20:39 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99056**	**25.147**	**.52809**	**2.0048**	**1.9756**
Stddev	.00090	.185	.00248	.0026	.0044
%RSD	.09087	.73485	.46895	.13028	.22132
#1	.99004	25.356	.53085	2.0048	1.9768
#2	.99160	25.078	.52607	2.0022	1.9707
#3	.99003	25.006	.52735	2.0074	1.9792
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0370**	**51.225**	**.48599**	**2.0927**	**1.9581**
Stddev	.0044	.596	.00074	.0024	.0025
%RSD	.21743	1.1627	.15228	.11481	.12878
#1	2.0421	51.900	.48643	2.0945	1.9565
#2	2.0344	51.001	.48514	2.0936	1.9610
#3	2.0344	50.773	.48641	2.0900	1.9568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-2 Acquired: 6/4/2010 11:20:39 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9357**	**25.306**	**124.23**	**1.9925**	**51.094**
Stddev	.0109	.228	1.61	.0050	.842
%RSD	.56227	.89936	1.2998	.25247	1.6477
#1	1.9482	25.568	126.10	1.9909	52.066
#2	1.9282	25.152	123.31	1.9884	50.617
#3	1.9307	25.199	123.29	1.9981	50.598
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9547**	**1.9979**	**125.04**	**2.0761**	**.50524**
Stddev	.0133	.0036	.72	.0015	.00167
%RSD	.68247	.17803	.57432	.07204	.33124
#1	1.9698	1.9968	125.83	2.0761	.50391
#2	1.9444	1.9950	124.86	2.0777	.50467
#3	1.9499	2.0019	124.42	2.0747	.50712
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-2 Acquired: 6/4/2010 11:20:39 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.49827**	**.51019**	**1.9818**	**1.9388**	**1.9911**
Stddev	.00089	.00161	.0171	.0002	.0039
%RSD	.17911	.31504	.86081	.01210	.19751
#1	.49884	.51166	1.9962	1.9389	1.9957
#2	.49873	.51042	1.9862	1.9389	1.9886
#3	.49724	.50847	1.9630	1.9385	1.9891
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0049**	**.98640**	**2.0097**	**1.9575**
Stddev	.0101	.00113	.0025	.0052
%RSD	.50453	.11492	.12608	.26560
#1	2.0147	.98768	2.0077	1.9548
#2	2.0056	.98601	2.0126	1.9541
#3	1.9945	.98551	2.0088	1.9634
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-2 Acquired: 6/4/2010 11:20:39 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2730.8**	**6606.3**	**97161.**	**14909.**
Stddev	13.0	33.7	1136.	525.
%RSD	.47752	.51030	1.1689	3.5208
#1	2745.6	6641.4	98455.	14312.
#2	2725.6	6603.5	96329.	15118.
#3	2721.2	6574.1	96699.	15298.

Sample Name: CCB2 Acquired: 6/4/2010 11:24:48 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00015**	**.01871**	**-.00109**	**.00060**	**.00005**
Stddev	.00021	.00698	.00202	.00026	.00008
%RSD	139.47	37.277	185.08	43.965	162.87
#1	.00004	.02076	-.00063	.00091	-.00003
#2	-.00037	.01094	.00066	.00044	.00012
#3	-.00012	.02444	-.00331	.00046	.00006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00007**	**.01361**	**.00006**	**.00008**	**.00009**
Stddev	.00001	.00259	.00005	.00009	.00026
%RSD	17.084	19.061	83.215	105.54	286.77
#1	-.00008	.01068	.00002	.00009	.00034
#2	-.00007	.01454	.00012	-.00001	.00011
#3	-.00006	.01561	.00005	.00017	-.00018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB2 Acquired: 6/4/2010 11:24:48 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00123**	**.00767**	**.10853**	**-.00017**	**-.00368**
Stddev	.00046	.00140	.04946	.00161	.00264
%RSD	36.934	18.239	45.575	952.50	71.846
#1	-.00091	.00693	.05756	-.00173	-.00673
#2	-.00175	.00679	.11169	.00149	-.00218
#3	-.00104	.00928	.15633	-.00026	-.00212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00025**	**.00114**	**.43322**	**.00033**	**-.00034**
Stddev	.00045	.00008	.02842	.00025	.00038
%RSD	178.82	7.1517	6.5614	74.420	112.33
#1	-.00049	.00123	.40102	.00051	.00007
#2	-.00055	.00113	.44377	.00005	-.00039
#3	.00027	.00107	.45486	.00044	-.00069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB2 Acquired: 6/4/2010 11:24:48 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00013**	**.00198**	**.00232**	**-.00001**	**-.00010**
Stddev	.00063	.00104	.00272	.00034	.00008
%RSD	492.06	52.381	117.03	4442.0	84.900
#1	.00008	.00089	.00467	-.00039	-.00018
#2	-.00083	.00295	-.00066	.00025	-.00009
#3	.00037	.00210	.00297	.00012	-.00002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00025**	**-.00111**	**-.00007**	**-.00029**
Stddev	.00248	.00086	.00015	.00002
%RSD	990.72	77.670	198.36	5.9785
#1	-.00260	-.00119	.00008	-.00028
#2	.00144	-.00193	-.00010	-.00030
#3	.00191	-.00021	-.00020	-.00027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB2 Acquired: 6/4/2010 11:24:48 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3003.5**	**6830.2**	**101260.**	**15056.**
Stddev	7.5	25.1	231.	166.
%RSD	.25050	.36732	.22805	1.0992
#1	3011.2	6856.6	101530.	15014.
#2	2996.2	6806.6	101130.	14915.
#3	3003.0	6827.4	101130.	15238.

Sample Name: L15XKT Acquired: 6/4/2010 11:29:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00005**	**.00844**	**.00485**	**.03564**	**.00278**
Stddev	.00051	.01354	.00145	.00062	.00032
%RSD	1058.9	160.42	29.809	1.7500	11.371
#1	.00053	.01119	.00538	.03542	.00314
#2	-.00022	.02039	.00321	.03635	.00265
#3	-.00045	-.00627	.00595	.03516	.00256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**.36535**	**-.00013**	**.05390**	**.00187**
Stddev	.00005	.00202	.00008	.00029	.00030
%RSD	13.533	.55242	66.783	.54031	15.955
#1	-.00038	.36712	-.00012	.05378	.00170
#2	-.00041	.36315	-.00022	.05423	.00168
#3	-.00031	.36578	-.00005	.05368	.00221
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L15XKT Acquired: 6/4/2010 11:29:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0330**	**.43726**	**1.4478**	**.00308**	**.10247**
Stddev	.0039	.00440	.0988	.00029	.00746
%RSD	.37652	1.0064	6.8244	9.4389	7.2769
#1	1.0330	.43981	1.3668	.00303	.10071
#2	1.0291	.43218	1.4189	.00339	.09606
#3	1.0368	.43979	1.5579	.00282	.11065
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**5.7359**	**-.00125**	F **1319.8**	**.40091**	**.00005**
Stddev	.0154	.00006	9.9	.00086	.00019
%RSD	.26829	4.9040	.75122	.21383	362.83
#1	5.7526	-.00132	1322.2	.40126	-.00006
#2	5.7223	-.00123	1308.8	.40153	.00027
#3	5.7327	-.00120	1328.2	.39993	-.00005
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L15XKT Acquired: 6/4/2010 11:29:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00068**	**.00455**	**.16147**	**.00129**	**.00096**
Stddev	.00091	.00178	.00334	.00065	.00001
%RSD	134.79	39.029	2.0658	50.281	1.1086
#1	.00006	.00329	.15762	.00119	.00097
#2	.00025	.00377	.16320	.00198	.00096
#3	.00173	.00658	.16358	.00070	.00095
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00003**	**-.00562**	**-.00096**	**.00498**
Stddev	.00412	.00073	.00018	.00005
%RSD	14629.	13.081	19.288	1.0697
#1	-.00337	-.00609	-.00088	.00503
#2	.00458	-.00477	-.00117	.00493
#3	-.00129	-.00599	-.00082	.00497
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L15XKT Acquired: 6/4/2010 11:29:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2539.0**	**6364.8**	**90352.**	**15386.**
Stddev	18.8	46.4	414.	234.
%RSD	.74157	.72962	.45806	1.5189
#1	2542.8	6386.6	90272.	15306.
#2	2518.6	6311.5	89984.	15649.
#3	2555.6	6396.4	90800.	15203.

Sample Name: L16D2T Acquired: 6/4/2010 11:33:46 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00121**	**1.0966**	**.00919**	**3.8603**	**.74683**
Stddev	.00036	.0118	.00198	.0019	.00374
%RSD	29.343	1.0804	21.581	.04783	.50063
#1	.00156	1.1054	.01010	3.8621	.75115
#2	.00085	1.0831	.00691	3.8605	.74468
#3	.00123	1.1013	.01055	3.8584	.74467
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00175**	**294.83**	**.42094**	**.15841**	**.03571**
Stddev	.00002	3.44	.00059	.00023	.00051
%RSD	1.1182	1.1663	.13925	.14279	1.4397
#1	.00174	298.42	.42026	.15829	.03528
#2	.00177	291.57	.42128	.15867	.03628
#3	.00174	294.49	.42128	.15827	.03557
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L16D2T Acquired: 6/4/2010 11:33:46 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**6.5468**	**4.1711**	**30.644**	**6.0591**	**12.482**
Stddev	.0288	.0189	.165	.0233	.053
%RSD	.43985	.45339	.53693	.38400	.42572
#1	6.5750	4.1929	30.782	6.0831	12.506
#2	6.5174	4.1585	30.462	6.0366	12.421
#3	6.5480	4.1621	30.689	6.0574	12.519
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.3413**	**.23168**	F **1344.6**	**.32097**	**3.0061**
Stddev	.0127	.00033	6.1	.00057	.0036
%RSD	.54060	.14255	.45309	.17660	.11855
#1	2.3552	.23138	1337.8	.32058	3.0030
#2	2.3384	.23161	1349.7	.32071	3.0100
#3	2.3304	.23204	1346.2	.32162	3.0054
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L16D2T Acquired: 6/4/2010 11:33:46 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25483**	**.01385**	**3.7113**	**.03578**	**.58190**
Stddev	.00054	.00237	.0152	.00044	.00342
%RSD	.21289	17.091	.40873	1.2303	.58740
#1	.25423	.01150	3.7252	.03528	.58518
#2	.25499	.01623	3.6951	.03613	.57836
#3	.25528	.01382	3.7136	.03592	.58217
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00937**	**-.00261**	**.00528**	F **31.449**
Stddev	.00202	.00011	.00015	.041
%RSD	21.599	4.2092	2.7618	.13166
#1	.01023	-.00261	.00512	31.464
#2	.01082	-.00272	.00539	31.481
#3	.00706	-.00250	.00534	31.402
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit				25.000
Low Limit				-.02000

Sample Name: L16D2T Acquired: 6/4/2010 11:33:46 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2386.7**	**6036.9**	**88071.**	**14767.**
Stddev	4.2	8.8	472.	44.
%RSD	.17712	.14547	.53568	.29748
#1	2381.8	6026.8	88213.	14717.
#2	2388.7	6040.7	88455.	14795.
#3	2389.5	6043.1	87545.	14790.

Sample Name: L19EJT Acquired: 6/4/2010 11:38:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00016**	**.00750**	**.00032**	**.07712**	**.00659**
Stddev	.00016	.01074	.00283	.00074	.00017
%RSD	100.33	143.23	878.84	.96005	2.6421
#1	-.00031	.00009	-.00258	.07791	.00675
#2	-.00017	.01982	.00307	.07700	.00640
#3	.00001	.00259	.00048	.07644	.00661
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00033**	**.79697**	**.00004**	**.02700**	**.00175**
Stddev	.00005	.00256	.00001	.00045	.00012
%RSD	13.921	.32110	13.687	1.6490	6.6041
#1	-.00028	.79699	.00004	.02750	.00187
#2	-.00036	.79440	.00004	.02688	.00174
#3	-.00035	.79952	.00005	.02663	.00164
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L19EJT Acquired: 6/4/2010 11:38:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.90939**	**.12993**	**2.1233**	**.00611**	**.33104**
Stddev	.00466	.00139	.0295	.00022	.01511
%RSD	.51276	1.0698	1.3896	3.6285	4.5644
#1	.91183	.13145	2.1553	.00629	.34599
#2	.90402	.12873	2.0972	.00618	.31577
#3	.91234	.12961	2.1173	.00586	.33137
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.5842**	**-.00094**	F **1307.3**	**.16880**	**.00036**
Stddev	.0106	.00009	7.3	.00059	.00117
%RSD	.41069	9.3298	.55864	.35129	322.08
#1	2.5940	-.00104	1315.6	.16863	.00049
#2	2.5729	-.00093	1301.9	.16946	.00147
#3	2.5859	-.00086	1304.4	.16831	-.00086
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L19EJT Acquired: 6/4/2010 11:38:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00106**	**.00525**	**.20560**	**.00101**	**.00277**
Stddev	.00034	.00099	.00333	.00045	.00014
%RSD	32.177	18.935	1.6180	44.706	4.9247
#1	.00088	.00411	.20455	.00058	.00291
#2	.00146	.00595	.20293	.00096	.00264
#3	.00085	.00569	.20932	.00148	.00277
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00015**	**-.00198**	**-.00079**	**.01022**
Stddev	.00172	.00205	.00022	.00113
%RSD	1122.2	103.45	27.566	11.086
#1	.00110	.00018	-.00057	.00943
#2	-.00211	-.00389	-.00079	.00970
#3	.00055	-.00223	-.00101	.01151
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L19EJT Acquired: 6/4/2010 11:38:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2544.0**	**6380.4**	**90589.**	**15024.**
Stddev	7.5	17.6	37.	30.
%RSD	.29613	.27532	.04114	.20173
#1	2535.5	6360.2	90607.	14991.
#2	2546.5	6388.9	90546.	15032.
#3	2549.9	6392.0	90613.	15050.

Sample Name: L19EKT Acquired: 6/4/2010 11:42:43 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00040**	**.05217**	**.00562**	**.01398**	**.00539**
Stddev	.00022	.00196	.00410	.00025	.00025
%RSD	55.242	3.7636	72.908	1.8043	4.6971
#1	-.00016	.05102	.00946	.01423	.00525
#2	-.00059	.05105	.00130	.01398	.00524
#3	-.00045	.05444	.00611	.01373	.00568
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**.58356**	**.00032**	**.03661**	**.00371**
Stddev	.00003	.00818	.00004	.00016	.00020
%RSD	7.1848	1.4014	14.068	.44394	5.3176
#1	-.00037	.59290	.00027	.03675	.00391
#2	-.00039	.57768	.00036	.03665	.00352
#3	-.00034	.58009	.00033	.03643	.00369
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L19EKT Acquired: 6/4/2010 11:42:43 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.69023**	**1.9585**	**1.7883**	**.00441**	**.54612**
Stddev	.00620	.0204	.0524	.00073	.01177
%RSD	.89883	1.0440	2.9300	16.565	2.1548
#1	.69737	1.9821	1.7462	.00357	.55212
#2	.68715	1.9450	1.8470	.00481	.55367
#3	.68617	1.9486	1.7717	.00485	.53256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.4133**	**-.00114**	F **1293.1**	**.16611**	**-.00038**
Stddev	.0284	.00029	15.9	.00106	.00055
%RSD	1.1754	25.634	1.2315	.64011	146.62
#1	2.4453	-.00086	1311.4	.16714	-.00099
#2	2.3914	-.00111	1285.7	.16501	.00007
#3	2.4032	-.00144	1282.3	.16619	-.00021
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L19EKT Acquired: 6/4/2010 11:42:43 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00085**	**.00515**	**.42530**	**.00121**	**.00361**
Stddev	.00050	.00310	.00682	.00089	.00013
%RSD	58.574	60.195	1.6026	74.202	3.5414
#1	.00027	.00665	.43317	.00057	.00374
#2	.00115	.00722	.42159	.00223	.00362
#3	.00111	.00159	.42114	.00082	.00348
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00000**	**-.00297**	**-.00050**	**.03810**
Stddev	.0002	.00128	.00008	.00110
%RSD	10019.	43.091	15.352	2.8810
#1	.00005	-.00190	-.00044	.03689
#2	-.00023	-.00263	-.00058	.03903
#3	.00017	-.00439	-.00047	.03839
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L19EKT Acquired: 6/4/2010 11:42:43 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2535.1**	**6324.0**	**90952.**	**15275.**
Stddev	5.0	6.8	293.	120.
%RSD	.19888	.10815	.32243	.78604
#1	2535.4	6325.0	90626.	15137.
#2	2540.0	6330.3	91037.	15333.
#3	2530.0	6316.7	91194.	15354.

Sample Name: L19ENT Acquired: 6/4/2010 11:47:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00053**	**-.00282**	**.00162**	**.03537**	**.26754**
Stddev	.00021	.00394	.00187	.00050	.00077
%RSD	38.675	140.02	115.41	1.4235	.28602
#1	.00067	-.00717	.00124	.03564	.26804
#2	.00030	-.00177	-.00003	.03479	.26792
#3	.00064	.00050	.00365	.03568	.26666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00022**	**1.7106**	**.04480**	**.04117**	**.00407**
Stddev	.00002	.0190	.00005	.00014	.00027
%RSD	8.6233	1.1080	.12010	.33474	6.5948
#1	-.00022	1.7195	.04474	.04133	.00403
#2	-.00024	1.7236	.04484	.04111	.00436
#3	-.00020	1.6889	.04483	.04108	.00382
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L19ENT Acquired: 6/4/2010 11:47:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00685**	**172.30**	**1.6024**	**.00335**	**.88945**
Stddev	.00214	2.19	.0235	.00039	.01350
%RSD	31.249	1.2721	1.4681	11.783	1.5174
#1	.00892	173.54	1.5864	.00353	.89500
#2	.00464	173.60	1.6294	.00289	.89929
#3	.00700	169.77	1.5915	.00362	.87407
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**12.495**	**-.00333**	F **1269.3**	**.23691**	**.00011**
Stddev	.060	.00018	4.4	.00100	.00119
%RSD	.47837	5.2547	.34733	.42154	1096.8
#1	12.534	-.00316	1274.3	.23795	.00046
#2	12.526	-.00351	1266.6	.23680	-.00122
#3	12.426	-.00333	1266.9	.23596	.00108
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			500.00		
Low Limit			-5.0000		

Sample Name: L19ENT Acquired: 6/4/2010 11:47:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00289**	**.00594**	**.74782**	**.00240**	**.02129**
Stddev	.00088	.00159	.00748	.00100	.00021
%RSD	30.431	26.761	1.0002	41.536	.97643
#1	-.00208	.00450	.75141	.00189	.02137
#2	-.00276	.00765	.75283	.00176	.02145
#3	-.00382	.00568	.73922	.00355	.02106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00125**	F **-.01079**	**-.00145**	F **28.984**
Stddev	.00257	.00146	.00021	.087
%RSD	205.26	13.546	14.574	.30000
#1	-.00008	-.01247	-.00163	29.020
#2	.00052	-.01007	-.00150	29.047
#3	-.00420	-.00982	-.00122	28.885
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit		5.0000		25.000
Low Limit		-.01000		-.02000

Sample Name: L19ENT Acquired: 6/4/2010 11:47:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2575.1**	**6422.7**	**92219.**	**15340.**
Stddev	5.6	12.0	424.	197.
%RSD	.21869	.18623	.46015	1.2846
#1	2569.5	6421.9	92702.	15215.
#2	2575.0	6411.2	91903.	15238.
#3	2580.7	6435.1	92053.	15567.

Sample Name: L2DVHBF Acquired: 6/4/2010 11:51:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00080**	**.00214**	**-.00274**	**-.00068**	**-.00086**
Stddev	.00037	.01193	.00138	.00043	.00012
%RSD	46.626	557.72	50.577	63.721	13.620
#1	-.00069	.00241	-.00400	-.00117	-.00090
#2	-.00122	.01393	-.00295	-.00036	-.00073
#3	-.00050	-.00992	-.00126	-.00050	-.00096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00034**	**-.00469**	**-.00001**	**-.00019**	**-.00027**
Stddev	.00005	.00208	.00002	.00004	.00018
%RSD	13.990	44.406	281.05	23.178	68.122
#1	-.00032	-.00242	-.00002	-.00015	-.00019
#2	-.00040	-.00515	.00001	-.00017	-.00048
#3	-.00031	-.00651	-.00001	-.00023	-.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVHBF Acquired: 6/4/2010 11:51:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**.00701**	**.34652**	**.00052**	**-.00869**
Stddev	.00129	.00079	.06310	.00177	.00919
%RSD	347.13	11.329	18.209	341.30	105.73
#1	.00087	.00624	.29522	.00063	-.00818
#2	-.00027	.00782	.32736	.00223	-.01812
#3	-.00171	.00698	.41697	-.00131	.00023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00020**	**-.00100**	**.87394**	**-.00008**	**-.00012**
Stddev	.00029	.00008	.02448	.00029	.00063
%RSD	145.00	7.6712	2.8016	355.47	506.14
#1	-.00009	-.00092	.90154	-.00018	-.00059
#2	.00002	-.00104	.86544	-.00031	.00059
#3	-.00052	-.00106	.85483	.00025	-.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVHBF Acquired: 6/4/2010 11:51:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00023**	**.00049**	**.02144**	**.00029**	**-.00042**
Stddev	.00064	.00073	.00496	.00056	.00005
%RSD	282.30	149.72	23.124	195.64	10.867
#1	.00009	.00004	.02598	-.00036	-.00046
#2	-.00033	.00009	.01615	.00057	-.00037
#3	.00092	.00133	.02220	.00065	-.00043
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00148**	**-.00050**	**-.00048**	**.00700**
Stddev	.00182	.00133	.00019	.00368
%RSD	122.68	264.27	39.345	52.573
#1	.00044	-.00044	-.00070	.00454
#2	-.00317	.00079	-.00037	.00524
#3	-.00171	-.00187	-.00038	.01124
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2DVHBF Acquired: 6/4/2010 11:51:41 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3026.8**	**6888.3**	**103130.**	**15170.**
Stddev	13.4	23.1	497.	62.
%RSD	.44402	.33496	.48207	.40919
#1	3012.8	6869.0	103190.	15143.
#2	3039.7	6913.9	103600.	15126.
#3	3027.8	6882.2	102610.	15241.

Sample Name: L2DVHCF Acquired: 6/4/2010 11:56:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04980**	**2.0934**	**2.0281**	**1.0073**	**2.0399**
Stddev	.00025	.0104	.0095	.0023	.0043
%RSD	.50729	.49423	.47087	.23129	.20947
#1	.04971	2.1047	2.0378	1.0093	2.0425
#2	.05009	2.0845	2.0280	1.0079	2.0350
#3	.04961	2.0911	2.0187	1.0048	2.0422
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05103**	F **.00443**	**.05025**	**.52566**	**.20507**
Stddev	.00016	.00159	.00009	.00035	.00014
%RSD	.30656	35.817	.18236	.06735	.06752
#1	.05121	.00421	.05032	.52573	.20514
#2	.05097	.00612	.05015	.52596	.20515
#3	.05092	.00297	.05029	.52527	.20491
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2DVHCF Acquired: 6/4/2010 11:56:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25431**	**1.0851**	F **.22957**	**1.0166**	F **-.00938**
Stddev	.00211	.0052	.10153	.0021	.00521
%RSD	.83027	.47712	44.227	.20572	55.618
#1	.25234	1.0829	.12575	1.0178	-.01425
#2	.25654	1.0815	.23432	1.0142	-.01000
#3	.25405	1.0911	.32865	1.0179	-.00388
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51957**	**1.0174**	F **.53591**	**.52553**	**.50424**
Stddev	.00063	.0010	.01674	.00081	.00150
%RSD	.12169	.10251	3.1244	.15401	.29790
#1	.51889	1.0181	.52879	.52632	.50589
#2	.52014	1.0178	.52390	.52558	.50296
#3	.51969	1.0162	.55504	.52470	.50387
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit			60.000		
Low Limit			40.000		

Sample Name: L2DVHCF Acquired: 6/4/2010 11:56:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51097**	**2.0036**	**9.7670**	**2.0124**	**1.0299**
Stddev	.00104	.0047	.0176	.0017	.0021
%RSD	.20300	.23566	.18071	.08244	.20076
#1	.51195	2.0069	9.7862	2.0141	1.0322
#2	.51107	2.0058	9.7514	2.0122	1.0285
#3	.50988	1.9982	9.7636	2.0108	1.0288
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**1.0119**	**2.0100**	**.51225**	**.51197**
Stddev	.0018	.0079	.00187	.00135
%RSD	.17542	.39119	.36431	.26435
#1	1.0138	2.0187	.51049	.51354
#2	1.0102	2.0082	.51206	.51121
#3	1.0118	2.0033	.51420	.51117
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2DVHCF Acquired: 6/4/2010 11:56:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3002.3**	**6838.0**	**102540.**	**15214.**
Stddev	14.6	34.2	552.	52.
%RSD	.48583	.50087	.53869	.33983
#1	2985.4	6798.5	103130.	15159.
#2	3010.0	6855.9	102470.	15222.
#3	3011.4	6859.5	102030.	15262.

Sample Name: L1796F Acquired: 6/4/2010 12:00:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00068**	**.01091**	**.00141**	**.00927**	**.09813**
Stddev	.00045	.01176	.00195	.00063	.00029
%RSD	65.685	107.80	138.30	6.8333	.29202
#1	-.00119	.00309	-.00039	.01000	.09801
#2	-.00052	.02443	.00349	.00888	.09791
#3	-.00034	.00521	.00114	.00894	.09845
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00027**	**30.850**	**-.00006**	**-.00014**	**.00000**
Stddev	.00003	.151	.00006	.00016	.0001
%RSD	11.950	.48941	92.405	115.37	3654.5
#1	-.00024	30.685	.00000	-.00010	.00011
#2	-.00031	30.886	-.00007	.00000	-.00008
#3	-.00028	30.980	-.00012	-.00031	-.00004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1796F Acquired: 6/4/2010 12:00:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00033**	**.01006**	**1.2819**	**.00094**	**17.219**
Stddev	.00222	.00124	.0575	.00165	.055
%RSD	679.48	12.319	4.4878	175.02	.31753
#1	.00025	.00958	1.2173	-.00010	17.178
#2	-.00185	.00914	1.3276	.00008	17.197
#3	.00259	.01147	1.3007	.00285	17.281
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00105**	**-.00010**	**2.2562**	**.00003**	**.00047**
Stddev	.00067	.00032	.0087	.00021	.00058
%RSD	63.719	317.67	.38367	836.82	123.90
#1	.00176	.00025	2.2463	.00008	.00010
#2	.00044	-.00017	2.2606	-.00021	.00114
#3	.00094	-.00037	2.2619	.00021	.00017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1796F Acquired: 6/4/2010 12:00:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00030**	**.00004**	**5.3830**	**.00038**	**.05977**
Stddev	.00058	.00165	.0295	.00065	.00027
%RSD	192.96	4287.0	.54792	171.23	.44479
#1	-.00020	.00091	5.3495	-.00008	.05954
#2	.00016	-.00186	5.4052	.00112	.05971
#3	.00093	.00107	5.3942	.00010	.06006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00055**	**-.00057**	**.00013**	**.00172**
Stddev	.00186	.00075	.00035	.00015
%RSD	339.79	133.27	278.06	8.7286
#1	-.00018	-.00068	.00029	.00168
#2	-.00256	-.00125	.00036	.00189
#3	.00110	.00024	-.00028	.00159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L1796F Acquired: 6/4/2010 12:00:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2929.4**	**6724.2**	**100730.**	**14979.**
Stddev	21.7	52.2	415.	20.
%RSD	.74178	.77562	.41219	.13133
#1	2910.1	6678.5	101210.	14982.
#2	2952.9	6781.0	100550.	14958.
#3	2925.2	6713.1	100440.	14998.

Sample Name: L1798F Acquired: 6/4/2010 12:04:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00003**	**.00504**	**-.00089**	**.01774**	**.11287**
Stddev	.00017	.01300	.00152	.00051	.00036
%RSD	525.95	257.80	170.59	2.8883	.32102
#1	-.00003	.01926	.00076	.01799	.11261
#2	.00023	.00208	-.00121	.01808	.11329
#3	-.00010	-.00622	-.00224	.01715	.11272
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**31.716**	**.00004**	**-.00007**	**.00060**
Stddev	.00001	.053	.00003	.00027	.00039
%RSD	3.1456	.16740	73.738	415.85	64.517
#1	-.00032	31.758	.00007	.00016	.00042
#2	-.00034	31.733	.00004	.00001	.00104
#3	-.00032	31.656	.00001	-.00037	.00034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1798F Acquired: 6/4/2010 12:04:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00144**	**.00366**	**2.2039**	**.00021**	**17.302**
Stddev	.00152	.00161	.0558	.00120	.052
%RSD	105.38	44.011	2.5338	574.60	.30313
#1	.00140	.00510	2.2541	-.00092	17.363
#2	-.00005	.00192	2.1438	.00146	17.269
#3	.00298	.00395	2.2136	.00008	17.274
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**-.00062**	**9.1966**	**.00063**	**.00042**
Stddev	.00025	.00029	.0202	.00045	.00190
%RSD	71.079	46.778	.21949	72.121	457.39
#1	-.00043	-.00037	9.2037	.00092	-.00106
#2	-.00056	-.00094	9.2124	.00085	-.00026
#3	-.00007	-.00056	9.1739	.00011	.00256
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1798F Acquired: 6/4/2010 12:04:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00188**	**.00041**	**4.7289**	**.00022**	**.05916**
Stddev	.00086	.00112	.0091	.00029	.00016
%RSD	45.901	270.27	.19269	133.43	.26995
#1	.00274	.00002	4.7337	.00041	.05925
#2	.00186	.00168	4.7345	-.00012	.05898
#3	.00102	-.00045	4.7184	.00037	.05925
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00058**	**-.00175**	**.00003**	**.00540**
Stddev	.00316	.00039	.00007	.00002
%RSD	543.79	22.013	206.73	.40227
#1	.00251	-.00194	-.00002	.00542
#2	-.00307	-.00131	.00001	.00539
#3	.00230	-.00201	.00011	.00538
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L1798F Acquired: 6/4/2010 12:04:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2944.1**	**6800.8**	**101280.**	**15202.**
Stddev	20.4	41.8	570.	83.
%RSD	.69333	.61463	.56242	.54422
#1	2930.9	6778.0	101770.	15113.
#2	2967.6	6849.0	101420.	15216.
#3	2933.9	6775.3	100660.	15277.

Sample Name: L179VF Acquired: 6/4/2010 12:08:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**.00542**	**-.00124**	**.01712**	**.11244**
Stddev	.00049	.00483	.00131	.00030	.00010
%RSD	153.27	89.230	105.98	1.7764	.09124
#1	.00024	.00954	-.00088	.01678	.11235
#2	-.00057	.00010	-.00014	.01737	.11244
#3	-.00064	.00661	-.00270	.01722	.11255
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00038**	**31.409**	**.00001**	**-.00016**	**.00072**
Stddev	.00003	.181	.00005	.00021	.00012
%RSD	8.6361	.57723	476.05	133.58	16.817
#1	-.00039	31.607	.00006	-.00006	.00081
#2	-.00035	31.252	-.00004	-.00040	.00058
#3	-.00041	31.368	.00001	-.00001	.00076
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VF Acquired: 6/4/2010 12:08:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00012**	**.00415**	**2.0201**	**.00216**	**17.283**
Stddev	.00127	.00156	.0693	.00144	.013
%RSD	1049.9	37.565	3.4291	66.840	.07773
#1	.00120	.00247	1.9853	.00320	17.293
#2	.00044	.00442	1.9751	.00051	17.289
#3	-.00128	.00556	2.0998	.00277	17.268
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00039**	**-.00063**	**9.0944**	**.00066**	**.00059**
Stddev	.00031	.00002	.0328	.00081	.00102
%RSD	79.389	2.6548	.36114	121.65	174.86
#1	-.00005	-.00064	9.1247	.00157	.00142
#2	-.00045	-.00061	9.0595	.00002	-.00056
#3	-.00067	-.00065	9.0990	.00040	.00089
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VF Acquired: 6/4/2010 12:08:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00111**	**.00087**	**4.7050**	**.00027**	**.05839**
Stddev	.00106	.00138	.0113	.00030	.00036
%RSD	96.075	159.15	.24014	110.60	.61589
#1	.00186	-.00047	4.7181	.00003	.05879
#2	.00157	.00078	4.6990	.00061	.05808
#3	-.00011	.00229	4.6980	.00018	.05831
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00039**	**-.00087**	**.00021**	**.00323**
Stddev	.00210	.00133	.00020	.00016
%RSD	532.61	151.82	96.064	5.0179
#1	-.00061	.00044	.00013	.00311
#2	-.00102	-.00084	.00006	.00318
#3	.00281	-.00221	.00044	.00342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L179VF Acquired: 6/4/2010 12:08:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2925.1**	**6761.9**	**100810.**	**15187.**
Stddev	13.1	39.2	898.	72.
%RSD	.44715	.57997	.89078	.47512
#1	2917.4	6735.0	101680.	15110.
#2	2940.2	6806.9	100850.	15252.
#3	2917.8	6743.7	99890.	15199.

Sample Name: CCV1-3 Acquired: 6/4/2010 12:13:20 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0028**	**25.691**	**.54168**	**2.0453**	**1.9964**
Stddev	.0006	.082	.00155	.0056	.0020
%RSD	.06244	.31917	.28602	.27236	.09808
#1	1.0034	25.697	.53991	2.0395	1.9941
#2	1.0022	25.606	.54233	2.0459	1.9976
#3	1.0027	25.770	.54280	2.0506	1.9974
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0560**	**51.759**	**.48722**	**2.0883**	**2.0123**
Stddev	.0025	.099	.00080	.0034	.0068
%RSD	.12359	.19078	.16405	.16474	.33942
#1	2.0584	51.796	.48789	2.0910	2.0047
#2	2.0533	51.647	.48743	2.0895	2.0146
#3	2.0563	51.833	.48634	2.0844	2.0178
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-3 Acquired: 6/4/2010 12:13:20 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9780**	**25.742**	**127.11**	**2.0295**	**51.213**
Stddev	.0079	.016	.51	.0032	.094
%RSD	.39812	.06031	.39793	.15567	.18431
#1	1.9762	25.729	127.10	2.0265	51.299
#2	1.9712	25.738	126.61	2.0290	51.112
#3	1.9866	25.759	127.62	2.0328	51.228
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9781**	**2.0098**	**126.85**	**2.0836**	**.50791**
Stddev	.0035	.0011	.06	.0023	.00232
%RSD	.17592	.05627	.04862	.10861	.45712
#1	1.9790	2.0111	126.86	2.0860	.50973
#2	1.9811	2.0093	126.78	2.0832	.50870
#3	1.9743	2.0089	126.91	2.0815	.50529
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-3 Acquired: 6/4/2010 12:13:20 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50860**	**.51649**	**1.9919**	**1.9603**	**2.0249**
Stddev	.00248	.00271	.0083	.0023	.0062
%RSD	.48824	.52470	.41555	.11899	.30684
#1	.50825	.51541	1.9936	1.9591	2.0260
#2	.51124	.51450	1.9829	1.9630	2.0182
#3	.50631	.51958	1.9992	1.9588	2.0305
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0299**	**1.0077**	**2.0512**	**2.0114**
Stddev	.0109	.0044	.0029	.0045
%RSD	.53618	.43569	.14354	.22512
#1	2.0359	1.0031	2.0479	2.0078
#2	2.0173	1.0119	2.0522	2.0164
#3	2.0364	1.0081	2.0535	2.0099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-3 Acquired: 6/4/2010 12:13:20 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2723.9**	**6551.1**	**95780.**	**14707.**
Stddev	13.3	30.5	995.	19.
%RSD	.48836	.46488	1.0390	.12634
#1	2721.7	6546.5	96911.	14718.
#2	2711.9	6523.2	95393.	14685.
#3	2738.2	6583.6	95037.	14717.

Sample Name: CCB3 Acquired: 6/4/2010 12:17:29 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00067**	**.02200**	**.00001**	**.00089**	**.00030**
Stddev	.00024	.00071	.00212	.00058	.00019
%RSD	35.521	3.2090	15878.	65.611	64.053
#1	-.00063	.02128	-.00222	.00156	.00023
#2	-.00093	.02269	.00199	.00052	.00052
#3	-.00045	.02203	.00028	.00058	.00016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00005**	**.01922**	**.00006**	**.00016**	**.00009**
Stddev	.00001	.00073	.00006	.00010	.00021
%RSD	27.305	3.7997	88.675	60.406	236.88
#1	.00004	.01848	.00010	.00023	.00002
#2	.00005	.01924	.00000	.00020	-.00008
#3	.00006	.01994	.00009	.00005	.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB3 Acquired: 6/4/2010 12:17:29 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00014**	**.00720**	**.04284**	**-.00009**	**.02536**
Stddev	.00057	.00117	.00953	.00044	.01894
%RSD	413.39	16.313	22.236	486.23	74.669
#1	-.00037	.00829	.04518	-.00031	.02615
#2	.00003	.00595	.03236	-.00037	.00604
#3	.00076	.00734	.05098	.00041	.04390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00010**	**.00123**	**.26427**	**.00046**	**-.00004**
Stddev	.00017	.00062	.00616	.00011	.00082
%RSD	170.03	50.167	2.3321	24.102	1934.9
#1	-.00024	.00190	.25924	.00040	-.00028
#2	-.00016	.00114	.27115	.00059	-.00072
#3	.00009	.00067	.26242	.00039	.00087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB3 Acquired: 6/4/2010 12:17:29 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00154**	**.00007**	**.00136**	**.00047**	**.00004**
Stddev	.00104	.00090	.00180	.00016	.00011
%RSD	67.401	1358.0	132.78	34.352	256.05
#1	.00266	.00091	.00321	.00064	-.00005
#2	.00061	-.00089	-.00039	.00033	.00016
#3	.00136	.00018	.00126	.00043	.00002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00050**	**-.00024**	**.00020**	**.00020**
Stddev	.00188	.00164	.00019	.00002
%RSD	376.74	673.60	97.807	8.0620
#1	-.00245	-.00019	-.00001	.00020
#2	-.00036	.00137	.00038	.00022
#3	.00131	-.00191	.00023	.00018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB3 Acquired: 6/4/2010 12:17:29 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3018.2**	**6864.5**	**101640.**	**14964.**
Stddev	2.8	3.3	165.	72.
%RSD	.09260	.04737	.16277	.47865
#1	3015.0	6860.8	101500.	14921.
#2	3019.5	6867.0	101820.	14924.
#3	3020.1	6865.6	101580.	15046.

Sample Name: L179VP5F Acquired: 6/4/2010 12:21:56 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00020**	**.00004**	**-.00162**	**.00331**	**.02135**
Stddev	.00026	.00216	.00081	.00030	.00028
%RSD	130.79	5559.1	49.783	9.0642	1.3232
#1	-.00038	-.00110	-.00242	.00357	.02157
#2	-.00031	-.00132	-.00080	.00298	.02146
#3	.00010	.00253	-.00165	.00339	.02103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00030**	**6.1309**	**.00003**	**.00012**	**.00009**
Stddev	.00001	.0205	.00004	.00015	.00022
%RSD	3.8505	.33402	140.19	123.05	246.81
#1	-.00029	6.1446	.00001	.00030	.00027
#2	-.00030	6.1073	.00000	.00002	.00016
#3	-.00031	6.1406	.00008	.00005	-.00016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VP5F Acquired: 6/4/2010 12:21:56 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00034**	**-.00045**	**.43032**	**-.00094**	**3.3904**
Stddev	.00107	.00142	.06345	.00107	.0129
%RSD	315.86	316.94	14.745	113.27	.38060
#1	-.00040	.00082	.40922	.00015	3.3780
#2	-.00015	-.00198	.50163	-.00199	3.4037
#3	.00156	-.00019	.38011	-.00099	3.3895
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00075**	**-.00027**	**1.8905**	**.00040**	**-.00008**
Stddev	.00062	.00020	.0041	.00007	.00024
%RSD	82.507	75.738	.21637	17.411	289.09
#1	-.00040	-.00019	1.8868	.00046	.00018
#2	-.00147	-.00012	1.8949	.00032	-.00014
#3	-.00039	-.00050	1.8897	.00042	-.00029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VP5F Acquired: 6/4/2010 12:21:56 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00061**	**-.00049**	**.90397**	**.00036**	**.01094**
Stddev	.00074	.00092	.00102	.00058	.00001
%RSD	121.88	187.56	.11315	159.40	.13327
#1	.00120	.00046	.90367	-.00009	.01096
#2	.00084	-.00139	.90510	.00102	.01093
#3	-.00022	-.00055	.90312	.00016	.01094
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00029**	**-.00075**	**.00001**	**.00174**
Stddev	.00246	.00055	.00004	.00008
%RSD	845.71	72.591	489.92	4.5616
#1	.00047	-.00031	-.00003	.00166
#2	-.00225	-.00058	.00002	.00173
#3	.00265	-.00136	.00004	.00182
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L179VP5F Acquired: 6/4/2010 12:21:56 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3002.2**	**6841.0**	**100890.**	**15247.**
Stddev	2.8	9.1	214.	8.
%RSD	.09180	.13276	.21165	.05034
#1	2999.1	6830.6	100960.	15239.
#2	3003.3	6847.3	101060.	15247.
#3	3004.2	6845.2	100650.	15255.

Sample Name: L179VSF Acquired: 6/4/2010 12:26:21 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05092**	**2.1470**	**2.1187**	**1.0691**	**2.1985**
Stddev	.00056	.0244	.0031	.0009	.0099
%RSD	1.0907	1.1372	.14430	.08093	.45127
#1	.05120	2.1190	2.1213	1.0682	2.1871
#2	.05028	2.1638	2.1195	1.0699	2.2034
#3	.05128	2.1581	2.1153	1.0693	2.2050
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05265**	**31.526**	**.05097**	**.53411**	**.21090**
Stddev	.00037	.215	.00003	.00063	.00015
%RSD	.69831	.68259	.06546	.11803	.07034
#1	.05223	31.280	.05097	.53364	.21101
#2	.05281	31.682	.05093	.53388	.21096
#3	.05292	31.615	.05100	.53483	.21073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VSF Acquired: 6/4/2010 12:26:21 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25628**	**1.1033**	**2.0345**	**1.0472**	**17.151**
Stddev	.00461	.0117	.0274	.0067	.085
%RSD	1.7985	1.0628	1.3466	.63972	.49389
#1	.25402	1.0916	2.0420	1.0398	17.054
#2	.26158	1.1150	2.0574	1.0530	17.207
#3	.25324	1.1034	2.0042	1.0487	17.193
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.52275**	**1.0415**	**9.0214**	**.53244**	**.51844**
Stddev	.00069	.0011	.0573	.00096	.00074
%RSD	.13231	.10869	.63480	.18077	.14199
#1	.52203	1.0414	8.9604	.53208	.51772
#2	.52282	1.0427	9.0741	.53170	.51919
#3	.52340	1.0404	9.0295	.53353	.51842
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VSF Acquired: 6/4/2010 12:26:21 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.52517**	**2.0567**	**14.601**	**2.0504**	**1.1149**
Stddev	.00057	.0053	.097	.0022	.0094
%RSD	.10874	.25745	.66320	.10911	.84185
#1	.52494	2.0552	14.493	2.0486	1.1044
#2	.52582	2.0626	14.631	2.0529	1.1224
#3	.52475	2.0524	14.679	2.0496	1.1181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**1.0366**	**2.0878**	**.53254**	**.52341**
Stddev	.0032	.0046	.00116	.00142
%RSD	.30902	.22107	.21839	.27131
#1	1.0332	2.0828	.53256	.52182
#2	1.0396	2.0887	.53137	.52457
#3	1.0370	2.0919	.53370	.52384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L179VSF Acquired: 6/4/2010 12:26:21 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2904.1**	**6710.4**	**99872.**	**14965.**
Stddev	12.5	34.4	596.	142.
%RSD	.43074	.51262	.59701	.95000
#1	2891.0	6678.7	99454.	15128.
#2	2905.5	6705.6	100560.	14868.
#3	2915.9	6747.0	99608.	14898.

Sample Name: L179VDF Acquired: 6/4/2010 12:30:27 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05019**	**2.1207**	**2.0817**	**1.0453**	**2.1680**
Stddev	.00037	.0135	.0035	.0001	.0016
%RSD	.72865	.63511	.16923	.01181	.07218
#1	.05022	2.1358	2.0776	1.0453	2.1693
#2	.05054	2.1098	2.0835	1.0454	2.1663
#3	.04981	2.1165	2.0839	1.0451	2.1683
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05186**	**31.096**	**.05020**	**.52731**	**.20706**
Stddev	.00015	.113	.00013	.00067	.00048
%RSD	.28543	.36392	.25780	.12639	.23296
#1	.05202	31.194	.05028	.52780	.20738
#2	.05183	31.121	.05005	.52759	.20730
#3	.05172	30.972	.05025	.52655	.20651
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VDF Acquired: 6/4/2010 12:30:27 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25039**	**1.0895**	**1.9809**	**1.0290**	**16.956**
Stddev	.00263	.0013	.1320	.0042	.028
%RSD	1.0512	.12235	6.6648	.41009	.16239
#1	.25179	1.0892	1.9971	1.0335	16.952
#2	.25203	1.0910	2.1041	1.0285	16.986
#3	.24735	1.0883	1.8416	1.0251	16.931
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51589**	**1.0171**	**8.8697**	**.52549**	**.51179**
Stddev	.00069	.0007	.0100	.00117	.00066
%RSD	.13352	.07030	.11269	.22291	.12927
#1	.51620	1.0174	8.8804	.52673	.51233
#2	.51636	1.0163	8.8606	.52440	.51199
#3	.51510	1.0177	8.8680	.52534	.51105
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L179VDF Acquired: 6/4/2010 12:30:27 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50822**	**2.0249**	**14.333**	**2.0010**	**1.0975**
Stddev	.00288	.0017	.013	.0020	.0023
%RSD	.56728	.08522	.09026	.09904	.20550
#1	.51155	2.0261	14.338	1.9998	1.1001
#2	.50667	2.0230	14.343	1.9999	1.0959
#3	.50644	2.0257	14.319	2.0033	1.0966
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**1.0112**	**2.0447**	**.52368**	**.51058**
Stddev	.0042	.0059	.00053	.00138
%RSD	.41978	.29059	.10047	.27023
#1	1.0160	2.0515	.52353	.51172
#2	1.0098	2.0421	.52325	.50905
#3	1.0078	2.0405	.52427	.51098
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L179VDF Acquired: 6/4/2010 12:30:27 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2932.4**	**6796.7**	**100690.**	**15333.**
Stddev	18.7	44.6	282.	55.
%RSD	.63659	.65689	.27957	.35630
#1	2921.8	6774.5	100720.	15285.
#2	2954.0	6848.1	100960.	15323.
#3	2921.6	6767.6	100400.	15393.

Sample Name: L1839F Acquired: 6/4/2010 12:34:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**.00999**	**.00098**	**.03172**	**.06748**
Stddev	.00019	.01192	.00147	.00053	.00008
%RSD	53.027	119.34	150.43	1.6563	.11204
#1	-.00036	.01658	-.00049	.03210	.06753
#2	-.00017	.01715	.00097	.03112	.06739
#3	-.00055	-.00377	.00245	.03194	.06751
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00034**	**17.923**	**.00000**	**.00021**	**.00063**
Stddev	.00003	.028	.00005	.00012	.00002
%RSD	9.0386	.15719	1418.3	57.176	3.2295
#1	-.00031	17.956	.00001	.00034	.00065
#2	-.00037	17.905	-.00005	.00019	.00062
#3	-.00034	17.909	.00005	.00010	.00062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1839F Acquired: 6/4/2010 12:34:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00234**	**.02186**	**3.0250**	**-.00070**	**6.5082**
Stddev	.00419	.00158	.0284	.00045	.0172
%RSD	179.54	7.2408	.93828	63.254	.26434
#1	.00602	.02352	3.0306	-.00026	6.5281
#2	-.00223	.02169	2.9942	-.00115	6.4978
#3	.00321	.02037	3.0501	-.00070	6.4987
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04191**	**.00649**	**15.752**	**.00145**	**.00004**
Stddev	.00032	.00020	.020	.00045	.00130
%RSD	.75230	3.1177	.12626	30.737	3052.0
#1	.04205	.00664	15.771	.00117	.00135
#2	.04155	.00657	15.731	.00196	-.00126
#3	.04212	.00626	15.753	.00122	.00005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L1839F Acquired: 6/4/2010 12:34:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00076**	**-.00040**	**2.2800**	**.00053**	**.05378**
Stddev	.00068	.00166	.0015	.00013	.00017
%RSD	89.762	414.58	.06582	25.144	.31235
#1	.00107	.00033	2.2794	.00039	.05397
#2	-.00002	.00077	2.2817	.00066	.05367
#3	.00123	-.00230	2.2789	.00054	.05370
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00050**	**.00057**	**.00118**	**.00927**
Stddev	.00005	.00180	.00023	.00012
%RSD	10.668	318.46	19.778	1.3247
#1	.00045	-.00128	.00105	.00941
#2	.00056	.00064	.00145	.00922
#3	.00050	.00233	.00104	.00918
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L1839F Acquired: 6/4/2010 12:34:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2967.9**	**6780.2**	**100880.**	**15116.**
Stddev	8.5	15.0	242.	137.
%RSD	.28568	.22190	.23943	.90435
#1	2960.2	6766.6	100820.	14963.
#2	2977.0	6796.4	100670.	15158.
#3	2966.6	6777.6	101140.	15226.

Sample Name: L184NF Acquired: 6/4/2010 12:38:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00038**	**.00761**	**-.00201**	**.01855**	**.06216**
Stddev	.00022	.00919	.00160	.00032	.00041
%RSD	58.732	120.68	79.710	1.7011	.65541
#1	-.00062	.01734	-.00068	.01861	.06263
#2	-.00018	.00642	-.00156	.01884	.06197
#3	-.00034	-.00092	-.00379	.01821	.06188
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**15.324**	**-.00002**	**-.00010**	**.00049**
Stddev	.00003	.025	.00004	.00004	.00014
%RSD	7.3379	.16423	246.85	42.232	28.547
#1	-.00039	15.348	-.00004	-.00014	.00060
#2	-.00034	15.326	-.00004	-.00009	.00054
#3	-.00036	15.297	.00003	-.00006	.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184NF Acquired: 6/4/2010 12:38:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00296**	**.02303**	**2.6136**	**.00020**	**5.3862**
Stddev	.00187	.00029	.0845	.00135	.0559
%RSD	63.217	1.2636	3.2325	675.46	1.0376
#1	.00102	.02323	2.6788	-.00084	5.4478
#2	.00309	.02316	2.6437	-.00029	5.3721
#3	.00476	.02270	2.5181	.00172	5.3388
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00396**	**.00005**	**12.371**	**.00101**	**.00036**
Stddev	.00013	.00028	.017	.00013	.00066
%RSD	3.2447	548.30	.14048	13.340	183.79
#1	.00383	.00023	12.362	.00086	-.00017
#2	.00396	.00019	12.391	.00106	.00109
#3	.00408	-.00027	12.360	.00111	.00015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184NF Acquired: 6/4/2010 12:38:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00119**	**.00183**	**2.0521**	**.00068**	**.04882**
Stddev	.00110	.00162	.0061	.00066	.00009
%RSD	93.055	88.336	.29667	97.228	.18203
#1	.00246	.00365	2.0585	.00114	.04886
#2	.00050	.00056	2.0464	.00098	.04888
#3	.00060	.00128	2.0513	-.00008	.04872
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00049**	**-.00042**	**.00083**	**.00806**
Stddev	.00063	.00111	.00019	.00011
%RSD	128.57	266.07	23.002	1.3448
#1	.00056	-.00071	.00099	.00813
#2	-.00017	-.00135	.00087	.00812
#3	.00109	.00081	.00062	.00794
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L184NF Acquired: 6/4/2010 12:38:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2971.4**	**6760.5**	**101460.**	**14881.**
Stddev	31.3	69.1	893.	14.
%RSD	1.0520	1.0219	.88020	.09119
#1	2961.7	6733.6	101830.	14896.
#2	2946.2	6709.0	102110.	14869.
#3	3006.4	6839.0	100440.	14878.

Sample Name: L184PF Acquired: 6/4/2010 12:43:17 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00103**	**.01284**	**-.00077**	**.01934**	**.06392**
Stddev	.00011	.00747	.00170	.00040	.00040
%RSD	10.915	58.172	220.72	2.0734	.62820
#1	-.00101	.01848	-.00038	.01955	.06438
#2	-.00093	.01567	-.00264	.01960	.06373
#3	-.00116	.00437	.00070	.01888	.06365
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00033**	**16.176**	**-.00005**	**.00006**	**-.00014**
Stddev	.00003	.077	.00007	.00019	.00015
%RSD	8.9514	.47674	128.66	290.71	107.06
#1	-.00036	16.265	-.00013	-.00003	-.00012
#2	-.00030	16.131	-.00005	-.00006	.00000
#3	-.00033	16.132	.00001	.00028	-.00030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184PF Acquired: 6/4/2010 12:43:17 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00306**	**.03352**	**2.7208**	**-.00004**	**5.7168**
Stddev	.00151	.00122	.0726	.00034	.0101
%RSD	49.346	3.6503	2.6676	854.23	.17636
#1	.00249	.03492	2.7658	-.00043	5.7274
#2	.00477	.03291	2.6371	.00016	5.7073
#3	.00192	.03271	2.7596	.00015	5.7157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00420**	**-.00005**	**13.032**	**.00102**	**-.00036**
Stddev	.00037	.00026	.046	.00037	.00031
%RSD	8.9275	521.65	.35021	36.357	85.268
#1	.00382	-.00021	13.084	.00080	-.00016
#2	.00421	-.00018	13.015	.00145	-.00072
#3	.00456	.00025	12.997	.00081	-.00021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184PF Acquired: 6/4/2010 12:43:17 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00012**	**-.00019**	**2.2561**	**.00007**	**.05088**
Stddev	.00114	.00370	.0094	.00069	.00030
%RSD	993.53	1919.5	.41790	1016.2	.58437
#1	.00108	-.00094	2.2559	-.00024	.05121
#2	-.00120	.00383	2.2467	.00085	.05081
#3	-.00023	-.00346	2.2656	-.00041	.05063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00008**	**-.00172**	**.00096**	**.00427**
Stddev	.00124	.00148	.00022	.00005
%RSD	1477.9	85.966	23.447	1.0763
#1	-.00113	-.00001	.00121	.00424
#2	-.00041	-.00249	.00080	.00432
#3	.00129	-.00264	.00086	.00425
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L184PF Acquired: 6/4/2010 12:43:17 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2988.7**	**6837.6**	**101520.**	**15288.**
Stddev	20.6	40.3	494.	25.
%RSD	.68765	.58963	.48699	.16570
#1	2967.3	6794.8	101680.	15267.
#2	3008.3	6874.9	101920.	15282.
#3	2990.5	6843.1	100970.	15316.

Sample Name: L184QF Acquired: 6/4/2010 12:47:40 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00033**	**.00902**	**.00005**	**.01927**	**.06396**
Stddev	.00042	.00711	.00174	.00036	.00015
%RSD	128.95	78.808	3441.6	1.8664	.23738
#1	-.00014	.00115	.00165	.01964	.06413
#2	-.00082	.01093	.00030	.01892	.06388
#3	-.00003	.01498	-.00180	.01924	.06386
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**16.432**	**-.00005**	**-.00008**	**.00065**
Stddev	.00007	.084	.00003	.00004	.00047
%RSD	19.097	.51037	48.043	45.321	72.895
#1	-.00039	16.521	-.00003	-.00004	.00088
#2	-.00042	16.354	-.00008	-.00011	.00010
#3	-.00029	16.421	-.00004	-.00007	.00096
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184QF Acquired: 6/4/2010 12:47:40 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00106**	**.02251**	**2.5448**	**-.00110**	**5.8342**
Stddev	.00075	.00140	.0486	.00033	.0417
%RSD	70.812	6.2126	1.9079	29.826	.71495
#1	.00031	.02141	2.5997	-.00103	5.8746
#2	.00107	.02409	2.5275	-.00146	5.7913
#3	.00181	.02204	2.5073	-.00082	5.8366
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00964**	**-.00001**	**12.666**	**.00017**	**-.00011**
Stddev	.00045	.00016	.080	.00049	.00056
%RSD	4.6190	1083.0	.62902	285.76	499.93
#1	.00983	.00010	12.754	.00062	-.00065
#2	.00996	-.00019	12.600	.00024	-.00016
#3	.00913	.00004	12.644	-.00035	.00048
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184QF Acquired: 6/4/2010 12:47:40 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00151**	**.00218**	**2.3387**	**-.00011**	**.05164**
Stddev	.00096	.00081	.0112	.00020	.00021
%RSD	63.778	37.038	.47895	183.06	.40143
#1	.00174	.00129	2.3432	-.00023	.05177
#2	.00233	.00286	2.3260	.00012	.05140
#3	.00045	.00239	2.3470	-.00022	.05176
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00095**	**-.00115**	**.00077**	**.00422**
Stddev	.00071	.00071	.00033	.00010
%RSD	73.846	61.257	43.191	2.2764
#1	.00169	-.00112	.00051	.00423
#2	.00089	-.00187	.00066	.00412
#3	.00028	-.00046	.00114	.00431
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L184QF Acquired: 6/4/2010 12:47:40 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2984.6**	**6814.5**	**100840.**	**15277.**
Stddev	14.6	27.6	324.	112.
%RSD	.48922	.40522	.32094	.73241
#1	2968.5	6784.7	101100.	15156.
#2	2997.0	6839.3	100940.	15376.
#3	2988.2	6819.5	100480.	15298.

Sample Name: L184TF Acquired: 6/4/2010 12:52:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00028**	**.01751**	**.00044**	**.01674**	**.06132**
Stddev	.00058	.00863	.00296	.00016	.00066
%RSD	209.22	49.296	679.28	.94152	1.0746
#1	-.00077	.01391	-.00281	.01672	.06208
#2	.00036	.01127	.00114	.01659	.06087
#3	-.00043	.02736	.00298	.01690	.06102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00030**	**15.194**	**-.00002**	**.00002**	**.00016**
Stddev	.00006	.071	.00008	.00018	.00009
%RSD	20.635	.46759	474.85	873.02	51.966
#1	-.00031	15.226	-.00004	.00002	.00011
#2	-.00035	15.243	-.00008	-.00016	.00012
#3	-.00023	15.113	.00007	.00021	.00026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184TF Acquired: 6/4/2010 12:52:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00224**	**.02673**	**2.5472**	**-.00097**	**5.3407**
Stddev	.00111	.00084	.0402	.00055	.0351
%RSD	49.582	3.1545	1.5787	56.581	.65777
#1	.00342	.02751	2.5121	-.00101	5.3297
#2	.00207	.02686	2.5385	-.00040	5.3799
#3	.00122	.02583	2.5911	-.00149	5.3123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00405**	**-.00027**	**12.238**	**.00087**	**-.00078**
Stddev	.00026	.00014	.053	.00015	.00021
%RSD	6.5298	52.980	.43113	16.821	27.207
#1	.00385	-.00039	12.250	.00080	-.00059
#2	.00394	-.00030	12.283	.00077	-.00073
#3	.00435	-.00011	12.180	.00104	-.00101
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L184TF Acquired: 6/4/2010 12:52:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00082**	**-.00044**	**2.0319**	**.00001**	**.04818**
Stddev	.00102	.00025	.0019	.00017	.00016
%RSD	123.46	56.118	.09205	1770.9	.33598
#1	.00142	-.00021	2.0322	.00006	.04833
#2	.00140	-.00042	2.0336	-.00017	.04821
#3	-.00035	-.00070	2.0299	.00015	.04801
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00197**	**-.00252**	**.00069**	**.04852**
Stddev	.00096	.00087	.00028	.00021
%RSD	48.707	34.569	40.551	.44167
#1	.00297	-.00163	.00100	.04828
#2	.00105	-.00337	.00056	.04868
#3	.00191	-.00255	.00049	.04861
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L184TF Acquired: 6/4/2010 12:52:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2985.6**	**6797.6**	**101440.**	**14877.**
Stddev	11.6	23.2	121.	185.
%RSD	.38735	.34059	.11897	1.2439
#1	2972.7	6771.3	101460.	14699.
#2	2988.8	6814.6	101310.	14863.
#3	2995.2	6807.0	101550.	15069.

Sample Name: L18AAF Acquired: 6/4/2010 12:56:25 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00098**	**-.00243**	**-.00113**	**-.00217**	**-.00088**
Stddev	.00032	.01824	.00191	.00032	.00023
%RSD	32.342	749.80	168.80	14.850	25.698
#1	-.00120	-.01273	-.00238	-.00249	-.00088
#2	-.00062	-.01319	-.00207	-.00185	-.00066
#3	-.00112	.01862	.00107	-.00216	-.00111
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**.00841**	**.00001**	**-.00021**	**.00010**
Stddev	.00005	.00208	.00004	.00007	.00017
%RSD	15.065	24.710	730.43	34.244	178.89
#1	-.00036	.00863	-.00003	-.00014	-.00002
#2	-.00027	.00623	-.00001	-.00020	.00029
#3	-.00030	.01036	.00005	-.00028	.00002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L18AAF Acquired: 6/4/2010 12:56:25 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00056**	**-.00240**	**.01655**	**-.00101**	**-.01466**
Stddev	.00108	.00064	.02954	.00148	.01103
%RSD	194.07	26.730	178.48	147.58	75.223
#1	-.00177	-.00166	.05016	-.00130	-.02310
#2	.00031	-.00280	-.00532	.00060	-.01870
#3	-.00021	-.00273	.00482	-.00232	-.00218
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**-.00107**	**.25543**	**.00015**	**-.00103**
Stddev	.00037	.00016	.00731	.00011	.00105
%RSD	101.05	14.563	2.8632	71.866	102.16
#1	.00002	-.00100	.26211	.00027	-.00013
#2	-.00071	-.00095	.25655	.00008	-.00219
#3	-.00039	-.00125	.24761	.00009	-.00077
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L18AAF Acquired: 6/4/2010 12:56:25 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00027**	**.00136**	**.02656**	**.00050**	**-.00038**
Stddev	.00103	.00146	.00398	.00064	.00004
%RSD	380.53	107.37	14.980	127.47	11.075
#1	.00045	.00031	.03109	-.00023	-.00033
#2	-.00145	.00073	.02366	.00077	-.00039
#3	.00019	.00302	.02492	.00097	-.00041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00027**	**-.00084**	**-.00041**	**-.00010**
Stddev	.00116	.00130	.00012	.00006
%RSD	436.49	154.14	28.136	55.083
#1	-.00002	-.00196	-.00052	-.00004
#2	-.00153	-.00115	-.00029	-.00015
#3	.00076	.00058	-.00043	-.00012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L18AAF Acquired: 6/4/2010 12:56:25 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3033.4**	**6915.4**	**103090.**	**15371.**
Stddev	1.9	2.6	799.	126.
%RSD	.06239	.03783	.77499	.82070
#1	3035.6	6915.2	104000.	15259.
#2	3032.4	6918.2	102520.	15345.
#3	3032.2	6913.0	102730.	15508.

Sample Name: L2E7DBF Acquired: 6/4/2010 13:00:49 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00057**	**.00319**	**-.00079**	**-.00317**	**-.00062**
Stddev	.00033	.00714	.00085	.00041	.00030
%RSD	57.970	223.63	108.22	12.861	49.228
#1	-.00068	.01142	-.00014	-.00337	-.00090
#2	-.00020	-.00149	-.00047	-.00270	-.00066
#3	-.00082	-.00035	-.00176	-.00344	-.00029
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00028**	**-.00566**	**-.00007**	**-.00022**	**-.00017**
Stddev	.00002	.00247	.00003	.00022	.00040
%RSD	5.8542	43.633	37.968	100.36	234.23
#1	-.00026	-.00281	-.00004	-.00015	-.00055
#2	-.00029	-.00694	-.00009	-.00046	-.00022
#3	-.00029	-.00722	-.00009	-.00004	.00025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2E7DBF Acquired: 6/4/2010 13:00:49 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00144**	**-.00100**	**.03067**	**-.00071**	**.00179**
Stddev	.00222	.00184	.01743	.00040	.00627
%RSD	154.69	184.17	56.820	56.485	350.74
#1	-.00027	-.00232	.01160	-.00100	.00329
#2	-.00400	.00110	.04577	-.00088	.00717
#3	-.00004	-.00177	.03464	-.00025	-.00510
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00046**	**-.00100**	**.22466**	**-.00028**	**-.00087**
Stddev	.00017	.00019	.01073	.00022	.00164
%RSD	37.251	18.647	4.7784	77.752	188.38
#1	-.00063	-.00079	.22731	-.00003	-.00276
#2	-.00029	-.00116	.21284	-.00044	.00019
#3	-.00045	-.00104	.23382	-.00038	-.00004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2E7DBF Acquired: 6/4/2010 13:00:49 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00054**	**.00122**	**.00974**	**-.00022**	**-.00038**
Stddev	.00063	.00171	.01127	.00076	.00009
%RSD	117.48	140.82	115.77	337.71	22.566
#1	.00095	-.00053	-.00240	-.00110	-.00030
#2	.00085	.00128	.01988	.00028	-.00047
#3	-.00019	.00289	.01173	.00015	-.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00186**	**-.00120**	**-.00012**	**-.00032**
Stddev	.00089	.00111	.00026	.00013
%RSD	48.050	92.342	217.69	39.310
#1	.00133	-.00037	.00009	-.00046
#2	.00136	-.00246	-.00004	-.00029
#3	.00289	-.00077	-.00041	-.00021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2E7DBF Acquired: 6/4/2010 13:00:49 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3060.5**	**6960.6**	**103490.**	**15251.**
Stddev	13.4	31.5	299.	163.
%RSD	.43680	.45208	.28849	1.0667
#1	3049.1	6936.6	103630.	15434.
#2	3075.2	6996.2	103690.	15121.
#3	3057.1	6948.9	103150.	15200.

Sample Name: CCV1-4 Acquired: 6/4/2010 13:05:15 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.99532**	**26.018**	**.53909**	**2.0394**	**2.0067**
Stddev	.00103	.166	.00125	.0022	.0046
%RSD	.10327	.63706	.23101	.10523	.22859
#1	.99627	26.088	.53959	2.0419	2.0101
#2	.99423	25.829	.53767	2.0382	2.0015
#3	.99548	26.137	.54001	2.0381	2.0087
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0724**	**52.179**	**.48901**	**2.0979**	**2.0120**
Stddev	.0118	.308	.00085	.0033	.0060
%RSD	.56864	.58958	.17442	.15530	.29729
#1	2.0743	52.259	.48972	2.1009	2.0179
#2	2.0598	51.840	.48925	2.0944	2.0121
#3	2.0831	52.439	.48806	2.0984	2.0059
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-4 Acquired: 6/4/2010 13:05:15 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9978**	**25.909**	**128.85**	**2.0453**	**51.329**
Stddev	.0123	.099	1.16	.0081	.184
%RSD	.61698	.38083	.89804	.39838	.35823
#1	2.0026	25.971	129.46	2.0489	51.353
#2	1.9838	25.795	127.51	2.0360	51.135
#3	2.0071	25.961	129.57	2.0510	51.500
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9874**	**2.0132**	**127.92**	**2.0901**	**.50851**
Stddev	.0065	.0018	.52	.0027	.00148
%RSD	.32560	.08722	.40396	.13039	.29048
#1	1.9901	2.0147	128.07	2.0922	.50999
#2	1.9800	2.0136	127.35	2.0870	.50704
#3	1.9921	2.0113	128.35	2.0911	.50849
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-4 Acquired: 6/4/2010 13:05:15 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.50849**	**.51726**	**2.0100**	**1.9616**	**2.0512**
Stddev	.00236	.00354	.0033	.0035	.0134
%RSD	.46497	.68476	.16421	.17800	.65190
#1	.50980	.52125	2.0064	1.9650	2.0557
#2	.50991	.51606	2.0129	1.9580	2.0362
#3	.50576	.51447	2.0107	1.9617	2.0618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0464**	**1.0036**	**2.0508**	**2.0066**
Stddev	.0121	.0037	.0052	.0017
%RSD	.58879	.37152	.25538	.08334
#1	2.0493	1.0005	2.0566	2.0061
#2	2.0331	1.0024	2.0492	2.0051
#3	2.0567	1.0077	2.0465	2.0084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-4 Acquired: 6/4/2010 13:05:15 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2707.9**	**6522.2**	**95444.**	**14721.**
Stddev	3.7	15.5	705.	256.
%RSD	.13633	.23754	.73830	1.7357
#1	2703.6	6511.9	94705.	14649.
#2	2709.7	6514.8	95517.	15005.
#3	2710.4	6540.0	96109.	14510.

Sample Name: CCB4 Acquired: 6/4/2010 13:09:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**.01772**	**-.00015**	**.00030**	**.00006**
Stddev	.00016	.00132	.00088	.00034	.00029
%RSD	143.98	7.4361	590.14	113.59	504.50
#1	.00004	.01620	.00044	.00069	-.00025
#2	-.00028	.01847	-.00117	.00016	.00010
#3	-.00009	.01850	.00028	.00005	.00032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00001**	**.01917**	**.00006**	**.00053**	**.00049**
Stddev	.00004	.00219	.00003	.00018	.00028
%RSD	362.33	11.441	43.442	33.995	57.286
#1	.00003	.02166	.00003	.00032	.00067
#2	.00004	.01833	.00006	.00064	.00017
#3	-.00004	.01752	.00009	.00062	.00063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB4 Acquired: 6/4/2010 13:09:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00008**	**.00685**	**.04619**	**-.00060**	**.02051**
Stddev	.00079	.00067	.02584	.00057	.00371
%RSD	980.82	9.7747	55.946	93.905	18.100
#1	.00080	.00623	.06099	-.00051	.01952
#2	-.00032	.00756	.06124	-.00121	.01739
#3	-.00072	.00676	.01635	-.00009	.02462
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00000**	**.00130**	**.16200**	**.00060**	**-.00063**
Stddev	.00057	.00015	.01152	.00005	.00064
%RSD	46640.	11.269	7.1103	8.7539	101.16
#1	.00038	.00140	.14870	.00064	-.00100
#2	.00027	.00113	.16848	.00054	-.00101
#3	-.00065	.00136	.16882	.00061	.00011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB4 Acquired: 6/4/2010 13:09:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00146**	**.00061**	**.00201**	**.00073**	**-.00004**
Stddev	.00077	.00097	.00657	.00014	.00004
%RSD	52.957	157.46	325.86	19.371	86.928
#1	.00086	.00093	-.00420	.00089	.00000
#2	.00234	.00138	.00136	.00066	-.00007
#3	.00118	-.00047	.00888	.00063	-.00006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00156**	**.00004**	**-.00012**	**.00010**
Stddev	.00152	.00110	.00021	.00015
%RSD	97.871	2732.4	167.83	152.75
#1	-.00016	.00101	-.00012	.00005
#2	.00274	-.00116	-.00033	-.00002
#3	.00210	.00027	.00008	.00026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB4 Acquired: 6/4/2010 13:09:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3021.6**	**6871.6**	**101780.**	**15207.**
Stddev	8.7	26.3	182.	134.
%RSD	.28889	.38223	.17922	.88437
#1	3023.2	6883.8	101570.	15347.
#2	3029.4	6889.5	101880.	15196.
#3	3012.2	6841.4	101880.	15079.

Sample Name: L2E7DCF Acquired: 6/4/2010 13:13:51 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04826**	**1.9611**	**1.9649**	**.98538**	**1.9063**
Stddev	.00008	.0178	.0013	.00170	.0061
%RSD	.17167	.90815	.06805	.17270	.32227
#1	.04827	1.9470	1.9649	.98444	1.8993
#2	.04834	1.9553	1.9662	.98735	1.9084
#3	.04817	1.9812	1.9636	.98436	1.9110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04822**	F **-.00148**	**.04840**	**.49344**	**.19484**
Stddev	.00026	.00074	.00016	.00180	.00055
%RSD	.53123	49.787	.33547	.36459	.28239
#1	.04796	-.00088	.04851	.49540	.19421
#2	.04822	-.00127	.04822	.49187	.19519
#3	.04848	-.00231	.04848	.49304	.19513
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2E7DCF Acquired: 6/4/2010 13:13:51 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.23916**	**1.0180**	F **-.08147**	**.94847**	F **.00816**
Stddev	.00191	.0067	.06837	.00715	.00315
%RSD	.79721	.65538	83.918	.75372	38.586
#1	.23734	1.0108	-.13076	.94022	.00886
#2	.24114	1.0240	-.11024	.95282	.00472
#3	.23898	1.0190	-.00342	.95238	.01091
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.48672**	F **-.00066**	F **.10009**	**.49545**	**.48101**
Stddev	.00089	.00014	.00495	.00048	.00228
%RSD	.18226	20.374	4.9459	.09744	.47448
#1	.48572	-.00080	.10483	.49581	.47857
#2	.48742	-.00053	.10048	.49563	.48136
#3	.48701	-.00066	.09496	.49490	.48309
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit		1.2000	60.000		
Low Limit		.80000	40.000		

Sample Name: L2E7DCF Acquired: 6/4/2010 13:13:51 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	F **-.00008**	**2.0013**	F **.00692**	F **.00003**	**.95776**
Stddev	.00121	.0090	.00223	.00019	.00663
%RSD	1436.7	.44970	32.230	724.60	.69248
#1	-.00131	2.0006	.00947	.00003	.95074
#2	.00111	2.0106	.00533	-.00017	.95862
#3	-.00005	1.9927	.00597	.00022	.96392
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit	.60000		12.000	2.4000	
Low Limit	.40000		8.0000	1.6000	

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	F **.00039**	**1.9421**	**.48194**	**.49641**
Stddev	.00035	.0013	.00109	.00064
%RSD	89.839	.06809	.22705	.12898
#1	.00009	1.9427	.48077	.49676
#2	.00077	1.9430	.48295	.49680
#3	.00030	1.9406	.48210	.49567
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	1.2000			
Low Limit	.80000			

Sample Name: L2E7DCF Acquired: 6/4/2010 13:13:51 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3106.2**	**7074.0**	**105330.**	**15694.**
Stddev	23.0	50.1	1295.	62.
%RSD	.74089	.70754	1.2294	.39486
#1	3094.3	7045.7	106580.	15764.
#2	3132.7	7131.8	105430.	15647.
#3	3091.6	7044.4	103990.	15672.

Sample Name: L2D0EF Acquired: 6/4/2010 13:18:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00022**	**.02658**	**.00402**	**7.0957**	**.01263**
Stddev	.00051	.01157	.00032	.0029	.00034
%RSD	235.64	43.531	7.8458	.04017	2.6577
#1	-.00077	.02855	.00372	7.0985	.01293
#2	.00023	.01415	.00435	7.0928	.01268
#3	-.00010	.03703	.00398	7.0959	.01227
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00007**	**227.12**	**-.00002**	**.00100**	**.00019**
Stddev	.00003	3.33	.00003	.00017	.00016
%RSD	45.291	1.4648	160.88	17.043	82.884
#1	-.00004	228.96	-.00003	.00100	.00022
#2	-.00006	229.11	-.00005	.00117	.00002
#3	-.00010	223.27	.00002	.00083	.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EF Acquired: 6/4/2010 13:18:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00213**	**.52150**	**3.6436**	**.06481**	**117.97**
Stddev	.00110	.00392	.1030	.00029	.27
%RSD	51.573	.75243	2.8268	.45124	.22773
#1	.00258	.52221	3.5330	.06449	117.87
#2	.00088	.52503	3.6610	.06487	118.27
#3	.00294	.51728	3.7368	.06507	117.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.34636**	**.00005**	**107.53**	**.00254**	**.00102**
Stddev	.00024	.00008	.25	.00019	.00109
%RSD	.06971	152.93	.23006	7.5072	106.53
#1	.34625	.00004	107.61	.00267	-.00019
#2	.34664	.00014	107.73	.00261	.00135
#3	.34619	-.00002	107.25	.00232	.00192
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EF Acquired: 6/4/2010 13:18:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00088**	**.00041**	**6.7490**	**.00034**	**.44703**
Stddev	.00179	.00079	.0150	.00027	.00056
%RSD	202.19	193.39	.22210	77.155	.12634
#1	-.00057	.00109	6.7432	.00036	.44757
#2	.00035	.00059	6.7661	.00060	.44708
#3	.00288	-.00046	6.7379	.00007	.44645
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00507**	**-.00079**	**.00060**	**.00540**
Stddev	.00205	.00214	.00038	.00012
%RSD	40.477	271.95	64.147	2.2156
#1	.00740	.00002	.00100	.00527
#2	.00353	.00084	.00023	.00541
#3	.00428	-.00321	.00056	.00551
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0EF Acquired: 6/4/2010 13:18:02 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2694.9**	**6455.4**	**95322.**	**14813.**
Stddev	4.2	5.7	1050.	128.
%RSD	.15506	.08777	1.1017	.86340
#1	2695.2	6457.7	96251.	14840.
#2	2699.0	6459.6	95532.	14674.
#3	2690.6	6449.0	94182.	14925.

Sample Name: L2D0EP5F Acquired: 6/4/2010 13:22:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00063**	**.00878**	**.00057**	**1.3690**	**.00163**
Stddev	.00069	.00993	.00239	.0013	.00015
%RSD	109.17	113.05	422.35	.09560	9.0647
#1	-.00057	.01035	-.00024	1.3675	.00155
#2	.00003	.01783	-.00132	1.3701	.00154
#3	-.00135	-.00184	.00326	1.3692	.00181
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00036**	**45.856**	**-.00002**	**.00000**	**.00003**
Stddev	.00004	.136	.00011	.00027	.00023
%RSD	9.9170	.29608	439.10	5829.7	656.32
#1	-.00034	45.811	.00008	-.00008	.00016
#2	-.00040	46.008	-.00014	-.00021	.00018
#3	-.00034	45.748	-.00001	.00031	-.00023
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EP5F Acquired: 6/4/2010 13:22:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00090**	**.10115**	**.76217**	**.01200**	**23.434**
Stddev	.00107	.00199	.02048	.00118	.019
%RSD	119.35	1.9674	2.6871	9.8525	.08268
#1	-.00208	.09943	.77050	.01265	23.411
#2	.00003	.10333	.73884	.01064	23.444
#3	-.00065	.10069	.77717	.01272	23.445
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.06948**	**-.00077**	**20.838**	**.00061**	**.00002**
Stddev	.00050	.00016	.061	.00023	.00183
%RSD	.72235	20.598	.29380	37.580	8645.0
#1	.06890	-.00091	20.852	.00066	.00067
#2	.06977	-.00080	20.891	.00081	-.00205
#3	.06977	-.00060	20.771	.00036	.00144
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EP5F Acquired: 6/4/2010 13:22:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00080**	**-.00023**	**1.3093**	**.00006**	**.08794**
Stddev	.00013	.00249	.0056	.00016	.00013
%RSD	15.576	1102.2	.42980	260.46	.15315
#1	.00066	.00000	1.3111	-.00009	.08782
#2	.00091	.00214	1.3138	.00004	.08809
#3	.00084	-.00282	1.3030	.00023	.08791
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00047**	**.00028**	**-.00033**	**.00130**
Stddev	.00359	.00063	.00035	.00012
%RSD	763.06	223.24	104.90	9.2469
#1	.00388	.00020	-.00018	.00120
#2	.00081	.00095	-.00073	.00127
#3	-.00328	-.00030	-.00008	.00143
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0EP5F Acquired: 6/4/2010 13:22:32 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2931.3**	**6750.5**	**99605.**	**15172.**
Stddev	29.5	63.7	608.	206.
%RSD	1.0066	.94299	.61008	1.3574
#1	2914.2	6720.4	98928.	15406.
#2	2965.3	6823.6	99785.	15094.
#3	2914.3	6707.4	100100.	15017.

Sample Name: L2D0ESF Acquired: 6/4/2010 13:26:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04919**	**2.0418**	**2.0804**	**8.0705**	**1.9635**
Stddev	.00021	.0184	.0061	.0138	.0048
%RSD	.41949	.90216	.29463	.17156	.24403
#1	.04937	2.0301	2.0845	8.0837	1.9597
#2	.04924	2.0323	2.0833	8.0715	1.9619
#3	.04896	2.0631	2.0733	8.0561	1.9688
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04910**	**227.49**	**.04688**	**.50487**	**.19411**
Stddev	.00018	3.97	.00002	.00037	.00039
%RSD	.36705	1.7450	.04702	.07280	.19870
#1	.04922	227.92	.04686	.50456	.19374
#2	.04890	223.33	.04691	.50528	.19451
#3	.04919	231.23	.04687	.50477	.19406
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0ESF Acquired: 6/4/2010 13:26:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.24035**	**1.5419**	**3.6594**	**1.0621**	**117.60**
Stddev	.00329	.0018	.0755	.0034	.18
%RSD	1.3667	.11671	2.0626	.32083	.15258
#1	.23665	1.5439	3.5724	1.0625	117.76
#2	.24290	1.5407	3.7072	1.0585	117.40
#3	.24152	1.5410	3.6987	1.0652	117.63
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.83245**	**-.00013**	**106.88**	**.50261**	**.49103**
Stddev	.00088	.00014	.28	.00052	.00157
%RSD	.10567	110.73	.26295	.10444	.31995
#1	.83301	-.00014	106.82	.50218	.49278
#2	.83144	-.00027	106.63	.50320	.49059
#3	.83291	.00002	107.19	.50245	.48973
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0ESF Acquired: 6/4/2010 13:26:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00056**	**2.0491**	**6.7089**	**-.00017**	**1.4317**
Stddev	.00051	.0073	.0171	.00034	.0045
%RSD	91.536	.35396	.25472	198.70	.31436
#1	-.00092	2.0550	6.7169	-.00042	1.4314
#2	.00003	2.0410	6.6892	-.00031	1.4273
#3	-.00080	2.0514	6.7205	.00022	1.4363
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00566**	**1.9483**	**.50013**	**.48356**
Stddev	.00181	.0086	.00096	.00177
%RSD	31.959	.44002	.19132	.36539
#1	.00358	1.9544	.49908	.48386
#2	.00652	1.9520	.50096	.48516
#3	.00688	1.9385	.50034	.48166
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0ESF Acquired: 6/4/2010 13:26:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2713.8**	**6528.6**	**95183.**	**15111.**
Stddev	23.2	55.8	128.	131.
%RSD	.85337	.85409	.13400	.86942
#1	2725.1	6551.2	95329.	14964.
#2	2687.2	6465.0	95093.	15215.
#3	2729.2	6569.5	95128.	15155.

Sample Name: L2D0EDF Acquired: 6/4/2010 13:31:13 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05050**	**2.1045**	**2.1376**	**8.1796**	**2.0100**
Stddev	.00033	.0156	.0096	.0086	.0004
%RSD	.65509	.74058	.44726	.10570	.02184
#1	.05059	2.0943	2.1336	8.1759	2.0103
#2	.05013	2.0967	2.1306	8.1733	2.0102
#3	.05077	2.1224	2.1485	8.1894	2.0095
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05016**	**231.56**	**.04826**	**.51796**	**.19914**
Stddev	.00012	4.01	.00014	.00124	.00023
%RSD	.24243	1.7323	.29125	.23850	.11649
#1	.05003	227.73	.04842	.51898	.19917
#2	.05025	235.73	.04820	.51659	.19889
#3	.05022	231.23	.04815	.51831	.19935
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EDF Acquired: 6/4/2010 13:31:13 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.24473**	**1.5633**	**3.7189**	**1.0909**	**118.31**
Stddev	.00113	.0096	.0229	.0023	.21
%RSD	.46119	.61399	.61535	.21167	.17705
#1	.24355	1.5528	3.7348	1.0886	118.26
#2	.24483	1.5656	3.6927	1.0909	118.13
#3	.24580	1.5715	3.7293	1.0932	118.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.84547**	**-.00033**	**107.82**	**.51722**	**.50545**
Stddev	.00298	.00020	.17	.00059	.00260
%RSD	.35290	58.967	.15451	.11414	.51376
#1	.84203	-.00035	107.64	.51713	.50439
#2	.84731	-.00052	107.84	.51668	.50355
#3	.84708	-.00013	107.98	.51785	.50841
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0EDF Acquired: 6/4/2010 13:31:13 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00170**	**2.1017**	**6.7818**	**.00021**	**1.4586**
Stddev	.00069	.0034	.0221	.00042	.0033
%RSD	40.512	.16353	.32643	197.87	.22379
#1	-.00092	2.0981	6.7636	.00066	1.4548
#2	-.00197	2.1021	6.7754	-.00016	1.4603
#3	-.00221	2.1049	6.8065	.00013	1.4606
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00303**	**2.0039**	**.51103**	**.49733**
Stddev	.00179	.0054	.00067	.00048
%RSD	58.934	.27107	.13160	.09570
#1	.00217	2.0020	.51072	.49767
#2	.00185	1.9997	.51057	.49678
#3	.00509	2.0101	.51180	.49753
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0EDF Acquired: 6/4/2010 13:31:13 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2703.0**	**6501.1**	**95504.**	**15019.**
Stddev	11.2	25.8	395.	184.
%RSD	.41261	.39685	.41395	1.2256
#1	2691.6	6476.6	95128.	15146.
#2	2703.7	6498.8	95468.	15103.
#3	2713.8	6528.1	95916.	14808.

Sample Name: L2D0FF Acquired: 6/4/2010 13:35:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**.01287**	**.00499**	**.36384**	**.02532**
Stddev	.00049	.00873	.00128	.00298	.00014
%RSD	139.35	67.816	25.719	.81826	.54901
#1	-.00032	.00281	.00563	.36666	.02533
#2	.00012	.01744	.00582	.36412	.02545
#3	-.00086	.01836	.00351	.36073	.02518
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00028**	**66.920**	**.00056**	**.00040**	**.00003**
Stddev	.00005	.177	.00002	.00018	.00032
%RSD	19.399	.26453	4.0655	44.606	1124.7
#1	-.00026	67.096	.00054	.00038	.00011
#2	-.00034	66.742	.00058	.00023	-.00032
#3	-.00024	66.922	.00055	.00058	.00030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0FF Acquired: 6/4/2010 13:35:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.09907**	**.00077**	**6.7195**	**.04644**	**28.850**
Stddev	.00262	.00076	.0626	.00124	.047
%RSD	2.6477	98.162	.93133	2.6655	.16415
#1	.09635	.00091	6.7822	.04606	28.810
#2	.09929	.00146	6.7191	.04545	28.838
#3	.10158	-.00004	6.6570	.04783	28.902
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.02243**	**.00400**	**45.532**	**.00626**	**.00055**
Stddev	.00038	.00030	.093	.00043	.00130
%RSD	1.7054	7.4688	.20328	6.8259	235.68
#1	.02206	.00381	45.611	.00632	.00094
#2	.02283	.00434	45.430	.00665	.00162
#3	.02241	.00385	45.554	.00581	-.00090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0FF Acquired: 6/4/2010 13:35:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00083**	**.00267**	**8.1644**	**.00007**	**.78884**
Stddev	.00135	.00300	.0378	.00059	.00357
%RSD	162.63	112.40	.46320	857.46	.45279
#1	.00186	.00443	8.1943	-.00059	.79252
#2	.00134	-.00080	8.1219	.00025	.78539
#3	-.00070	.00437	8.1772	.00054	.78859
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00210**	**-.00020**	**.00040**	**.76419**
Stddev	.00162	.00060	.00043	.00403
%RSD	77.222	291.17	106.77	.52752
#1	.00285	.00046	-.00008	.76733
#2	.00322	-.00038	.00057	.76558
#3	.00024	-.00069	.00073	.75964
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0FF Acquired: 6/4/2010 13:35:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2903.9**	**6775.8**	**99473.**	**15397.**
Stddev	7.4	29.3	1276.	156.
%RSD	.25518	.43174	1.2829	1.0117
#1	2906.3	6772.7	98568.	15545.
#2	2895.6	6748.3	98918.	15412.
#3	2909.9	6806.5	100930.	15235.

Sample Name: L2D0JF Acquired: 6/4/2010 13:39:52 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00047**	**.03458**	**.00318**	**1.4144**	**.01599**
Stddev	.00046	.01882	.00141	.0013	.00022
%RSD	96.191	54.425	44.376	.09187	1.3872
#1	-.00069	.01299	.00303	1.4140	.01622
#2	-.00078	.04325	.00467	1.4134	.01578
#3	.00005	.04750	.00185	1.4159	.01597
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**375.04**	**.00004**	**.00169**	**.00049**
Stddev	.00002	3.95	.00005	.00032	.00046
%RSD	6.9256	1.0542	132.04	19.051	94.833
#1	-.00032	379.49	.00003	.00132	-.00004
#2	-.00034	371.94	.00009	.00187	.00068
#3	-.00030	373.69	-.00001	.00187	.00083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0JF Acquired: 6/4/2010 13:39:52 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**.06531**	**3.0019**	**.06006**	**156.94**
Stddev	.00212	.00048	.0433	.00128	.83
%RSD	1908.7	.73451	1.4419	2.1313	.52640
#1	-.00238	.06502	3.0194	.05939	156.38
#2	.00022	.06586	2.9525	.05926	156.54
#3	.00182	.06504	3.0336	.06154	157.89
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.32919**	**-.00086**	**181.39**	**.00295**	**.00181**
Stddev	.00196	.00022	1.81	.00029	.00080
%RSD	.59537	25.465	.99987	9.6672	44.413
#1	.32756	-.00061	183.48	.00265	.00088
#2	.32865	-.00096	180.35	.00298	.00226
#3	.33136	-.00102	180.34	.00322	.00229
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

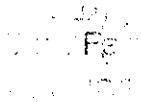
Sample Name: L2D0JF Acquired: 6/4/2010 13:39:52 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

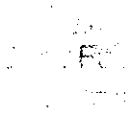
Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00047**	**.00116**	**6.9754**	**-.00010**	**.59342**
Stddev	.00180	.00193	.0552	.00048	.00617
%RSD	386.01	165.74	.79082	467.84	1.0404
#1	-.00065	.00334	6.9392	-.00045	.58994
#2	.00254	-.00032	6.9482	.00044	.58977
#3	-.00050	.00046	7.0389	-.00030	.60055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00517**	**-.00100**	**.00027**	**.00446**
Stddev	.00192	.00078	.00026	.00021
%RSD	37.044	77.722	94.917	4.7477
#1	.00435	-.00190	.00019	.00449
#2	.00381	-.00062	.00057	.00466
#3	.00737	-.00049	.00007	.00424
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0JF Acquired: 6/4/2010 13:39:52 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2671.2**	**6479.9**	**94994.**	**15282.**
Stddev	19.4	43.3	361.	29.
%RSD	.72478	.66840	.37980	.19282
#1	2681.8	6508.2	95318.	15311.
#2	2648.9	6430.1	95058.	15281.
#3	2683.0	6501.5	94605.	15252.





Sample Name: L2D0MF Acquired: 6/4/2010 13:44:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00070**	**.00172**	**.00160**	**.49865**	**.03970**
Stddev	.00050	.00668	.00125	.00231	.00032
%RSD	71.539	387.48	78.231	.46391	.81077
#1	-.00059	-.00481	.00097	.50125	.03933
#2	-.00124	.00144	.00303	.49789	.03986
#3	-.00026	.00854	.00078	.49682	.03991
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00034**	**35.720**	**.00014**	**.00023**	**.00013**
Stddev	.00002	.165	.00004	.00011	.00025
%RSD	7.2914	.46057	28.490	46.487	194.22
#1	-.00033	35.745	.00019	.00013	-.00005
#2	-.00032	35.870	.00014	.00034	.00002
#3	-.00037	35.544	.00010	.00023	.00041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0MF Acquired: 6/4/2010 13:44:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.02788**	**.00730**	**4.2224**	**.02110**	**11.199**
Stddev	.00319	.00030	.1009	.00078	.022
%RSD	11.455	4.1013	2.3901	3.6971	.19606
#1	.02747	.00701	4.2092	.02143	11.187
#2	.02491	.00728	4.3292	.02166	11.185
#3	.03126	.00761	4.1287	.02021	11.224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00814**	**.00049**	**58.125**	**.00128**	**-.00003**
Stddev	.00006	.00015	.129	.00028	.00060
%RSD	.72261	30.583	.22125	21.789	1769.0
#1	.00812	.00056	58.105	.00158	-.00020
#2	.00810	.00058	58.262	.00121	-.00053
#3	.00821	.00032	58.007	.00104	.00063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2D0MF Acquired: 6/4/2010 13:44:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00115**	**-.00038**	**5.7673**	**-.00006**	**.44040**
Stddev	.00131	.00245	.0067	.00045	.00260
%RSD	114.18	651.37	.11696	697.66	.58969
#1	.00039	.00207	5.7719	-.00057	.44148
#2	.00266	-.00038	5.7595	.00008	.44228
#3	.00040	-.00282	5.7704	.00030	.43744
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00061**	**-.00041**	**.00000**	**.28817**
Stddev	.00281	.00096	.00045	.00025
%RSD	457.71	233.27	11917.	.08601
#1	.00009	.00065	.00011	.28798
#2	.00365	-.00121	.00039	.28845
#3	-.00190	-.00068	-.00049	.28808
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2D0MF Acquired: 6/4/2010 13:44:29 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2942.4**	**6811.7**	**101140.**	**15112.**
Stddev	7.5	11.8	82.	110.
%RSD	.25547	.17297	.08111	.72847
#1	2938.7	6802.3	101130.	15236.
#2	2951.1	6825.0	101220.	15073.
#3	2937.5	6807.9	101060.	15026.

Sample Name: L2DVVB Acquired: 6/4/2010 13:48:48 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00070**	**.01347**	**-.00075**	**.00653**	**-.00081**
Stddev	.00020	.00814	.00136	.00020	.00018
%RSD	27.928	60.486	182.86	2.9996	22.199
#1	-.00083	.02121	.00026	.00664	-.00094
#2	-.00047	.01421	-.00230	.00665	-.00087
#3	-.00079	.00497	-.00019	.00631	-.00060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**.08508**	**-.00007**	**.00005**	**-.00041**
Stddev	.00004	.01416	.00005	.00009	.00014
%RSD	11.549	16.644	68.711	188.95	34.257
#1	-.00027	.10062	-.00002	.00014	-.00042
#2	-.00034	.08172	-.00010	-.00002	-.00054
#3	-.00032	.07290	-.00008	.00002	-.00026
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVVB Acquired: 6/4/2010 13:48:48 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00107**	**-.00264**	**-.27028**	**-.00266**	**.02036**
Stddev	.00181	.00257	.04877	.00153	.00739
%RSD	169.61	97.457	18.043	57.476	36.303
#1	-.00102	-.00431	-.32310	-.00377	.01442
#2	-.00290	-.00394	-.22697	-.00329	.02863
#3	.00072	.00032	-.26077	-.00092	.01802
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00032**	**-.00117**	**.15499**	**-.00016**	**-.00038**
Stddev	.00046	.00021	.00729	.00025	.00067
%RSD	144.59	18.288	4.7033	153.90	176.65
#1	-.00028	-.00134	.16169	.00012	.00032
#2	-.00080	-.00093	.14723	-.00031	-.00044
#3	.00012	-.00125	.15606	-.00029	-.00103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVVB Acquired: 6/4/2010 13:48:48 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00018**	**.00007**	**.00599**	**-.00043**	**-.00005**
Stddev	.00121	.00075	.00273	.00046	.00002
%RSD	692.02	1083.3	45.577	106.99	45.934
#1	-.00116	-.00035	.00313	-.00070	-.00004
#2	.00122	-.00038	.00627	.00010	-.00008
#3	.00047	.00094	.00856	-.00068	-.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00071**	**-.00081**	**-.00026**	**.00018**
Stddev	.00073	.00033	.00021	.00022
%RSD	102.62	41.108	81.001	125.16
#1	-.00152	-.00075	-.00002	.00007
#2	-.00011	-.00117	-.00036	.00044
#3	-.00050	-.00051	-.00041	.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2DVVB Acquired: 6/4/2010 13:48:48 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3139.2**	**7100.5**	**104760.**	**15630.**
Stddev	12.9	33.8	1355.	48.
%RSD	.41071	.47657	1.2937	.30426
#1	3150.4	7135.5	106270.	15644.
#2	3142.1	7098.1	104390.	15577.
#3	3125.1	7067.9	103630.	15669.

Sample Name: L2DVVC Acquired: 6/4/2010 13:53:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05046**	**2.1127**	**2.0659**	**1.0290**	**2.0179**
Stddev	.00017	.0066	.0042	.0011	.0032
%RSD	.33022	.31172	.20497	.10574	.15970
#1	.05032	2.1201	2.0631	1.0302	2.0194
#2	.05042	2.1103	2.0637	1.0280	2.0142
#3	.05064	2.1076	2.0707	1.0288	2.0201
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05054**	F **.02037**	**.05084**	**.51521**	**.20604**
Stddev	.00023	.01434	.00014	.00101	.00074
%RSD	.45102	70.407	.27588	.19593	.36152
#1	.05067	.01563	.05087	.51636	.20525
#2	.05028	.00900	.05096	.51479	.20673
#3	.05069	.03648	.05068	.51449	.20614
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2DVVC Acquired: 6/4/2010 13:53:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25680**	**1.0826**	F **-.30169**	**1.0050**	F **.00269**
Stddev	.00049	.0057	.02281	.0007	.00516
%RSD	.18997	.52297	7.5612	.07108	192.29
#1	.25631	1.0768	-.31269	1.0044	-.00316
#2	.25680	1.0881	-.31693	1.0058	.00664
#3	.25728	1.0831	-.27547	1.0046	.00458
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51486**	F **-.00096**	F **.09408**	**.51890**	**.50255**
Stddev	.00075	.00018	.01712	.00174	.00196
%RSD	.14620	19.197	18.193	.33570	.38955
#1	.51555	-.00080	.09026	.52050	.50251
#2	.51406	-.00093	.07920	.51704	.50453
#3	.51496	-.00116	.11279	.51915	.50062
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit		1.2000	60.000		
Low Limit		.80000	40.000		

Sample Name: L2DVVC Acquired: 6/4/2010 13:53:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	F **-.00097**	**2.1145**	F **.00549**	F **-.00017**	**1.0277**
Stddev	.00091	.0065	.00907	.00035	.0037
%RSD	94.087	.30800	165.21	202.89	.36276
#1	-.00196	2.1125	.00775	-.00047	1.0317
#2	-.00078	2.1093	.01321	-.00026	1.0244
#3	-.00017	2.1218	-.00449	.00021	1.0271
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit	.60000		12.000	2.4000	
Low Limit	.40000		8.0000	1.6000	

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	F **.00019**	**2.0321**	**.51130**	**.52519**
Stddev	.00230	.0084	.00025	.00072
%RSD	1213.0	.41301	.04888	.13643
#1	.00284	2.0417	.51142	.52559
#2	-.00088	2.0287	.51146	.52561
#3	-.00139	2.0260	.51101	.52436
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	1.2000			
Low Limit	.80000			

Sample Name: L2DVVC Acquired: 6/4/2010 13:53:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3120.9**	**7069.9**	**103950.**	**15570.**
Stddev	20.5	38.0	1712.	119.
%RSD	.65764	.53801	1.6471	.76263
#1	3103.2	7041.0	105910.	15701.
#2	3116.1	7055.8	103200.	15469.
#3	3143.4	7113.0	102750.	15541.

Sample Name: CCV1-5 Acquired: 6/4/2010 13:57:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0062**	**25.853**	**.54480**	**2.0648**	**2.0180**
Stddev	.0019	.179	.00172	.0032	.0069
%RSD	.18823	.69165	.31535	.15687	.34156
#1	1.0084	25.936	.54671	2.0637	2.0231
#2	1.0051	25.975	.54338	2.0684	2.0208
#3	1.0052	25.648	.54431	2.0622	2.0102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0614**	**51.734**	**.48892**	**2.0978**	**2.0205**
Stddev	.0074	.254	.00037	.0017	.0045
%RSD	.36011	.49179	.07533	.07996	.22330
#1	2.0635	51.827	.48909	2.0964	2.0197
#2	2.0675	51.928	.48850	2.0972	2.0165
#3	2.0531	51.446	.48918	2.0997	2.0254
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-5 Acquired: 6/4/2010 13:57:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9960**	**25.974**	**128.43**	**2.0434**	**51.199**
Stddev	.0152	.150	1.00	.0098	.191
%RSD	.76018	.57716	.77945	.47742	.37340
#1	1.9981	26.068	128.89	2.0493	51.353
#2	2.0100	26.052	129.11	2.0487	51.260
#3	1.9799	25.801	127.28	2.0321	50.985
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.9954**	**2.0131**	**127.25**	**2.0913**	**.50834**
Stddev	.0107	.0026	.48	.0039	.00062
%RSD	.53362	.12658	.37456	.18618	.12161
#1	2.0008	2.0160	127.45	2.0899	.50897
#2	2.0022	2.0115	127.59	2.0883	.50773
#3	1.9831	2.0117	126.70	2.0957	.50833
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-5 Acquired: 6/4/2010 13:57:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51153**	**.51761**	**2.0252**	**1.9677**	**2.0397**
Stddev	.00204	.00107	.0245	.0013	.0094
%RSD	.39823	.20621	1.2114	.06558	.45920
#1	.51118	.51675	2.0408	1.9679	2.0414
#2	.51372	.51728	2.0380	1.9663	2.0481
#3	.50969	.51881	1.9970	1.9689	2.0296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0341**	**1.0123**	**2.0604**	**2.0160**
Stddev	.0080	.0018	.0040	.0023
%RSD	.39249	.17482	.19477	.11557
#1	2.0383	1.0105	2.0564	2.0169
#2	2.0392	1.0140	2.0606	2.0134
#3	2.0249	1.0126	2.0644	2.0178
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-5 Acquired: 6/4/2010 13:57:23 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2710.8**	**6523.5**	**95233.**	**14656.**
Stddev	16.3	43.5	855.	249.
%RSD	.60265	.66618	.89760	1.6961
#1	2699.7	6485.8	95904.	14465.
#2	2729.6	6571.0	95525.	14565.
#3	2703.1	6513.7	94271.	14937.

Sample Name: CCB5 Acquired: 6/4/2010 14:01:33 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00052**	**.01385**	**.00009**	**.00707**	**.00016**
Stddev	.00012	.01263	.00152	.00046	.00024
%RSD	24.173	91.198	1710.0	6.5374	143.52
#1	-.00043	.00141	.00044	.00756	.00044
#2	-.00046	.01347	.00140	.00701	.00000
#3	-.00066	.02667	-.00157	.00664	.00006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00007**	**.01687**	**.00006**	**.00032**	**.00036**
Stddev	.00003	.00245	.00001	.00014	.00032
%RSD	39.186	14.503	21.596	45.512	89.249
#1	.00008	.01496	.00006	.00023	.00045
#2	.00004	.01601	.00005	.00048	.00000
#3	.00008	.01963	.00007	.00024	.00063
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB5 Acquired: 6/4/2010 14:01:33 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00030**	**.00873**	**.04396**	**-.00223**	**.00841**
Stddev	.00306	.00108	.05093	.00026	.01556
%RSD	1016.0	12.317	115.85	11.680	184.94
#1	-.00277	.00801	.05588	-.00204	.02418
#2	.00312	.00822	-.01187	-.00213	-.00693
#3	-.00126	.00997	.08788	-.00253	.00799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00026**	**.00095**	**.16188**	**.00041**	**-.00010**
Stddev	.00039	.00031	.00938	.00009	.00097
%RSD	149.34	32.835	5.7939	22.142	969.46
#1	.00002	.00131	.17269	.00051	.00101
#2	-.00010	.00079	.15596	.00040	-.00050
#3	-.00070	.00075	.15699	.00033	-.00080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB5 Acquired: 6/4/2010 14:01:33 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00075**	**.00175**	**.00334**	**.00008**	**-.00003**
Stddev	.00067	.00064	.00686	.00029	.00011
%RSD	90.413	36.297	205.06	362.25	420.71
#1	.00080	.00190	.00080	.00008	-.00007
#2	.00004	.00106	-.00188	-.00021	.00009
#3	.00139	.00231	.01111	.00037	-.00010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00175**	**-.00030**	**.00022**	**-.00009**
Stddev	.00049	.00100	.00036	.00011
%RSD	28.200	335.48	160.16	129.77
#1	-.00213	-.00070	-.00014	-.00020
#2	-.00119	.00084	.00024	.00002
#3	-.00192	-.00103	.00057	-.00007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB5 Acquired: 6/4/2010 14:01:33 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2996.3**	**6784.3**	**100420.**	**14948.**
Stddev	10.0	18.4	544.	120.
%RSD	.33450	.27052	.54159	.80007
#1	2984.7	6763.5	100300.	14850.
#2	3002.0	6791.4	101010.	15081.
#3	3002.1	6798.1	99945.	14912.

Sample Name: L2CVV Acquired: 6/4/2010 14:06:00 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00050**	**.03399**	**.00163**	**.01881**	**.11413**
Stddev	.00020	.01573	.00151	.00022	.00031
%RSD	40.472	46.267	92.725	1.1573	.27582
#1	-.00027	.01772	.00124	.01863	.11386
#2	-.00062	.04911	.00035	.01875	.11405
#3	-.00063	.03514	.00329	.01905	.11448
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**105.89**	**-.00007**	**.00046**	**.00290**
Stddev	.00004	.66	.00001	.00035	.00048
%RSD	33.236	.62564	11.512	75.975	16.616
#1	-.00007	105.52	-.00007	.00056	.00336
#2	-.00013	105.49	-.00008	.00075	.00292
#3	-.00014	106.66	-.00007	.00007	.00240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVV Acquired: 6/4/2010 14:06:00 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00190**	**.01032**	**18.470**	**.01599**	**15.994**
Stddev	.00130	.00132	.048	.00113	.089
%RSD	68.623	12.783	.25929	7.0655	.55617
#1	.00186	.01177	18.415	.01689	15.974
#2	.00062	.01000	18.502	.01472	15.916
#3	.00323	.00918	18.493	.01635	16.091
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00156**	**.01284**	**490.06**	**.00139**	**.00010**
Stddev	.00020	.00031	4.96	.00024	.00148
%RSD	12.756	2.3899	1.0127	17.628	1553.5
#1	.00179	.01312	484.37	.00164	.00085
#2	.00150	.01287	492.39	.00115	-.00161
#3	.00140	.01251	493.44	.00137	.00104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVV Acquired: 6/4/2010 14:06:00 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00056**	**.00027**	**5.5587**	**-.00034**	**1.7629**
Stddev	.00161	.00276	.0343	.00048	.0086
%RSD	286.03	1020.3	.61713	139.57	.48571
#1	-.00129	.00030	5.5367	-.00079	1.7589
#2	.00135	.00301	5.5412	-.00039	1.7571
#3	.00163	-.00250	5.5983	.00016	1.7727
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00206**	**-.00141**	**.00357**	**.00678**
Stddev	.00310	.00045	.00014	.00014
%RSD	150.76	32.092	4.0033	2.0617
#1	-.00111	-.00093	.00372	.00690
#2	.00220	-.00147	.00343	.00681
#3	.00508	-.00183	.00356	.00663
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CVV Acquired: 6/4/2010 14:06:00 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2694.6**	**6566.1**	**94133.**	**14931.**
Stddev	9.6	29.1	200.	256.
%RSD	.35749	.44376	.21236	1.7143
#1	2689.1	6540.8	94135.	15104.
#2	2688.9	6559.6	94331.	15053.
#3	2705.7	6598.0	93932.	14637.

Sample Name: L2CVVP5 Acquired: 6/4/2010 14:10:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00049**	**.00361**	**-.00131**	**.00514**	**.02211**
Stddev	.00048	.00232	.00178	.00025	.00018
%RSD	96.424	64.263	135.07	4.7709	.80974
#1	-.00015	.00588	-.00233	.00533	.02230
#2	-.00104	.00370	.00074	.00522	.02196
#3	-.00029	.00125	-.00235	.00486	.02205
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**21.096**	**-.00004**	**.00004**	**.00041**
Stddev	.00005	.056	.00009	.00007	.00027
%RSD	13.104	.26400	245.35	178.90	66.022
#1	-.00040	21.154	-.00009	.00008	.00015
#2	-.00031	21.043	.00006	-.00004	.00039
#3	-.00033	21.091	-.00008	.00008	.00070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVP5 Acquired: 6/4/2010 14:10:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00010**	**.00121**	**3.5611**	**.00306**	**3.1776**
Stddev	.00106	.00059	.0708	.00138	.0125
%RSD	1072.2	48.912	1.9897	45.199	.39310
#1	-.00045	.00144	3.5230	.00350	3.1744
#2	-.00057	.00054	3.5173	.00151	3.1914
#3	.00132	.00165	3.6428	.00416	3.1670
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00007**	**.00195**	**100.51**	**.00008**	**-.00035**
Stddev	.00002	.00015	.18	.00024	.00076
%RSD	30.761	7.8590	.18366	298.56	218.71
#1	-.00008	.00199	100.71	-.00013	-.00004
#2	-.00004	.00179	100.36	.00003	-.00121
#3	-.00007	.00209	100.44	.00033	.00021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVP5 Acquired: 6/4/2010 14:10:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00084**	**.00028**	**1.1030**	**-.00028**	**.35191**
Stddev	.00121	.00100	.0078	.00010	.00087
%RSD	142.79	358.83	.70516	34.750	.24587
#1	.00173	.00143	1.0949	-.00033	.35269
#2	.00134	-.00018	1.1104	-.00017	.35098
#3	-.00053	-.00041	1.1037	-.00034	.35204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00108**	**-.00189**	**.00046**	**.00130**
Stddev	.00217	.00042	.00023	.00007
%RSD	200.28	22.483	50.990	5.6647
#1	-.00028	-.00140	.00019	.00124
#2	-.00354	-.00219	.00062	.00138
#3	.00057	-.00207	.00057	.00127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CVVP5 Acquired: 6/4/2010 14:10:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2876.5**	**6656.2**	**97894.**	**14565.**
Stddev	19.2	43.9	1020.	99.
%RSD	.66657	.65947	1.0417	.68272
#1	2858.1	6621.7	98579.	14451.
#2	2896.4	6705.6	98381.	14630.
#3	2875.1	6641.2	96722.	14615.

Sample Name: L2CVVS Acquired: 6/4/2010 14:14:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05116**	**2.0535**	**2.1408**	**1.0232**	**2.0846**
Stddev	.00011	.0094	.0019	.0017	.0021
%RSD	.20909	.45909	.08919	.16803	.09914
#1	.05104	2.0640	2.1388	1.0226	2.0867
#2	.05125	2.0459	2.1427	1.0219	2.0826
#3	.05117	2.0504	2.1408	1.0252	2.0844
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05010**	**105.79**	**.04893**	**.53059**	**.20509**
Stddev	.00008	.27	.00010	.00152	.00057
%RSD	.15170	.25204	.19983	.28726	.27706
#1	.05019	106.10	.04884	.53206	.20539
#2	.05007	105.64	.04903	.53070	.20545
#3	.05005	105.63	.04891	.52902	.20444
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVS Acquired: 6/4/2010 14:14:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.24525**	**1.0465**	**18.301**	**1.0194**	**16.075**
Stddev	.00351	.0046	.054	.0028	.040
%RSD	1.4299	.44307	.29627	.27824	.24952
#1	.24859	1.0509	18.353	1.0221	16.040
#2	.24555	1.0471	18.305	1.0196	16.067
#3	.24160	1.0416	18.245	1.0164	16.119
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.49513**	**.01252**	**492.26**	**.52892**	**.50898**
Stddev	.00163	.00028	11.50	.00113	.00145
%RSD	.32903	2.2450	2.3361	.21348	.28401
#1	.49427	.01282	483.12	.52967	.50740
#2	.49701	.01226	505.17	.52947	.51024
#3	.49411	.01248	488.49	.52762	.50930
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVS Acquired: 6/4/2010 14:14:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00036**	**2.1047**	**5.6446**	**-.00010**	**2.7434**
Stddev	.00186	.0037	.0160	.00036	.0135
%RSD	518.39	.17399	.28292	339.17	.49018
#1	-.00167	2.1012	5.6564	.00001	2.7586
#2	.00200	2.1085	5.6264	.00018	2.7331
#3	.00075	2.1043	5.6510	-.00050	2.7384
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00275**	**1.9686**	**.52092**	**.51540**
Stddev	.00033	.0053	.00067	.00147
%RSD	12.018	.26878	.12805	.28602
#1	.00260	1.9686	.52137	.51386
#2	.00313	1.9739	.52123	.51680
#3	.00253	1.9634	.52015	.51552
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CVVS Acquired: 6/4/2010 14:14:55 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2709.5**	**6645.4**	**94586.**	**15282.**
Stddev	14.7	38.6	274.	162.
%RSD	.54113	.58138	.28918	1.0628
#1	2725.6	6688.2	94672.	15468.
#2	2696.9	6613.1	94806.	15214.
#3	2706.0	6634.8	94280.	15165.

Sample Name: L2CVVD Acquired: 6/4/2010 14:19:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05240**	**2.1816**	**2.2104**	**1.0597**	**2.1412**
Stddev	.00040	.0048	.0083	.0007	.0039
%RSD	.75442	.22110	.37547	.06973	.18104
#1	.05280	2.1814	2.2141	1.0603	2.1455
#2	.05240	2.1864	2.2162	1.0600	2.1380
#3	.05201	2.1768	2.2009	1.0589	2.1400
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05172**	**105.08**	**.05017**	**.54402**	**.21126**
Stddev	.00023	.31	.00009	.00077	.00037
%RSD	.44780	.29906	.17995	.14153	.17349
#1	.05148	104.74	.05016	.54487	.21100
#2	.05194	105.36	.05026	.54383	.21110
#3	.05174	105.15	.05008	.54336	.21168
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVD Acquired: 6/4/2010 14:19:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25657**	**1.0816**	**18.331**	**1.0539**	**15.916**
Stddev	.00137	.0033	.091	.0018	.017
%RSD	.53256	.30744	.49809	.17044	.10947
#1	.25500	1.0799	18.239	1.0519	15.932
#2	.25744	1.0855	18.421	1.0548	15.898
#3	.25728	1.0795	18.333	1.0551	15.920
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51126**	**.01263**	**487.44**	**.56928**	**.52519**
Stddev	.00120	.00010	2.16	.00139	.00283
%RSD	.23419	.77624	.44283	.24433	.53900
#1	.51257	.01274	486.88	.57087	.52668
#2	.51099	.01257	485.62	.56831	.52698
#3	.51022	.01258	489.82	.56865	.52193
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CVVD Acquired: 6/4/2010 14:19:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**2.1555**	**5.6058**	**-.00012**	**2.7719**
Stddev	.00106	.0049	.0139	.00032	.0078
%RSD	929.56	.22654	.24812	274.13	.28046
#1	.00110	2.1606	5.6144	.00025	2.7702
#2	-.00084	2.1550	5.5897	-.00031	2.7803
#3	-.00060	2.1508	5.6131	-.00030	2.7651
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00273**	**2.0353**	**.53620**	**.53350**
Stddev	.00230	.0073	.00073	.00110
%RSD	84.103	.35836	.13605	.20703
#1	.00515	2.0378	.53558	.53351
#2	.00058	2.0411	.53602	.53461
#3	.00246	2.0271	.53700	.53240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CVVD Acquired: 6/4/2010 14:19:15 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2689.7**	**6564.8**	**95002.**	**15132.**
Stddev	19.4	47.1	1039.	108.
%RSD	.72097	.71748	1.0936	.71297
#1	2703.8	6604.7	96202.	15245.
#2	2667.6	6512.8	94402.	15123.
#3	2697.8	6576.8	94403.	15030.

Sample Name: L2DVNBF Acquired: 6/4/2010 14:23:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00021**	**.00209**	**.00008**	**.00270**	**-.00053**
Stddev	.00040	.01363	.00090	.00043	.00018
%RSD	192.95	650.66	1081.8	15.904	33.300
#1	-.00027	.01494	.00095	.00315	-.00062
#2	-.00057	-.01220	.00015	.00267	-.00064
#3	.00022	.00355	-.00085	.00229	-.00033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**-.00512**	**-.00004**	**.00006**	**-.00054**
Stddev	.00006	.00574	.00005	.00017	.00022
%RSD	17.241	112.11	126.58	290.46	40.858
#1	-.00037	-.00951	-.00009	-.00003	-.00044
#2	-.00040	-.00722	.00001	-.00005	-.00038
#3	-.00028	.00137	-.00004	.00025	-.00079
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVNBF Acquired: 6/4/2010 14:23:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00019**	**-.00216**	**.17452**	**.00047**	**-.01389**
Stddev	.00131	.00068	.04550	.00100	.01342
%RSD	682.61	31.747	26.071	214.35	96.598
#1	-.00051	-.00271	.22653	.00125	-.01404
#2	-.00131	-.00139	.14207	-.00066	-.00040
#3	.00125	-.00237	.15497	.00080	-.02723
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00072**	**-.00091**	**.35731**	**-.00021**	**.00006**
Stddev	.00041	.00026	.02927	.00028	.00083
%RSD	57.327	28.800	8.1927	132.48	1494.2
#1	-.00055	-.00061	.34409	-.00052	-.00090
#2	-.00120	-.00099	.33698	.00004	.00046
#3	-.00043	-.00112	.39086	-.00016	.00061
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2DVNBF Acquired: 6/4/2010 14:23:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00100**	**.00183**	**.01142**	**-.00035**	**-.00019**
Stddev	.00099	.00167	.00436	.00024	.00018
%RSD	98.786	91.290	38.154	69.831	93.313
#1	.00213	-.00008	.01642	-.00011	-.00032
#2	.00040	.00258	.00944	-.00034	-.00027
#3	.00045	.00299	.00841	-.00060	.00001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Corr. Fa

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00117**	**-.00025**	**.00001**	**.00192**
Stddev	.00088	.00149	.00007	.00007
%RSD	75.649	584.46	748.71	3.7859
#1	.00171	-.00034	.00006	.00199
#2	.00015	.00127	-.00007	.00192
#3	.00165	-.00170	.00004	.00185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Corr. Fa

Sample Name: L2DVNBF Acquired: 6/4/2010 14:23:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3042.0**	**6878.4**	**101930.**	**15259.**
Stddev	6.0	20.8	576.	111.
%RSD	.19840	.30299	.56524	.72920
#1	3036.2	6861.6	101650.	15375.
#2	3041.4	6871.9	101540.	15247.
#3	3048.2	6901.7	102590.	15154.

Sample Name: L2DVNCF Acquired: 6/4/2010 14:27:59 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05036**	**2.1045**	**2.0841**	**1.0442**	**2.0356**
Stddev	.00023	.0076	.0033	.0040	.0016
%RSD	.45634	.36277	.15717	.38147	.07960
#1	.05013	2.0984	2.0878	1.0485	2.0351
#2	.05035	2.1131	2.0823	1.0434	2.0374
#3	.05059	2.1021	2.0821	1.0406	2.0342
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05067**	F **-.00797**	**.05078**	**.51772**	**.20705**
Stddev	.00008	.00265	.00002	.00049	.00047
%RSD	.15752	33.307	.04911	.09498	.22688
#1	.05058	-.00974	.05075	.51813	.20755
#2	.05071	-.00924	.05080	.51786	.20695
#3	.05073	-.00492	.05077	.51717	.20663
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit		60.000			
Low Limit		40.000			

Sample Name: L2DVNCF Acquired: 6/4/2010 14:27:59 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25659**	**1.0855**	F **.11795**	**1.0113**	F **-.01296**
Stddev	.00496	.0035	.03246	.0035	.01676
%RSD	1.9340	.32541	27.517	.34369	129.26
#1	.25993	1.0850	.14189	1.0073	.00112
#2	.25895	1.0892	.08101	1.0136	-.00852
#3	.25089	1.0822	.13095	1.0131	-.03149
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail
High Limit			60.000		60.000
Low Limit			40.000		40.000

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51796**	F **-.00092**	F **.23440**	**.52039**	**.50440**
Stddev	.00142	.00009	.00760	.00089	.00290
%RSD	.27334	9.4652	3.2443	.17088	.57558
#1	.51646	-.00082	.22756	.52134	.50647
#2	.51927	-.00095	.23305	.52023	.50108
#3	.51815	-.00099	.24259	.51959	.50566
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass
High Limit		1.2000	60.000		
Low Limit		.80000	40.000		

Sample Name: L2DVNCF Acquired: 6/4/2010 14:27:59 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	F **-.00055**	**2.1104**	F **.00687**	F **.00033**	**1.0293**
Stddev	.00060	.0028	.00333	.00017	.0019
%RSD	108.61	.13372	48.413	51.691	.18676
#1	-.00058	2.1076	.01069	.00016	1.0282
#2	-.00113	2.1102	.00532	.00050	1.0316
#3	.00006	2.1133	.00461	.00033	1.0283
Check ?	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Pass
High Limit	.60000		12.000	2.4000	
Low Limit	.40000		8.0000	1.6000	

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	F **.00006**	**2.0533**	**.51282**	**.52477**
Stddev	.00155	.0039	.00115	.00190
%RSD	2548.6	.18759	.22328	.36177
#1	.00002	2.0576	.51398	.52676
#2	.00164	2.0502	.51169	.52299
#3	-.00147	2.0521	.51280	.52455
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit	1.2000			
Low Limit	.80000			

Sample Name: L2DVNCF Acquired: 6/4/2010 14:27:59 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3022.6**	**6865.1**	**102320.**	**15526.**
Stddev	24.1	57.7	1022.	150.
%RSD	.79861	.83999	.99864	.96882
#1	3007.8	6829.4	101760.	15686.
#2	3050.5	6931.6	103500.	15387.
#3	3009.6	6834.2	101710.	15506.

Sample Name: L2CJ2F Acquired: 6/4/2010 14:32:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00039**	**.01273**	**.00056**	**.63454**	**.17710**
Stddev	.00070	.00580	.00148	.00075	.00038
%RSD	179.58	45.552	264.26	.11798	.21630
#1	-.00112	.01689	.00190	.63505	.17718
#2	.00026	.00611	-.00103	.63490	.17744
#3	-.00031	.01518	.00082	.63368	.17669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00037**	**38.871**	**-.00011**	**.00019**	**.00030**
Stddev	.00003	.206	.00005	.00012	.00021
%RSD	8.4445	.52919	46.759	62.122	69.580
#1	-.00036	38.783	-.00006	.00005	.00047
#2	-.00035	39.106	-.00017	.00026	.00007
#3	-.00041	38.724	-.00011	.00024	.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2F Acquired: 6/4/2010 14:32:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00058**	**.05031**	**5.8922**	**.02150**	**13.130**
Stddev	.00242	.00087	.1101	.00158	.032
%RSD	416.42	1.7314	1.8683	7.3502	.24364
#1	-.00146	.05098	5.9395	.02299	13.121
#2	-.00005	.04932	5.9706	.02166	13.165
#3	.00326	.05062	5.7663	.01984	13.103
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.01901**	**-.00066**	**34.454**	**.00031**	**.00059**
Stddev	.00032	.00014	.116	.00013	.00064
%RSD	1.6764	20.789	.33596	40.372	108.17
#1	.01864	-.00062	34.433	.00024	.00110
#2	.01920	-.00054	34.579	.00024	-.00013
#3	.01919	-.00081	34.350	.00046	.00080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2F Acquired: 6/4/2010 14:32:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00042**	**.00237**	**6.7963**	**.00016**	**.66055**
Stddev	.00021	.00061	.0304	.00046	.00267
%RSD	50.629	25.598	.44754	293.40	.40487
#1	.00063	.00307	6.8063	.00017	.66006
#2	.00042	.00195	6.8205	-.00031	.66344
#3	.00020	.00210	6.7622	.00060	.65815
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00023**	**-.00067**	**-.00014**	**.00007**
Stddev	.00133	.00076	.00042	.00007
%RSD	591.36	113.44	305.68	103.93
#1	.00126	-.00096	-.00023	.00008
#2	-.00128	-.00125	-.00050	-.00001
#3	.00069	.00019	.00032	.00013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ2F Acquired: 6/4/2010 14:32:10 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2915.5**	**6728.1**	**99265.**	**15106.**
Stddev	22.2	46.4	629.	101.
%RSD	.76090	.68926	.63389	.66782
#1	2916.9	6737.8	98548.	15217.
#2	2937.0	6768.8	99726.	15019.
#3	2892.7	6677.6	99520.	15084.

Sample Name: L2CJ2P5F Acquired: 6/4/2010 14:36:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00071**	**.00163**	**-.00229**	**.12303**	**.03493**
Stddev	.00057	.01644	.00089	.00021	.00012
%RSD	81.136	1005.6	38.624	.17381	.33906
#1	-.00118	-.01287	-.00135	.12326	.03483
#2	-.00087	-.00172	-.00242	.12297	.03506
#3	-.00007	.01949	-.00311	.12285	.03491
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00035**	**7.8512**	**-.00006**	**-.00018**	**-.00015**
Stddev	.00006	.0307	.00002	.00011	.00024
%RSD	16.204	.39156	33.982	63.080	157.99
#1	-.00039	7.8666	-.00007	-.00028	-.00023
#2	-.00037	7.8158	-.00004	-.00019	-.00034
#3	-.00028	7.8712	-.00007	-.00006	.00012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2P5F Acquired: 6/4/2010 14:36:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00136**	**.01091**	**1.2073**	**.00222**	**2.6180**
Stddev	.00219	.00333	.0815	.00233	.0095
%RSD	160.96	30.531	6.7478	104.87	.36284
#1	-.00309	.00745	1.2799	.00152	2.6282
#2	-.00208	.01116	1.2228	.00482	2.6093
#3	.00110	.01410	1.1192	.00032	2.6165
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00337**	**-.00094**	**6.9740**	**.00130**	**-.00084**
Stddev	.00033	.00022	.0187	.00023	.00025
%RSD	9.6924	22.936	.26760	17.713	29.445
#1	.00299	-.00072	6.9725	.00154	-.00059
#2	.00358	-.00115	6.9561	.00108	-.00083
#3	.00354	-.00095	6.9933	.00127	-.00109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2P5F Acquired: 6/4/2010 14:36:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00078**	**-.00074**	**1.3519**	**.00032**	**.13308**
Stddev	.00060	.00144	.0082	.00028	.00071
%RSD	77.330	195.20	.60395	89.614	.53390
#1	.00144	-.00030	1.3460	.00006	.13312
#2	.00028	-.00234	1.3484	.00062	.13235
#3	.00060	.00044	1.3612	.00026	.13377
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00161**	**-.00107**	**-.00050**	**.00090**
Stddev	.00131	.00108	.00021	.00018
%RSD	81.515	100.44	41.891	19.672
#1	-.00181	-.00011	-.00038	.00081
#2	-.00021	-.00223	-.00074	.00079
#3	-.00281	-.00088	-.00038	.00110
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ2P5F Acquired: 6/4/2010 14:36:33 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2990.9**	**6719.0**	**99849.**	**14666.**
Stddev	23.6	53.9	1559.	218.
%RSD	.78879	.80225	1.5618	1.4876
#1	2972.0	6669.5	98101.	14901.
#2	3017.3	6776.4	100350.	14625.
#3	2983.4	6711.0	101100.	14471.

Sample Name: L2CJ2SF Acquired: 6/4/2010 14:40:57 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04972**	**2.1021**	**2.1067**	**1.6695**	**2.1840**
Stddev	.00057	.0027	.0099	.0033	.0032
%RSD	1.1369	.12649	.46876	.19906	.14823
#1	.05037	2.1000	2.1152	1.6725	2.1803
#2	.04942	2.1051	2.0959	1.6659	2.1865
#3	.04936	2.1012	2.1090	1.6701	2.1852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05130**	**38.095**	**.04963**	**.51504**	**.20471**
Stddev	.00009	.044	.00015	.00093	.00055
%RSD	.16975	.11659	.30639	.18112	.27104
#1	.05120	38.044	.04963	.51609	.20535
#2	.05136	38.114	.04978	.51431	.20440
#3	.05134	38.126	.04947	.51471	.20437
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2SF Acquired: 6/4/2010 14:40:57 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25112**	**1.1532**	**5.8502**	**1.0316**	**12.760**
Stddev	.00184	.0055	.0092	.0026	.043
%RSD	.73361	.47329	.15673	.25110	.33696
#1	.24900	1.1473	5.8399	1.0289	12.712
#2	.25232	1.1541	5.8531	1.0341	12.773
#3	.25204	1.1581	5.8575	1.0317	12.795
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.52657**	**-.00069**	**33.560**	**.51534**	**.50036**
Stddev	.00106	.00012	.036	.00051	.00194
%RSD	.20151	17.901	.10860	.09896	.38866
#1	.52576	-.00079	33.539	.51593	.49993
#2	.52618	-.00055	33.602	.51509	.49866
#3	.52777	-.00074	33.539	.51501	.50248
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2SF Acquired: 6/4/2010 14:40:57 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00149**	**2.1112**	**6.6458**	**.00001**	**1.6746**
Stddev	.00035	.0057	.0086	.00068	.0031
%RSD	23.513	.26811	.12967	8552.1	.18768
#1	-.00186	2.1175	6.6369	.00044	1.6715
#2	-.00116	2.1095	6.6465	.00036	1.6746
#3	-.00146	2.1065	6.6541	-.00078	1.6778
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00111**	**2.0294**	**.51533**	**.51305**
Stddev	.00181	.0062	.00108	.00131
%RSD	163.19	.30480	.21019	.25463
#1	.00138	2.0326	.51618	.51438
#2	.00276	2.0223	.51570	.51300
#3	-.00082	2.0333	.51411	.51177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ2SF Acquired: 6/4/2010 14:40:57 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2930.1**	**6794.4**	**98654.**	**15414.**
Stddev	17.5	49.5	469.	148.
%RSD	.59799	.72874	.47584	.95710
#1	2923.6	6779.7	98354.	15553.
#2	2916.7	6754.0	98414.	15431.
#3	2949.9	6849.6	99195.	15259.

Sample Name: L2CJ2DF Acquired: 6/4/2010 14:45:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05057**	**2.1244**	**2.1599**	**1.7002**	**2.2077**
Stddev	.00034	.0094	.0051	.0012	.0006
%RSD	.66601	.44330	.23794	.06916	.02898
#1	.05031	2.1301	2.1649	1.7004	2.2069
#2	.05095	2.1135	2.1546	1.6989	2.2079
#3	.05044	2.1295	2.1601	1.7012	2.2082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.05190**	**37.585**	**.05053**	**.52144**	**.20947**
Stddev	.00010	.123	.00020	.00094	.00089
%RSD	.20203	.32831	.38656	.17961	.42314
#1	.05201	37.663	.05064	.52049	.20918
#2	.05180	37.443	.05031	.52148	.21046
#3	.05188	37.650	.05065	.52236	.20876
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2DF Acquired: 6/4/2010 14:45:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.25225**	**1.1369**	**5.6509**	**1.0463**	**12.603**
Stddev	.00249	.0053	.0458	.0008	.034
%RSD	.98649	.46600	.81045	.08056	.27012
#1	.24945	1.1345	5.6070	1.0472	12.621
#2	.25421	1.1332	5.6473	1.0461	12.564
#3	.25308	1.1430	5.6984	1.0455	12.624
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.53249**	**-.00085**	**33.360**	**.52299**	**.50785**
Stddev	.00041	.00005	.091	.00043	.00079
%RSD	.07779	5.2716	.27134	.08141	.15603
#1	.53205	-.00086	33.440	.52342	.50698
#2	.53258	-.00090	33.261	.52298	.50806
#3	.53286	-.00081	33.377	.52257	.50852
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ2DF Acquired: 6/4/2010 14:45:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00004**	**2.1494**	**6.5843**	**.00009**	**1.6766**
Stddev	.00023	.0026	.0096	.00062	.0034
%RSD	585.88	.12214	.14570	719.64	.20046
#1	.00013	2.1524	6.5848	.00035	1.6767
#2	.00021	2.1486	6.5745	-.00062	1.6732
#3	-.00022	2.1474	6.5937	.00052	1.6799
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00050**	**2.0836**	**.52538**	**.52820**
Stddev	.00146	.0051	.00029	.00082
%RSD	291.73	.24275	.05484	.15516
#1	.00050	2.0892	.52509	.52862
#2	.00197	2.0793	.52539	.52725
#3	-.00096	2.0824	.52566	.52871
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ2DF Acquired: 6/4/2010 14:45:05 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2917.2**	**6727.4**	**98303.**	**15312.**
Stddev	13.8	36.3	279.	241.
%RSD	.47352	.53969	.28386	1.5722
#1	2902.8	6689.4	98400.	15159.
#2	2930.3	6761.7	97989.	15590.
#3	2918.5	6731.2	98521.	15189.

Sample Name: CCV1-6 Acquired: 6/4/2010 14:49:14 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0092**	**26.349**	F **.55079**	**2.0771**	**2.0203**
Stddev	.0011	.071	.00508	.0025	.0029
%RSD	.11083	.26965	.92232	.12138	.14428
#1	1.0101	26.287	.55179	2.0796	2.0211
#2	1.0097	26.426	.55529	2.0771	2.0171
#3	1.0080	26.333	.54528	2.0745	2.0228
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value			.50000		
Range			10.000%		

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0668**	**52.316**	**.48860**	**2.0921**	**2.0510**
Stddev	.0043	.149	.00023	.0030	.0018
%RSD	.20569	.28440	.04613	.14216	.08745
#1	2.0627	52.195	.48855	2.0887	2.0500
#2	2.0712	52.482	.48841	2.0934	2.0499
#3	2.0665	52.271	.48885	2.0943	2.0530
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-6 Acquired: 6/4/2010 14:49:14 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0362**	**26.265**	**131.54**	**2.0621**	**51.227**
Stddev	.0095	.028	.41	.0028	.146
%RSD	.46603	.10506	.31496	.13481	.28577
#1	2.0269	26.234	131.21	2.0647	51.071
#2	2.0458	26.282	132.01	2.0592	51.249
#3	2.0360	26.281	131.40	2.0623	51.362
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0073**	**2.0134**	**127.80**	**2.0897**	**.50969**
Stddev	.0073	.0009	.16	.0015	.00074
%RSD	.36314	.04494	.12221	.07044	.14551
#1	2.0013	2.0140	127.70	2.0881	.50883
#2	2.0052	2.0138	127.98	2.0910	.51009
#3	2.0154	2.0123	127.71	2.0900	.51015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-6 Acquired: 6/4/2010 14:49:14 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51462**	**.51845**	**2.0365**	**1.9761**	**2.0715**
Stddev	.00106	.00120	.0065	.0037	.0073
%RSD	.20658	.23118	.31881	.18840	.35038
#1	.51579	.51708	2.0291	1.9803	2.0657
#2	.51436	.51894	2.0388	1.9732	2.0797
#3	.51372	.51932	2.0415	1.9749	2.0692
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0551**	**1.0253**	**2.0831**	**2.0379**
Stddev	.0048	.0015	.0015	.0037
%RSD	.23150	.14630	.07052	.18279
#1	2.0496	1.0269	2.0826	2.0417
#2	2.0577	1.0250	2.0819	2.0377
#3	2.0580	1.0240	2.0847	2.0343
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-6 Acquired: 6/4/2010 14:49:14 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2710.0**	**6509.3**	**95021.**	**14416.**
Stddev	5.6	15.9	1261.	155.
%RSD	.20837	.24498	1.3266	1.0785
#1	2707.3	6493.5	96433.	14556.
#2	2706.2	6509.1	94008.	14248.
#3	2716.5	6525.4	94623.	14442.

Sample Name: CCB6 Acquired: 6/4/2010 14:53:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00025**	**.01810**	**-.00092**	**.00481**	**.00065**
Stddev	.00030	.00537	.00245	.00016	.00026
%RSD	118.71	29.675	267.75	3.3134	39.535
#1	-.00010	.01206	.00006	.00484	.00039
#2	-.00060	.02234	.00090	.00496	.00066
#3	-.00006	.01990	-.00371	.00464	.00090
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00013**	**.02441**	**.00014**	**.00051**	**.00052**
Stddev	.00004	.00394	.00003	.00019	.00018
%RSD	33.782	16.150	22.192	37.886	35.243
#1	.00009	.02008	.00012	.00031	.00041
#2	.00013	.02778	.00012	.00051	.00042
#3	.00018	.02537	.00018	.00070	.00073
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB6 Acquired: 6/4/2010 14:53:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00011**	**.01030**	**.04945**	**-.00107**	**.01191**
Stddev	.00097	.00149	.09313	.00082	.02294
%RSD	911.82	14.511	188.35	76.320	192.60
#1	.00121	.00860	.04046	-.00040	-.00866
#2	-.00027	.01086	-.03887	-.00083	.00774
#3	-.00062	.01143	.14675	-.00198	.03666
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00027**	**.00156**	**.17489**	**.00044**	**-.00092**
Stddev	.00027	.00022	.00840	.00021	.00068
%RSD	102.88	14.131	4.8039	48.342	73.846
#1	.00001	.00182	.17606	.00022	-.00154
#2	.00055	.00147	.18264	.00064	-.00020
#3	.00024	.00140	.16596	.00046	-.00102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB6 Acquired: 6/4/2010 14:53:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00083**	**.00052**	**.00071**	**.00108**	**.00012**
Stddev	.00059	.00270	.00524	.00044	.00008
%RSD	71.917	519.84	737.24	40.480	64.585
#1	.00064	.00334	.00510	.00058	.00016
#2	.00149	-.00203	.00213	.00138	.00017
#3	.00035	.00025	-.00510	.00127	.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00207**	**.00094**	**.00030**	**.00030**
Stddev	.00076	.00072	.00030	.00008
%RSD	36.730	76.972	102.33	27.554
#1	.00175	.00125	.00018	.00038
#2	.00293	.00011	.00007	.00021
#3	.00152	.00146	.00064	.00030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB6 Acquired: 6/4/2010 14:53:24 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2987.8**	**6753.1**	**100080.**	**14810.**
Stddev	6.2	12.2	159.	33.
%RSD	.20864	.18025	.15857	.22136
#1	2981.7	6746.6	100160.	14822.
#2	2994.2	6767.1	100180.	14772.
#3	2987.6	6745.5	99896.	14834.

Sample Name: L2CJ6F Acquired: 6/4/2010 14:57:50 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00031**	**.00927**	**.00061**	**1.2035**	**.02882**
Stddev	.00048	.00417	.00140	.0019	.00017
%RSD	152.99	45.045	230.11	.15980	.59354
#1	-.00015	.00459	-.00013	1.2054	.02878
#2	-.00085	.01261	-.00027	1.2033	.02900
#3	.00007	.01061	.00223	1.2016	.02867
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00011**	**65.609**	**-.00003**	**.00036**	**.00081**
Stddev	.00005	.118	.00004	.00006	.00053
%RSD	51.004	.17941	138.34	16.952	65.484
#1	-.00017	65.741	-.00006	.00040	.00060
#2	-.00006	65.571	.00002	.00029	.00141
#3	-.00009	65.515	-.00005	.00038	.00042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ6F Acquired: 6/4/2010 14:57:50 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00929**	**.01693**	**.52606**	**.02462**	**33.644**
Stddev	.00179	.00061	.06166	.00059	.039
%RSD	19.242	3.6267	11.721	2.4017	.11714
#1	.00736	.01754	.45652	.02530	33.628
#2	.00962	.01631	.54760	.02432	33.689
#3	.01089	.01693	.57405	.02424	33.615
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.08465**	**.00074**	**18.568**	**.00143**	**.00162**
Stddev	.00038	.00022	.040	.00014	.00050
%RSD	.45308	30.358	.21365	10.075	30.655
#1	.08484	.00051	18.612	.00128	.00208
#2	.08489	.00074	18.558	.00144	.00169
#3	.08420	.00096	18.535	.00156	.00109
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ6F Acquired: 6/4/2010 14:57:50 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00035**	**.00036**	**8.7790**	**-.00003**	**.16406**
Stddev	.00058	.00102	.0165	.00041	.00021
%RSD	164.19	283.56	.18815	1474.4	.13062
#1	.00081	-.00013	8.7666	-.00045	.16430
#2	.00054	-.00032	8.7977	-.00001	.16398
#3	-.00030	.00154	8.7727	.00037	.16389
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00088**	**-.00078**	**-.00003**	**.05505**
Stddev	.00112	.00058	.00028	.00020
%RSD	127.49	74.978	1094.8	.36945
#1	.00216	-.00143	.00023	.05511
#2	.00036	-.00058	.00002	.05482
#3	.00011	-.00032	-.00032	.05521
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ6F Acquired: 6/4/2010 14:57:50 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2939.3**	**6834.6**	**101300.**	**15417.**
Stddev	16.8	41.5	431.	65.
%RSD	.57159	.60763	.42588	.42317
#1	2929.9	6811.4	101100.	15485.
#2	2958.7	6882.6	100990.	15355.
#3	2929.3	6809.9	101790.	15412.

Sample Name: L2CJ7F Acquired: 6/4/2010 15:02:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00053**	**.00498**	**.00110**	**.31209**	**.01802**
Stddev	.00042	.00971	.00102	.00132	.00046
%RSD	79.657	195.13	92.789	.42403	2.5391
#1	-.00034	.00301	.00203	.31346	.01787
#2	-.00101	-.00360	.00001	.31198	.01766
#3	-.00023	.01552	.00126	.31082	.01854
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00021**	**68.809**	**.00006**	**.00009**	**.00006**
Stddev	.00005	.186	.00001	.00037	.00028
%RSD	25.238	.27023	18.774	397.07	482.66
#1	-.00015	68.610	.00005	.00042	-.00005
#2	-.00026	68.839	.00007	-.00031	-.00015
#3	-.00022	68.979	.00005	.00017	.00037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ7F Acquired: 6/4/2010 15:02:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.04319**	**.00221**	**16.903**	**.06694**	**27.137**
Stddev	.00143	.00178	.171	.00173	.036
%RSD	3.3174	80.751	1.0120	2.5816	.13286
#1	.04178	.00250	16.735	.06523	27.125
#2	.04316	.00383	16.896	.06868	27.108
#3	.04464	.00030	17.077	.06693	27.177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.02148**	**.00323**	**58.548**	**.00208**	**.00052**
Stddev	.00025	.00027	.113	.00037	.00043
%RSD	1.1418	8.3270	.19320	17.717	81.430
#1	.02146	.00350	58.429	.00207	.00080
#2	.02174	.00296	58.561	.00245	.00074
#3	.02125	.00323	58.654	.00171	.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ7F Acquired: 6/4/2010 15:02:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00093**	**-.00030**	**7.5796**	**.00007**	**.75533**
Stddev	.00211	.00281	.0259	.00032	.00166
%RSD	227.94	925.90	.34138	449.70	.21939
#1	-.00323	-.00258	7.5627	.00044	.75344
#2	.00091	-.00117	7.5668	-.00019	.75598
#3	-.00045	.00283	7.6094	-.00003	.75656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00128**	**-.00099**	**.00017**	**.29104**
Stddev	.00190	.00040	.00020	.00091
%RSD	148.35	40.020	117.74	.31417
#1	.00329	-.00143	.00023	.29207
#2	-.00049	-.00088	-.00005	.29072
#3	.00105	-.00066	.00034	.29032
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ7F Acquired: 6/4/2010 15:02:12 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2878.4**	**6717.8**	**98366.**	**15079.**
Stddev	25.6	55.0	972.	163.
%RSD	.88851	.81873	.98827	1.0836
#1	2855.4	6665.9	97270.	15246.
#2	2905.9	6775.4	98703.	15072.
#3	2874.0	6712.0	99125.	14919.

Sample Name: L2CJ8F Acquired: 6/4/2010 15:06:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00014**	**.12046**	**.00830**	**.42201**	**.04246**
Stddev	.00015	.00904	.00200	.00017	.00064
%RSD	106.58	7.5051	24.106	.03957	1.5050
#1	-.00023	.12067	.00618	.42182	.04320
#2	.00003	.12940	.00857	.42205	.04206
#3	-.00021	.11132	.01015	.42215	.04212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00023**	**125.00**	**-.00006**	**.00040**	**-.00017**
Stddev	.00006	1.92	.00003	.00034	.00029
%RSD	24.390	1.5385	46.526	85.498	173.64
#1	-.00016	126.89	-.00010	.00020	-.00046
#2	-.00026	123.05	-.00004	.00080	.00012
#3	-.00026	125.06	-.00006	.00021	-.00016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ8F Acquired: 6/4/2010 15:06:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00013**	**1.2217**	**2.0680**	**.04458**	**51.612**
Stddev	.00148	.0057	.1218	.00025	.168
%RSD	1147.5	.46742	5.8888	.55524	.32503
#1	.00129	1.2283	2.2077	.04450	51.795
#2	-.00002	1.2183	2.0119	.04438	51.466
#3	-.00166	1.2186	1.9844	.04485	51.574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.39079**	**.00048**	**53.634**	**.00184**	**.00070**
Stddev	.00200	.00008	.182	.00023	.00048
%RSD	.51244	16.288	.33940	12.380	68.939
#1	.39306	.00043	53.842	.00200	.00061
#2	.38930	.00058	53.557	.00158	.00027
#3	.39000	.00045	53.504	.00193	.00122
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: L2CJ8F Acquired: 6/4/2010 15:06:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00030**	**.00231**	**6.5750**	**-.00035**	**.35460**
Stddev	.00085	.00076	.0200	.00016	.00202
%RSD	285.97	32.749	.30456	44.366	.56858
#1	-.00055	.00260	6.5943	-.00047	.35684
#2	.00030	.00288	6.5543	-.00017	.35402
#3	.00114	.00145	6.5765	-.00041	.35294
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**.00396**	**-.00168**	**.00001**	**.01324**
Stddev	.00143	.00144	.00034	.00005
%RSD	36.017	85.827	2964.8	.40885
#1	.00493	-.00326	.00033	.01320
#2	.00464	-.00132	.00004	.01330
#3	.00232	-.00045	-.00034	.01322
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: L2CJ8F Acquired: 6/4/2010 15:06:31 Type: Unk
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2805.1**	**6617.0**	**97391.**	**15202.**
Stddev	4.3	9.6	718.	19.
%RSD	.15333	.14489	.73758	.12763
#1	2803.7	6611.5	97391.	15180.
#2	2801.7	6611.4	98110.	15212.
#3	2810.0	6628.0	96673.	15215.

Sample Name: CCV1-7 Acquired: 6/4/2010 15:11:01 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**1.0144**	**26.159**	F **.55260**	**2.0818**	**2.0378**
Stddev	.0035	.089	.00211	.0029	.0034
%RSD	.34259	.34142	.38273	.13737	.16422
#1	1.0122	26.158	.55477	2.0851	2.0340
#2	1.0184	26.071	.55250	2.0798	2.0388
#3	1.0125	26.249	.55054	2.0805	2.0404
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
Value			.50000		
Range			10.000%		

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0733**	**52.161**	**.49072**	**2.1027**	**2.0512**
Stddev	.0056	.140	.00060	.0015	.0073
%RSD	.26783	.26841	.12181	.07143	.35752
#1	2.0696	52.145	.49009	2.1010	2.0444
#2	2.0707	52.030	.49128	2.1038	2.0590
#3	2.0797	52.309	.49077	2.1033	2.0504
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-7 Acquired: 6/4/2010 15:11:01 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0171**	**26.290**	**130.21**	**2.0635**	**51.432**
Stddev	.0047	.010	.34	.0057	.063
%RSD	.23374	.03732	.25854	.27820	.12305
#1	2.0211	26.282	130.24	2.0589	51.421
#2	2.0119	26.288	129.86	2.0616	51.375
#3	2.0184	26.301	130.53	2.0699	51.501
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**2.0175**	**2.0278**	**128.16**	**2.0989**	**.51003**
Stddev	.0030	.0027	.34	.0019	.00094
%RSD	.14746	.13390	.26858	.08797	.18402
#1	2.0151	2.0252	127.90	2.1005	.51094
#2	2.0208	2.0306	128.03	2.0969	.51007
#3	2.0165	2.0276	128.55	2.0993	.50906
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Sample Name: CCV1-7 Acquired: 6/4/2010 15:11:01 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.51501**	**.51802**	**2.0390**	**1.9824**	**2.0622**
Stddev	.00104	.00222	.0032	.0024	.0069
%RSD	.20282	.42771	.15481	.11914	.33381
#1	.51405	.52057	2.0419	1.9797	2.0623
#2	.51484	.51684	2.0356	1.9840	2.0552
#3	.51612	.51664	2.0394	1.9836	2.0690
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value					
Range					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**2.0522**	**1.0218**	**2.0882**	**2.0363**
Stddev	.0060	.0037	.0046	.0018
%RSD	.29098	.35982	.22134	.08859
#1	2.0510	1.0233	2.0829	2.0347
#2	2.0469	1.0176	2.0913	2.0360
#3	2.0587	1.0245	2.0905	2.0383
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Sample Name: CCV1-7 Acquired: 6/4/2010 15:11:01 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2684.1**	**6436.4**	**94048.**	**14574.**
Stddev	16.3	39.8	918.	123.
%RSD	.60683	.61765	.97597	.84364
#1	2702.9	6482.1	95059.	14463.
#2	2674.4	6410.1	93267.	14553.
#3	2675.0	6416.9	93819.	14706.

Sample Name: CCB7 Acquired: 6/4/2010 15:15:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Ag	Al	As	B_	Ba
Line	328.068 {103}	396.152 { 85}	189.042 {479}	208.959 {461}	455.403 { 74}
IS Ref	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00004**	**.02429**	**.00004**	**.00370**	**.00088**
Stddev	.00028	.00846	.00080	.00050	.00013
%RSD	645.19	34.846	2133.9	13.443	15.314
#1	.00011	.03364	.00049	.00418	.00103
#2	-.00027	.02208	.00051	.00372	.00078
#3	.00029	.01714	-.00089	.00319	.00082
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Be	Ca	Cd	Co	Cr
Line	313.042 {108}	317.933 {106}	214.438 {457}	228.616 {447}	267.716 {126}
IS Ref	(Y_3710)	(Y_3710)	(Y_2243)	(In2306)	(Y_3600)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00020**	**.02610**	**.00011**	**.00044**	**.00051**
Stddev	.00002	.00071	.00002	.00017	.00015
%RSD	8.4422	2.7309	22.585	38.447	29.002
#1	.00019	.02657	.00010	.00061	.00058
#2	.00022	.02528	.00008	.00044	.00061
#3	.00019	.02646	.00013	.00027	.00034
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB7 Acquired: 6/4/2010 15:15:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Cu	Fe	K_	Li	Mg
Line	324.754 {104}2	259.940 {130}	769.896 { 44}	670.784 { 50}	279.079 {121}
IS Ref	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**-.00092**	**.01044**	**.11272**	**-.00093**	**.03119**
Stddev	.00130	.00105	.04157	.00048	.01813
%RSD	140.11	10.080	36.877	51.681	58.125
#1	-.00127	.01075	.14250	-.00065	.01390
#2	.00051	.00927	.13044	-.00065	.02962
#3	-.00201	.01131	.06523	-.00148	.05006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Mn	Mo	Na	Ni	Pb
Line	257.610 {131}2	202.030 {467}	589.592 { 57}	231.604 {445}	220.353 {453}
IS Ref	(Y_3710)	(Y_2243)	(Y_3710)	(In2306)	(In2306)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00031**	**.00151**	**.15865**	**.00062**	**-.00158**
Stddev	.00021	.00022	.01099	.00028	.00042
%RSD	66.537	14.512	6.9266	45.207	26.398
#1	.00045	.00176	.16606	.00091	-.00192
#2	.00042	.00141	.16386	.00059	-.00111
#3	.00007	.00136	.14602	.00036	-.00171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Sample Name: CCB7 Acquired: 6/4/2010 15:15:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Elem	Sb	Se	Si	Sn	Sr
Line	206.833 {463}	196.090 {472}	251.611 {134}	189.989 {477}	407.771 { 83}
IS Ref	(Y_2243)	(Y_2243)	(Y_3710)	(Y_2243)	(Y_3710)
Units	ppm	ppm	ppm	ppm	ppm
Avg	**.00035**	**-.00026**	**.00348**	**.00084**	**.00027**
Stddev	.00151	.00034	.00339	.00031	.00008
%RSD	427.12	131.51	97.632	36.575	31.441
#1	-.00139	-.00054	.00673	.00119	.00024
#2	.00121	-.00036	.00375	.00060	.00036
#3	.00124	.00012	-.00004	.00074	.00020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit					
Low Limit					

Elem	Ti	Tl	V_	Zn
Line	334.904 {101}	190.856 {477}	292.402 {115}	206.200 {463}
IS Ref	(Y_3710)	(In2306)	(Y_3600)	(Y_2243)
Units	ppm	ppm	ppm	ppm
Avg	**-.00092**	**-.00073**	**.00015**	**.00000**
Stddev	.00070	.00052	.00034	.0001
%RSD	75.273	71.592	233.09	1526.9
#1	-.00048	-.00128	-.00013	.00007
#2	-.00173	-.00065	.00004	-.00005
#3	-.00057	-.00025	.00053	-.00003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit				
Low Limit				

Sample Name: CCB7 Acquired: 6/4/2010 15:15:13 Type: QC
Method: 6500MET(v879) Mode: CONC Corr. Factor: 1.000000
User: RGood Custom ID1: Q00604C Custom ID2: RJG Custom ID3: Int: 2660-10
Comment: TestAmerica Pittsburgh ICP Metals Analysis - Inst 6500ICP

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Line	230.606 {446}	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3017.0**	**6809.2**	**100380.**	**14621.**
Stddev	3.3	11.9	114.	52.
%RSD	.10838	.17508	.11338	.35737
#1	3014.6	6799.4	100300.	14613.
#2	3015.7	6805.7	100510.	14677.
#3	3020.7	6822.5	100340.	14573.

North Canton

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3	CorrFact	Check	Check Table
1	500	5	1	5	QC	ICV1-1 MET2413-10	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	ICV
2	500	5	1	5	QC	ICV1-2 MET2413-10	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	ICV
3	505	5	1	10	QC	ICB1	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
4	501	5	1	6	QC	CRA/RLV MET2136-	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CRA
5	502	5	1	7	QC	ICSA MET2410-10	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	ICSA
6	503	5	1	8	QC	ICSAB MET2201-10	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	ICSAB
7	504	5	1	9	QC	CCV1-1 MET2728-1	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
8	505	5	1	10	QC	CCB1	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
9	1	1	1	1	Unk	L2E69BT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	TCLPMB
10	2	1	2	1	Unk	L2C60BT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	TCLPMB
11	3	1	3	1	Unk	L2E69CT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW
12	4	1	4	1	Unk	L15V9T	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
13	5	1	5	1	Unk	L15V9P5T	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
14	6	1	6	1	Unk	L15V9ST	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
15	7	1	7	1	Unk	L15V9DT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
16	8	1	8	1	Unk	L15V9ST/2	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
17	9	1	9	1	Unk	L15V9DT/2	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
18	10	1	10	1	Unk	L15XGT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
19	504	5	1	9	QC	CCV1-2	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
20	505	5	1	10	QC	CCB2	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
21	11	1	11	1	Unk	L15XKT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
22	12	1	12	1	Unk	L16D2T	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
23	13	1	1	2	Unk	L19EJT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
24	14	1	2	2	Unk	L19EKT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
25	15	1	3	2	Unk	L19ENT	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
26	16	1	4	2	Unk	L2DVHBF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	MB
27	17	1	5	2	Unk	L2DVHCF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW
28	18	1	6	2	Unk	L1796F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
29	19	1	7	2	Unk	L1798F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
30	20	1	8	2	Unk	L179VF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
31	504	5	1	9	QC	CCV1-3	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
32	505	5	1	10	QC	CCB3	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
33	21	1	9	2	Unk	L179VP5F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
34	22	1	10	2	Unk	L179VSF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
35	23	1	11	2	Unk	L179VDF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
36	24	1	12	2	Unk	L1839F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
37	25	1	1	3	Unk	L184NF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
38	26	1	2	3	Unk	L184PF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
39	27	1	3	3	Unk	L184QF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
40	28	1	4	3	Unk	L184TF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
41	29	1	5	3	Unk	L18AAF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
42	30	1	6	3	Unk	L2E7DBF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	MB
43	504	5	1	9	QC	CCV1-4	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
44	505	5	1	10	QC	CCB4	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
45	31	1	7	3	Unk	L2E7DCF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW

	Pos ID	Rack	Row	Col	Type	Samplename	Comment	Custom ID1	Custom ID2	Custom ID3	CorrFact	Check	Check Table
46	32	1	8	3	Unk	L2D0EF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
47	33	1	9	3	Unk	L2D0EP5F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
48	34	1	10	3	Unk	L2D0ESF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
49	35	1	11	3	Unk	L2D0EDF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
50	36	1	12	3	Unk	L2D0FF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
51	37	1	1	4	Unk	L2D0JF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
52	38	1	2	4	Unk	L2D0MF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
53	39	1	3	4	Unk	L2DVVB	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	MB
54	40	1	4	4	Unk	L2DVVC	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW
55	504	5	1	9	QC	CCV1-5	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
56	505	5	1	10	QC	CCB5	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
57	41	1	5	4	Unk	L2CVV	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
58	42	1	6	4	Unk	L2CVVP5	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
59	43	1	7	4	Unk	L2CVVS	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
60	44	1	8	4	Unk	L2CVVD	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
61	45	1	9	4	Unk	L2DVNBF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	MB
62	46	1	10	4	Unk	L2DVNCF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LCSW
63	47	1	11	4	Unk	L2CJ2F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
64	48	1	12	4	Unk	L2CJ2P5F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
65	49	1	1	5	Unk	L2CJ2SF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
66	50	1	2	5	Unk	L2CJ2DF	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
67	504	5	1	9	QC	CCV1-6	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
68	505	5	1	10	QC	CCB6	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK
69	51	1	3	5	Unk	L2CJ6F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
70	52	1	4	5	Unk	L2CJ7F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
71	53	1	5	5	Unk	L2CJ8F	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	LR
72	504	5	1	9	QC	CCV1-7	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	CCV
73	505	5	1	10	QC	CCB7	TestAmerica Pittsbur	Q00604C	RJG	Int: 2660-10	1	☒	BLK

TestAmerica Pittsburgh *Metals Preparation Log*

Batch No. 0154092

v1.0.5 - Last Revised 12/30/2005

Method 3005A	**Matrix** Water	**Start Time** 0840	**SDG** -
Analyst Caitlyn Haluck	**Date** 6/3/10	**Lot Numbers**	
MS TAPITT-MS-B, TAPITT-MS-C		A0E280509, A0E280605	
Lab Lot # -met2145-10, met2283-10			
Analyst Sign: Caitlyn Haluck			

Sample ID	Initial Wt/Vol g/mL	Final Vol mL	Comments
L1796	50mL	50mL	
L1798			6-3-10 CH
L179V			
L179V S			+0.5mL ms-B, ms-C
L179V D			
L1839			
L184N			
L184P			
L184Q			6-3-10 CH
L184T			
L18AA			
L2DVH B	50mL DI		
L2DVH C			+0.5mL ms-B, ms-C
			6-3-10 CH

SAMPLE CODING: B-Blank C-Check L-Check Duplicate S-Matrix Spike D-Matrix Spike Duplicate X-Sample Duplicate

NOTE: Samples marked with an asterisk (*) required filtration after digestion and prior to analysis
Samples marked with a plus sign (+) required additional Conc.HNO3 in digestion process, brown fumes were observed

Reagents: 1 mL Conc. HNO3, 6623 J04031, MG Scientific
2.5 mL Conc. HCl, 5587 H42A18, MG Scientific

Hot Plate/Block Temp	Correction Factor
#3/96°C	-1.0°C

Minimum digestion times have been met (analyst initials): CH

Digestate(s)	Date	Time	(Received)	Analyst	Location	Date	Time	(Relinquished)	Analyst	Location
all above	6-3-10		1300	CH	Peco	6-3-10		1345	CH	D5
All Above	6-4-10		0945	RB	D5	6-4-10		1045	RB	D5

	Lot Number	Manufacturer	
Initial Digestion Vessel:	A909LS162	Environmental Express	**Pipet #:** 03F95602
Final Digestion Vessel:	n/a	n/a	**Balance #:** n/a
Filter Paper:	n/a	n/a	Printed on: 03-Jun-10 9:33:17 AM

Reviewed By: [signature] Date: 6-7-10

MET-147-0154092

REQUESTED BY: **HALUCKC**

METHOD: QM Inductively Coupled Plasma (6010B Trace)

STORAGE LOCATION	WORK ORDER #	PICKED CNTR#	CONTROL #	CLIENT #	ANALYSIS	LOTID	SMP#	SFX	MATRIX DESCRIPTION	QTY RCVD	QTY REQD
C205 MS S19 PIT	L1796	___ ___ ___	823559	545107	I-00-QM	A0E280509	004		WATER	9	1
C205 MS S19 PIT	L1798	___ ___ ___	823560	545107	I-00-QM	A0E280509	005		WATER	9	1
C205 MS S19 PIT	L18AA	___ ___ ___	823561	545107	I-00-QM	A0E280509	006		WATER	9	1
C205 S19 MS PIT	L179V	___ ___ ___	823558	545107	I-00-QM	A0E280509	003		WATER	27	1
C212 S19 MS PIT	L1839	___ ___ ___	823562	545107	I-00-QM	A0E280605	001		WATER	9	1
C212 S19 MS PIT	L184N	___ ___ ___	823563	545107	I-00-QM	A0E280605	002		WATER	9	1
C212 S19 MS PIT	L184P	___ ___ ___	823564	545107	I-00-QM	A0E280605	003		WATER	9	1
C212 S19 MS PIT	L184Q	___ ___ ___	823565	545107	I-00-QM	A0E280605	004		WATER	9	1
C212 S19 MS PIT	L184T	___ ___ ___	823566	545107	I-00-QM	A0E280605	005		WATER	9	1

RELINQUISHED BY	RECEIVED BY	DATE/TIME
A	CEH	6-3-10 (800)
CEH	PZaust	6-3-10 (1110)

***** END OF REPORT *****

END OF REPORT

ANALYTICAL REPORT

PROJECT NO. KC001590.0003

OAK GROVE VILLAGE

Lot #: A0E280605

Paul Jack, ESPM

TRW Automotive Inc
12025 Tech Center Drive
Livonia, MI 48150

TESTAMERICA LABORATORIES, INC.

Approved for release.
Denise Pohl
Project Manager
6/17/2010 3:18 PM

Denise Pohl
Project Manager
denise.pohl@testamericainc.com

June 17, 2010

Table of Contents

Case Narrative 2
Executive Summary 7
Analytical Method Summary 10
Sample Summary 12
Shipping and Receiving Documents 14
GC/MS Volatile Data 18
Inorganic/Metals Data 59
General Chemistry Data 82
PITTSBURGH DATA 104

Total # of Pages in this Document 127

CASE NARRATIVE

CASE NARRATIVE

A0E280605

The following report contains the analytical results for eight water samples and one quality control sample submitted to TestAmerica North Canton by TRW Automotive Inc. from the Oak Grove Village Site, project number KC001590.0003. The samples were received May 27, 2010, according to documented sample acceptance procedures.

The 6010B Field Filter Silica and Lithium analyses were performed at the TestAmerica Pittsburgh laboratory.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

All parameters were evaluated to the reporting limit.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise Pohl, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 3.4 and 3.7°C.

GC/MS VOLATILES

The matrix spike/matrix spike duplicate(s) for SW-WC1-201005251100 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample.

METALS

Serial dilution of a sample in this lot indicates that physical and chemical interferences were present. Refer to the sample report pages for the affected analytes flagged with "E".

GENERAL CHEMISTRY

The matrix spike/matrix spike duplicate(s) for batch(es) 0158342 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

It is TestAmerica policy to analyze all samples within holding times, but when they are received significantly later than their collection time, this cannot be guaranteed. Sample(s) SW-WC2-201005251200, SW-WC3-201005251300, and SW-WC4-201005251400 were received in the laboratory for Nitrate, Nitrite, and Orthophosphate Ion Chromatography with greater than 50% of the holding time expired. The samples were loaded on May 27, 2010, but due to capacity these three samples did not analyze until May 28, 2010. Results are reported.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

N:\QAQC\Customer Service\Narrative - Combined RCRA _CWA 032609.doc

EXECUTIVE SUMMARY

EXECUTIVE SUMMARY - Detection Highlights

A0E280605

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SW-WC1-201005251100 05/25/10 11:00 001				
Strontium - DISSOLVED	49.5	10.0	ug/L	SW846 6020
Silica - DISSOLVED	4880	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	16700	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	6170	5000	ug/L	SW846 6010B
Manganese - DISSOLVED	44.2	15.0	ug/L	SW846 6010B
Sodium - DISSOLVED	15900	5000	ug/L	SW846 6010B
Dissolved Chloride	15.6	1.0	mg/L	SW846 9056A
Dissolved Nitrite	0.10	0.10	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved ortho-Phosphate	1.0	0.50	mg/L	SW846 9056A
Dissolved Sulfate	14.5	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	67.7	5.0	mg/L	SM18 2320 B
Total Phosphorus, Dissolved	0.24	0.10	mg/L	SM18 4500-P E
SW-WC2-201005251200 05/25/10 12:00 002				
Strontium - DISSOLVED	43.9	10.0	ug/L	SW846 6020
Silica - DISSOLVED	4390	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	13900	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	5010	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	11900	5000	ug/L	SW846 6010B
Dissolved Chloride	12.7	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved Sulfate	4.7	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	62.3	5.0	mg/L	SM18 2320 B
SW-WC3-201005251300 05/25/10 13:00 003				
Strontium - DISSOLVED	44.8	10.0	ug/L	SW846 6020
Silica - DISSOLVED	4830	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	14700	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	5280	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	12300	5000	ug/L	SW846 6010B
Dissolved Chloride	13.7	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved Sulfate	5.0	1.0	mg/L	SW846 9056A

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

A0E280605

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
SW-WC3-201005251300 05/25/10 13:00 003				
Bicarbonate Alkalinity	65.5	5.0	mg/L	SM18 2320 B
SW-WC4-201005251400 05/25/10 14:00 004				
Strontium - DISSOLVED	48.3	10.0	ug/L	SW846 6020
Silica - DISSOLVED	5000	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	15600	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	5590	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	12700	5000	ug/L	SW846 6010B
Dissolved Chloride	13.4	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved Sulfate	5.0	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	68.9	5.0	mg/L	SM18 2320 B
DUP01-20100525 05/25/10 005				
Strontium - DISSOLVED	43.4	10.0	ug/L	SW846 6020
Silica - DISSOLVED	4350	1070	ug/L	SW846 6010B
Calcium - DISSOLVED	14100	5000	ug/L	SW846 6010B
Magnesium - DISSOLVED	5040	5000	ug/L	SW846 6010B
Sodium - DISSOLVED	12000	5000	ug/L	SW846 6010B
Dissolved Chloride	12.7	1.0	mg/L	SW846 9056A
Dissolved Nitrate as N	0.20	0.10	mg/L	SW846 9056A
Dissolved ortho-Phosphate	0.50	0.50	mg/L	SW846 9056A
Dissolved Sulfate	4.7	1.0	mg/L	SW846 9056A
Bicarbonate Alkalinity	62.5	5.0	mg/L	SM18 2320 B

METHOD SUMMARY

ANALYTICAL METHODS SUMMARY

A0E280605

PARAMETER	ANALYTICAL METHOD
Ammonia Nitrogen	SM18 4500 NH3 E
Bicarbonate alkalinity	SM18 2320 B
Bromide	SW846 9056A
Carbonate Alkalinity	SM18 2320 B
Chloride	SW846 9056A
Fluoride	SW846 9056A
Inductively Coupled Plasma (ICP) Metals	SW846 6010B
ICP-MS (6020)	SW846 6020
Nitrate as N	SW846 9056A
Nitrite as N	SW846 9056A
Phosphate, ortho as P	SW846 9056A
Phosphorus, All Forms, Ascorbic Acid	SM18 4500-P E
Sulfate	SW846 9056A
Trace Inductively Coupled Plasma (ICP) Metals	SW846 6010B
Volatile Organics by GC/MS	SW846 8260B

References:

SM18 "Standard Methods for the Examination of Water and Wastewater", 18th Edition, 1992.

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

SAMPLE SUMMARY

A0E280605

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
L1839	001	SW-WC1-201005251100	05/25/10	11:00
L184N	002	SW-WC2-201005251200	05/25/10	12:00
L184P	003	SW-WC3-201005251300	05/25/10	13:00
L184Q	004	SW-WC4-201005251400	05/25/10	14:00
L184T	005	DUP01-20100525	05/25/10	
L184W	006	SW-FC1-20100526	05/26/10	10:15
L184X	007	SW-FC2-20100526	05/26/10	11:00
L1840	008	SW-FC3-20100526	05/26/10	11:20
L1841	009	TB01-20100525	05/25/10	09:00

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

SHIPPING
AND
RECEIVING DOCUMENTS

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

15

TestAmerica Laboratory location: _____
Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: ARCADIS	Client Project Manager: John Shanpelt	Site Contact: Wesley Massaro	Lab Contact: Denise Pohl
Address: 8725 Rosehill, Suite 350	Telephone: 913 492 0900 X	Telephone: 913 908 7687	Telephone: 330 966 9789
City/State/Zip: Lenexa, KS 66215	Email: John.Shanpelt@Arcadis-us.com		
Phone: 913-492-0900			
Project Name: Oak Grove Village	Method of Shipment/Carrier: Fedex		
Project Number: KC001590.0003	Shipping/Tracking No:		
PO #			

COC No: 1 of 1 COCs

Analysis Turnaround Time (in BUS days)
TAT if different from below _____
☐ 3 weeks
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No.:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: TCL VOCs	Metals	Silica, Li, St.	chloride / ions	Carb / Bicarb						Sample Specific Notes / Special Instructions:
SW-WC1-20100525 1100	5-25-10	1100		X				1	2	3			3				X	X	X	X	X						
SW-WC2-20100525 1200	↓	1200		↓				1	2	3			3				↓	↓	↓	↓	↓						
SW-WC3-20100525 1300		1300						1	2	3			3														
SW-WC4-20100525 1400		1400						1	2	3			3														
DUP01-20100525	↓	0000						1	2	3			3				↓	↓	↓	↓	↓						
SW-FC1-20100526	5-26-10	1015								3							X										
SW-FC2-20100526	↓	1100								3							X										
SW-FC3-20100526	↓	1120								3							X										
TB01-20100525	5-25-10	0900		↓						2							X										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Arcadis	5-26-2010 / 1245 (26 wom)			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by: [signature]	Company: TA	Date/Time: 5/27/10 915

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TAL-0018 (1008)

North Canton

AOE280605

TestAmerica Cooler Receipt Form/Narrative **Lot Number:** ~~AOE280506~~
North Canton Facility

Client Arcadis Project Oak Grove Village By: Terry Burns
Cooler Received on 5/27/10 Opened on 5/27/10 (Signature)
FedEx ☒ UPS ☐ DHL ☐ FAS ☐ Stetson ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other _____
TestAmerica Cooler # _____ Multiple Coolers ☒ Foam Box ☐ Client Cooler ☐ Other _____

1. Were custody seals on the outside of the cooler(s)? Yes ☒ No ☐ Intact? Yes ☒ No ☐ NA ☐
   If YES, Quantity 1 each Quantity Unsalvageable _____
   Were custody seals on the outside of cooler(s) signed and dated? Yes ☒ No ☐ NA ☐
   Were custody seals on the bottle(s)? Yes ☐ No ☒
   If YES, are there any exceptions? _____
2. Shippers' packing slip attached to the cooler(s)? Yes ☒ No ☐
3. Did custody papers accompany the sample(s)? Yes ☒ No ☐ Relinquished by client? Yes ☒ No ☐
4. Were the custody papers signed in the appropriate place? Yes ☒ No ☐
5. Packing material used: Bubble Wrap ☒ Foam ☒ None ☐ Other _____
6. Cooler temperature upon receipt _____ °C See back of form for multiple coolers/temps ☒
   METHOD: IR ☒ Other ☐ _____
   COOLANT: Wet Ice ☒ Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐
7. Did all bottles arrive in good condition (Unbroken)? Yes ☒ No ☐
8. Could all bottle labels be reconciled with the COC? Yes ☒ No ☐
9. Were sample(s) at the correct pH upon receipt? Yes ☒ No ☐ NA ☐
10. Were correct bottle(s) used for the test(s) indicated? Yes ☒ No ☐
11. Were air bubbles >6 mm in any VOA vials? Yes ☐ No ☒ NA ☐
12. Sufficient quantity received to perform indicated analyses? Yes ☒ No ☐
13. Was a trip blank present in the cooler(s)? Yes ☒ No ☐ Were VOAs on the COC? Yes ☒ No ☐

Contacted PM _____ Date _____ by _____ via Verbal ☐ Voice Mail ☐ Other ☐
Concerning _____

14. CHAIN OF CUSTODY

The following discrepancies occurred:

_____

15. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

16. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in Sample Receiving to meet recommended pH level(s). *Nitric Acid Lot# 121709-HNO_3; Sulfuric Acid Lot# 121709-H_2SO_4; Sodium Hydroxide Lot# 100108 -NaOH; Hydrochloric Acid Lot# 092006-HCl; Sodium Hydroxide and Zinc Acetate Lot# 100108-$(CH_3COO)_2ZN/NaOH$.* What time was preservative added to sample(s)? _____

Client ID	pH	Date	Initials
WC 1	<2, <2, <2	5/27/10	JB
2	<2, <2, <2		
3	<2, <2, <2		
4	<2, <2, <2		
Dupo 1	<2, <2, <2		

TestAmerica Cooler Receipt Form/Narrative
North Canton Facility

Client ID	pH	Date	Initials

Cooler #	Temp. °C	Method	Coolant
461 (South Jersey)	3.7°C	IR	wet ice
client cooler	3.4°C	↓	↓

Discrepancies Cont'd:

GCMS VOLATILE DATA

TRW Automotive

Client Sample ID: SW-WC1-201005251100

GC/MS Volatiles

Lot-Sample #...: A0E280605-001 **Work Order #...:** L18391AA **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: SW-WC1-201005251100

GC/MS Volatiles

Lot-Sample #...: A0E280605-001 **Work Order #...:** L18391AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	95	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

TRW Automotive

Client Sample ID: SW-WC2-201005251200

GC/MS Volatiles

Lot-Sample #...: A0E280605-002 **Work Order #...:** L184N1AJ **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

(Continued on next page)

TRW Automotive

Client Sample ID: SW-WC2-201005251200

GC/MS Volatiles

Lot-Sample #...: A0E280605-002 **Work Order #...:** L184N1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
Toluene-d8	93	(76 - 110)
4-Bromofluorobenzene	88	(74 - 116)

TRW Automotive

Client Sample ID: SW-WC3-201005251300

GC/MS Volatiles

Lot-Sample #...: A0E280605-003 **Work Order #...:** L184P1AJ **Matrix.....:** WG
Date Sampled...: 05/25/10 13:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-WC3-201005251300

GC/MS Volatiles

Lot-Sample #...: A0E280605-003 **Work Order #...:** L184P1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)

TRW Automotive

Client Sample ID: SW-WC4-201005251400

GC/MS Volatiles

Lot-Sample #...: A0E280605-004 **Work Order #...:** L184Q1AJ **Matrix.....:** WG
Date Sampled...: 05/25/10 14:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-WC4-201005251400

GC/MS Volatiles

Lot-Sample #...: A0E280605-004 **Work Order #...:** L184Q1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	89	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

TRW Automotive

Client Sample ID: DUP01-20100525

GC/MS Volatiles

Lot-Sample #...: A0E280605-005 **Work Order #...:** L184T1AJ **Matrix.....:** WG
Date Sampled...: 05/25/10 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: DUP01-20100525

GC/MS Volatiles

Lot-Sample #...: A0E280605-005 **Work Order #...:** L184T1AJ **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	87	(74 - 116)

TRW Automotive

Client Sample ID: SW-FC1-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-006 **Work Order #...:** L184W1AA **Matrix.....:** WG
Date Sampled...: 05/26/10 10:15 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-FC1-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-006 **Work Order #...:** L184W1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	94	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	90	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

TRW Automotive

Client Sample ID: SW-FC2-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-007 **Work Order #...:** L184X1AA **Matrix.....:** WG
Date Sampled...: 05/26/10 11:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-FC2-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-007 **Work Order #...:** L184X1AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	97	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

TRW Automotive

Client Sample ID: SW-FC3-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-008 **Work Order #...:** L18401AA **Matrix.....:** WG
Date Sampled...: 05/26/10 11:20 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: SW-FC3-20100526

GC/MS Volatiles

Lot-Sample #...: A0E280605-008 **Work Order #...:** L18401AA **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	98	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	86	(74 - 116)

TRW Automotive

Client Sample ID: TB01-20100525

GC/MS Volatiles

Lot-Sample #...: A0E280605-009 **Work Order #...:** L18411AJ **Matrix.....:** WQ
Date Sampled...: 05/25/10 09:00 **Date Received..:** 05/27/10
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL
Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	1.0	ug/L
Bromobenzene	ND	1.0	ug/L
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
n-Butylbenzene	ND	1.0	ug/L
sec-Butylbenzene	ND	1.0	ug/L
tert-Butylbenzene	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
2-Chlorotoluene	ND	1.0	ug/L
4-Chlorotoluene	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
Dibromomethane	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
Dichlorofluoromethane	ND	2.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
1,3-Dichloropropane	ND	1.0	ug/L
2,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
1,1-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
Hexachlorobutadiene	ND	1.0	ug/L
Isopropylbenzene	ND	1.0	ug/L

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TRW Automotive

Client Sample ID: TB01-20100525

GC/MS Volatiles

Lot-Sample #...: A0E280605-009 **Work Order #...:** L18411AJ **Matrix.....:** WQ

PARAMETER	RESULT	REPORTING LIMIT	UNITS
p-Isopropyltoluene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Naphthalene	ND	1.0	ug/L
n-Propylbenzene	ND	1.0	ug/L
Styrene	ND	1.0	ug/L
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
1,2,3-Trichlorobenzene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,2,3-Trichloropropane	ND	1.0	ug/L
1,2,4-Trimethylbenzene	ND	1.0	ug/L
1,3,5-Trimethylbenzene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
m-Xylene & p-Xylene	ND	2.0	ug/L
o-Xylene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	98	(73 - 122)
1,2-Dichloroethane-d4	96	(61 - 128)
Toluene-d8	92	(76 - 110)
4-Bromofluorobenzene	85	(74 - 116)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AA **Matrix.....:** WATER
MB Lot-Sample #: A0F030000-141

Prep Date.....: 06/02/10 **Final Wgt/Vol..:** 5 mL
Analysis Date..: 06/02/10 **Prep Batch #...:** 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	1.0	ug/L	SW846 8260B
Bromobenzene	ND	1.0	ug/L	SW846 8260B
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
n-Butylbenzene	ND	1.0	ug/L	SW846 8260B
sec-Butylbenzene	ND	1.0	ug/L	SW846 8260B
tert-Butylbenzene	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
2-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
4-Chlorotoluene	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
Dibromomethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
Dichlorofluoromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
1,3-Dichloropropane	ND	1.0	ug/L	SW846 8260B
2,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
Hexachlorobutadiene	ND	1.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
p-Isopropyltoluene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Naphthalene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AA **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
n-Propylbenzene	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,2,3-Trichloropropane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
1,3,5-Trimethylbenzene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	2.0	ug/L	SW846 8260B
o-Xylene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
1,2-Dichloroethane-d4	94	(61 - 128)
Toluene-d8	91	(76 - 110)
4-Bromofluorobenzene	89	(74 - 116)

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**96**	**(80 - 116)**			**SW846 8260B**
	93	**(80 - 116)**	**3.8**	**(0-20)**	**SW846 8260B**
Acetone	91	(22 - 200)			SW846 8260B
	96	(22 - 200)	4.6	(0-95)	SW846 8260B
Bromobenzene	84	(70 - 130)			SW846 8260B
	81	(70 - 130)	3.5	(0-30)	SW846 8260B
Carbon disulfide	104	(73 - 139)			SW846 8260B
	103	(73 - 139)	0.42	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	99	(82 - 116)			SW846 8260B
	94	(82 - 116)	5.6	(0-30)	SW846 8260B
Bromochloromethane	100	(70 - 130)			SW846 8260B
	93	(70 - 130)	7.0	(0-30)	SW846 8260B
2-Butanone	98	(28 - 237)			SW846 8260B
	97	(28 - 237)	1.2	(0-65)	SW846 8260B
Bromodichloromethane	90	(87 - 130)			SW846 8260B
	88	(87 - 130)	2.5	(0-30)	SW846 8260B
Bromoform	69 a	(76 - 150)			SW846 8260B
	70 a	(76 - 150)	1.3	(0-30)	SW846 8260B
Bromomethane	94	(64 - 129)			SW846 8260B
	85	(64 - 129)	11	(0-30)	SW846 8260B
n-Butylbenzene	91	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.9	(0-30)	SW846 8260B
4-Methyl-2-pentanone	86	(78 - 141)			SW846 8260B
	86	(78 - 141)	0.91	(0-32)	SW846 8260B
2-Hexanone	84	(35 - 200)			SW846 8260B
	86	(35 - 200)	3.3	(0-52)	SW846 8260B
sec-Butylbenzene	86	(70 - 130)			SW846 8260B
	86	(70 - 130)	0.87	(0-30)	SW846 8260B
tert-Butylbenzene	90	(70 - 130)			SW846 8260B
	87	(70 - 130)	3.5	(0-30)	SW846 8260B
Xylenes (total)	95	(87 - 116)			SW846 8260B
	94	(87 - 116)	1.1	(0-30)	SW846 8260B
Carbon tetrachloride	92	(75 - 149)			SW846 8260B
	92	(75 - 149)	0.87	(0-30)	SW846 8260B
Chlorobenzene	**95**	**(76 - 117)**			**SW846 8260B**
	92	**(76 - 117)**	**3.3**	**(0-20)**	**SW846 8260B**

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Dibromochloromethane	77 a	(81 - 138)			SW846 8260B
	76 a	(81 - 138)	1.9	(0-30)	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	117	(70 - 130)			SW846 8260B
	133 a	(70 - 130)	13	(0-30)	SW846 8260B
Methyl acetate	93	(70 - 130)			SW846 8260B
	93	(70 - 130)	0.23	(0-30)	SW846 8260B
Chloroethane	88	(66 - 126)			SW846 8260B
	78	(66 - 126)	12	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	116	(70 - 130)			SW846 8260B
	112	(70 - 130)	3.0	(0-30)	SW846 8260B
Cyclohexane	84	(70 - 130)			SW846 8260B
	92	(70 - 130)	9.0	(0-30)	SW846 8260B
Methylcyclohexane	89	(70 - 130)			SW846 8260B
	103	(70 - 130)	14	(0-30)	SW846 8260B
Chloroform	97	(84 - 128)			SW846 8260B
	94	(84 - 128)	3.8	(0-30)	SW846 8260B
Chloromethane	91	(48 - 123)			SW846 8260B
	82	(48 - 123)	9.6	(0-30)	SW846 8260B
1,2-Dibromo-3-chloro-propane	74	(70 - 130)			SW846 8260B
	71	(70 - 130)	4.3	(0-30)	SW846 8260B
2-Chlorotoluene	89	(70 - 130)			SW846 8260B
	87	(70 - 130)	1.6	(0-30)	SW846 8260B
Methyl tert-butyl ether	116	(70 - 130)			SW846 8260B
	112	(70 - 130)	3.0	(0-30)	SW846 8260B
n-Hexane	96	(70 - 130)			SW846 8260B
	113	(70 - 130)	16	(0-30)	SW846 8260B
4-Chlorotoluene	89	(70 - 130)			SW846 8260B
	84	(70 - 130)	5.9	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	82	(70 - 130)			SW846 8260B
	81	(70 - 130)	1.4	(0-30)	SW846 8260B
Acetonitrile	129	(50 - 130)			SW846 8260B
	122	(50 - 130)	5.2	(0-30)	SW846 8260B
1,2-Dibromoethane	89	(70 - 130)			SW846 8260B
	88	(70 - 130)	0.55	(0-30)	SW846 8260B
Acrolein	121	(50 - 130)			SW846 8260B
	121	(50 - 130)	0.12	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	103	(70 - 130)			SW846 8260B
	102	(70 - 130)	1.6	(0-30)	SW846 8260B
Acrylonitrile	102	(50 - 130)			SW846 8260B
	102	(50 - 130)	0.0	(0-30)	SW846 8260B
Dibromomethane	96	(70 - 130)			SW846 8260B
	93	(70 - 130)	2.7	(0-30)	SW846 8260B
1,2-Dichlorobenzene	93	(70 - 130)			SW846 8260B
	89	(70 - 130)	4.2	(0-30)	SW846 8260B
1,3-Dichlorobenzene	91	(70 - 130)			SW846 8260B
	88	(70 - 130)	4.2	(0-30)	SW846 8260B
1,4-Dichlorobenzene	93	(70 - 130)			SW846 8260B
	88	(70 - 130)	5.6	(0-30)	SW846 8260B
Iodomethane	109	(70 - 130)			SW846 8260B
	105	(70 - 130)	4.4	(0-30)	SW846 8260B
Isopropyl ether	93	(70 - 130)			SW846 8260B
	87	(70 - 130)	6.3	(0-30)	SW846 8260B
Dichlorodifluoromethane	61 a	(70 - 130)			SW846 8260B
	67 a	(70 - 130)	9.2	(0-30)	SW846 8260B
1,1-Dichloroethane	98	(86 - 123)			SW846 8260B
	94	(86 - 123)	4.1	(0-30)	SW846 8260B
1,2-Dichloroethane	94	(79 - 136)			SW846 8260B
	91	(79 - 136)	2.9	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	96	(85 - 113)			SW846 8260B
	91	(85 - 113)	5.8	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	102	(80 - 120)			SW846 8260B
	97	(80 - 120)	5.4	(0-30)	SW846 8260B
1,1-Dichloroethene	**104**	**(63 - 130)**			**SW846 8260B**
	103	**(63 - 130)**	**0.63**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	96	(82 - 115)			SW846 8260B
	92	(82 - 115)	3.8	(0-30)	SW846 8260B
1,3-Dichloropropane	86	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.6	(0-30)	SW846 8260B
2,2-Dichloropropane	92	(70 - 130)			SW846 8260B
	90	(70 - 130)	2.2	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	79 a	(84 - 130)			SW846 8260B
	75 a	(84 - 130)	4.9	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	74 a	(84 - 130)			SW846 8260B
	75 a	(84 - 130)	0.87	(0-30)	SW846 8260B
1,1-Dichloropropene	93	(70 - 130)			SW846 8260B
	95	(70 - 130)	2.6	(0-30)	SW846 8260B
Ethylbenzene	92	(86 - 116)			SW846 8260B
	90	(86 - 116)	2.4	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Hexachlorobutadiene	90	(70 - 130)			SW846 8260B
	85	(70 - 130)	5.1	(0-30)	SW846 8260B
Isopropylbenzene	93	(70 - 130)			SW846 8260B
	93	(70 - 130)	0.030	(0-30)	SW846 8260B
p-Isopropyltoluene	92	(70 - 130)			SW846 8260B
	90	(70 - 130)	2.3	(0-30)	SW846 8260B
Methylene chloride	101	(78 - 118)			SW846 8260B
	96	(78 - 118)	4.9	(0-30)	SW846 8260B
Naphthalene	79	(70 - 130)			SW846 8260B
	81	(70 - 130)	1.8	(0-30)	SW846 8260B
n-Propylbenzene	88	(70 - 130)			SW846 8260B
	85	(70 - 130)	3.7	(0-30)	SW846 8260B
Styrene	89	(85 - 117)			SW846 8260B
	88	(85 - 117)	1.7	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	93	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.3	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	83 a	(85 - 118)			SW846 8260B
	82 a	(85 - 118)	1.9	(0-30)	SW846 8260B
Tetrachloroethene	91	(88 - 113)			SW846 8260B
	93	(88 - 113)	1.6	(0-30)	SW846 8260B
Toluene	**92**	**(74 - 119)**			**SW846 8260B**
	90	**(74 - 119)**	**2.2**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	84	(70 - 130)			SW846 8260B
	84	(70 - 130)	0.23	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	90	(70 - 130)			SW846 8260B
	88	(70 - 130)	2.7	(0-30)	SW846 8260B
1,1,1-Trichloroethane	94	(78 - 140)			SW846 8260B
	94	(78 - 140)	0.41	(0-30)	SW846 8260B
1,1,2-Trichloroethane	86	(83 - 122)			SW846 8260B
	91	(83 - 122)	5.2	(0-30)	SW846 8260B
Trichloroethene	**95**	**(75 - 122)**			**SW846 8260B**
	94	**(75 - 122)**	**1.1**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	122	(70 - 130)			SW846 8260B
	126	(70 - 130)	3.5	(0-30)	SW846 8260B
1,2,3-Trichloropropane	91	(70 - 130)			SW846 8260B
	90	(70 - 130)	0.55	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	91	(70 - 130)			SW846 8260B
	87	(70 - 130)	4.0	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	86	(70 - 130)			SW846 8260B
	84	(70 - 130)	3.1	(0-30)	SW846 8260B

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl chloride	94	(61 - 120)			SW846 8260B
	92	(61 - 120)	1.3	(0-30)	SW846 8260B
m-Xylene & p-Xylene	94	(70 - 130)			SW846 8260B
	94	(70 - 130)	0.81	(0-30)	SW846 8260B
o-Xylene	95	(70 - 130)			SW846 8260B
	93	(70 - 130)	1.6	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
	93	(61 - 128)
Toluene-d8	92	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)
	94	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD
Prep Date.....: 06/02/10 **Analysis Date..:** 06/02/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Final Wgt/Vol..:** 5 mL
Initial Wgt/Vol: 5 mL

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Benzene	**10**	**9.6**	**ug/L**	**96**		**SW846 8260B**
	10	**9.3**	**ug/L**	**93**	**3.8**	**SW846 8260B**
Acetone	20	18	ug/L	91		SW846 8260B
	20	19	ug/L	96	4.6	SW846 8260B
Bromobenzene	10	8.4	ug/L	84		SW846 8260B
	10	8.1	ug/L	81	3.5	SW846 8260B
Carbon disulfide	10	10	ug/L	104		SW846 8260B
	10	10	ug/L	103	0.42	SW846 8260B
1,2-Dichloroethene (total)	20	20	ug/L	99		SW846 8260B
	20	19	ug/L	94	5.6	SW846 8260B
Bromochloromethane	10	10	ug/L	100		SW846 8260B
	10	9.3	ug/L	93	7.0	SW846 8260B
2-Butanone	20	20	ug/L	98		SW846 8260B
	20	19	ug/L	97	1.2	SW846 8260B
Bromodichloromethane	10	9.0	ug/L	90		SW846 8260B
	10	8.8	ug/L	88	2.5	SW846 8260B
Bromoform	10	6.9 a	ug/L	69		SW846 8260B
	10	7.0 a	ug/L	70	1.3	SW846 8260B
Bromomethane	10	9.4	ug/L	94		SW846 8260B
	10	8.5	ug/L	85	11	SW846 8260B
n-Butylbenzene	10	9.1	ug/L	91		SW846 8260B
	10	8.8	ug/L	88	2.9	SW846 8260B
4-Methyl-2-pentanone	20	17	ug/L	86		SW846 8260B
	20	17	ug/L	86	0.91	SW846 8260B
2-Hexanone	20	17	ug/L	84		SW846 8260B
	20	17	ug/L	86	3.3	SW846 8260B
sec-Butylbenzene	10	8.6	ug/L	86		SW846 8260B
	10	8.6	ug/L	86	0.87	SW846 8260B
tert-Butylbenzene	10	9.0	ug/L	90		SW846 8260B
	10	8.7	ug/L	87	3.5	SW846 8260B
Xylenes (total)	30	28	ug/L	95		SW846 8260B
	30	28	ug/L	94	1.1	SW846 8260B
Carbon tetrachloride	10	9.2	ug/L	92		SW846 8260B
	10	9.2	ug/L	92	0.87	SW846 8260B
Chlorobenzene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**9.2**	**ug/L**	**92**	**3.3**	**SW846 8260B**

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Dibromochloromethane	10	7.7 a	ug/L	77		SW846 8260B
	10	7.6 a	ug/L	76	1.9	SW846 8260B
1,1,2-Trichloro-1,2,2-trifluoroethane	10	12	ug/L	117		SW846 8260B
	10	13 a	ug/L	133	13	SW846 8260B
Methyl acetate	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.23	SW846 8260B
Chloroethane	10	8.8	ug/L	88		SW846 8260B
	10	7.8	ug/L	78	12	SW846 8260B
Methyl tert-butyl ether (MTBE)	10	12	ug/L	116		SW846 8260B
	10	11	ug/L	112	3.0	SW846 8260B
Cyclohexane	10	8.4	ug/L	84		SW846 8260B
	10	9.2	ug/L	92	9.0	SW846 8260B
Methylcyclohexane	10	8.9	ug/L	89		SW846 8260B
	10	10	ug/L	103	14	SW846 8260B
Chloroform	10	9.7	ug/L	97		SW846 8260B
	10	9.4	ug/L	94	3.8	SW846 8260B
Chloromethane	10	9.1	ug/L	91		SW846 8260B
	10	8.2	ug/L	82	9.6	SW846 8260B
1,2-Dibromo-3-chloro-propane	10	7.4	ug/L	74		SW846 8260B
	10	7.1	ug/L	71	4.3	SW846 8260B
2-Chlorotoluene	10	8.9	ug/L	89		SW846 8260B
	10	8.7	ug/L	87	1.6	SW846 8260B
Methyl tert-butyl ether	10	12	ug/L	116		SW846 8260B
	10	11	ug/L	112	3.0	SW846 8260B
n-Hexane	10	9.6	ug/L	96		SW846 8260B
	10	11	ug/L	113	16	SW846 8260B
4-Chlorotoluene	10	8.9	ug/L	89		SW846 8260B
	10	8.4	ug/L	84	5.9	SW846 8260B
2-Chloroethyl vinyl ether	10	8.2	ug/L	82		SW846 8260B
	10	8.1	ug/L	81	1.4	SW846 8260B
Acetonitrile	30	39	ug/L	129		SW846 8260B
	30	37	ug/L	122	5.2	SW846 8260B
1,2-Dibromoethane	10	8.9	ug/L	89		SW846 8260B
	10	8.8	ug/L	88	0.55	SW846 8260B
Acrolein	30	36	ug/L	121		SW846 8260B
	30	36	ug/L	121	0.12	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl acetate	10	10	ug/L	103		SW846 8260B
	10	10	ug/L	102	1.6	SW846 8260B
Acrylonitrile	30	31	ug/L	102		SW846 8260B
	30	31	ug/L	102	0.0	SW846 8260B
Dibromomethane	10	9.6	ug/L	96		SW846 8260B
	10	9.3	ug/L	93	2.7	SW846 8260B
1,2-Dichlorobenzene	10	9.3	ug/L	93		SW846 8260B
	10	8.9	ug/L	89	4.2	SW846 8260B
1,3-Dichlorobenzene	10	9.1	ug/L	91		SW846 8260B
	10	8.8	ug/L	88	4.2	SW846 8260B
1,4-Dichlorobenzene	10	9.3	ug/L	93		SW846 8260B
	10	8.8	ug/L	88	5.6	SW846 8260B
Iodomethane	10	11	ug/L	109		SW846 8260B
	10	10	ug/L	105	4.4	SW846 8260B
Isopropyl ether	10	9.3	ug/L	93		SW846 8260B
	10	8.7	ug/L	87	6.3	SW846 8260B
Dichlorodifluoromethane	10	6.1 a	ug/L	61		SW846 8260B
	10	6.7 a	ug/L	67	9.2	SW846 8260B
1,1-Dichloroethane	10	9.8	ug/L	98		SW846 8260B
	10	9.4	ug/L	94	4.1	SW846 8260B
1,2-Dichloroethane	10	9.4	ug/L	94		SW846 8260B
	10	9.1	ug/L	91	2.9	SW846 8260B
cis-1,2-Dichloroethene	10	9.6	ug/L	96		SW846 8260B
	10	9.1	ug/L	91	5.8	SW846 8260B
trans-1,2-Dichloroethene	10	10	ug/L	102		SW846 8260B
	10	9.7	ug/L	97	5.4	SW846 8260B
1,1-Dichloroethene	**10**	**10**	**ug/L**	**104**		**SW846 8260B**
	10	**10**	**ug/L**	**103**	**0.63**	**SW846 8260B**
1,2-Dichloropropane	10	9.6	ug/L	96		SW846 8260B
	10	9.2	ug/L	92	3.8	SW846 8260B
1,3-Dichloropropane	10	8.6	ug/L	86		SW846 8260B
	10	8.8	ug/L	88	2.6	SW846 8260B
2,2-Dichloropropane	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	2.2	SW846 8260B
cis-1,3-Dichloropropene	10	7.9 a	ug/L	79		SW846 8260B
	10	7.5 a	ug/L	75	4.9	SW846 8260B
trans-1,3-Dichloropropene	10	7.4 a	ug/L	74		SW846 8260B
	10	7.5 a	ug/L	75	0.87	SW846 8260B
1,1-Dichloropropene	10	9.3	ug/L	93		SW846 8260B
	10	9.5	ug/L	95	2.6	SW846 8260B
Ethylbenzene	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	2.4	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Hexachlorobutadiene	10	9.0	ug/L	90		SW846 8260B
	10	8.5	ug/L	85	5.1	SW846 8260B
Isopropylbenzene	10	9.3	ug/L	93		SW846 8260B
	10	9.3	ug/L	93	0.030	SW846 8260B
p-Isopropyltoluene	10	9.2	ug/L	92		SW846 8260B
	10	9.0	ug/L	90	2.3	SW846 8260B
Methylene chloride	10	10	ug/L	101		SW846 8260B
	10	9.6	ug/L	96	4.9	SW846 8260B
Naphthalene	10	7.9	ug/L	79		SW846 8260B
	10	8.1	ug/L	81	1.8	SW846 8260B
n-Propylbenzene	10	8.8	ug/L	88		SW846 8260B
	10	8.5	ug/L	85	3.7	SW846 8260B
Styrene	10	8.9	ug/L	89		SW846 8260B
	10	8.8	ug/L	88	1.7	SW846 8260B
1,1,1,2-Tetrachloroethane	10	9.3	ug/L	93		SW846 8260B
	10	9.1	ug/L	91	2.3	SW846 8260B
1,1,2,2-Tetrachloroethane	10	8.3 a	ug/L	83		SW846 8260B
	10	8.2 a	ug/L	82	1.9	SW846 8260B
Tetrachloroethene	10	9.1	ug/L	91		SW846 8260B
	10	9.3	ug/L	93	1.6	SW846 8260B
Toluene	**10**	**9.2**	**ug/L**	**92**		**SW846 8260B**
	10	**9.0**	**ug/L**	**90**	**2.2**	**SW846 8260B**
1,2,3-Trichlorobenzene	10	8.4	ug/L	84		SW846 8260B
	10	8.4	ug/L	84	0.23	SW846 8260B
1,2,4-Trichloro-benzene	10	9.0	ug/L	90		SW846 8260B
	10	8.8	ug/L	88	2.7	SW846 8260B
1,1,1-Trichloroethane	10	9.4	ug/L	94		SW846 8260B
	10	9.4	ug/L	94	0.41	SW846 8260B
1,1,2-Trichloroethane	10	8.6	ug/L	86		SW846 8260B
	10	9.1	ug/L	91	5.2	SW846 8260B
Trichloroethene	**10**	**9.5**	**ug/L**	**95**		**SW846 8260B**
	10	**9.4**	**ug/L**	**94**	**1.1**	**SW846 8260B**
Trichlorofluoromethane	10	12	ug/L	122		SW846 8260B
	10	13	ug/L	126	3.5	SW846 8260B
1,2,3-Trichloropropane	10	9.1	ug/L	91		SW846 8260B
	10	9.0	ug/L	90	0.55	SW846 8260B
1,2,4-Trimethylbenzene	10	9.1	ug/L	91		SW846 8260B
	10	8.7	ug/L	87	4.0	SW846 8260B
1,3,5-Trimethylbenzene	10	8.6	ug/L	86		SW846 8260B
	10	8.4	ug/L	84	3.1	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L2DW21AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: A0F030000-141 L2DW21AD-LCSD

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	RPD	METHOD
Vinyl chloride	10	9.4	ug/L	94		SW846 8260B
	10	9.2	ug/L	92	1.3	SW846 8260B
m-Xylene & p-Xylene	20	19	ug/L	94		SW846 8260B
	20	19	ug/L	94	0.81	SW846 8260B
o-Xylene	10	9.5	ug/L	95		SW846 8260B
	10	9.3	ug/L	93	1.6	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	96	(73 - 122)
	96	(73 - 122)
1,2-Dichloroethane-d4	92	(61 - 128)
	93	(61 - 128)
Toluene-d8	92	(76 - 110)
	96	(76 - 110)
4-Bromofluorobenzene	91	(74 - 116)
	94	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**90**	**(78 - 118)**			**SW846 8260B**
	94	**(78 - 118)**	**4.7**	**(0-20)**	**SW846 8260B**
Bromobenzene	80	(70 - 130)			SW846 8260B
	85	(70 - 130)	7.0	(0-30)	SW846 8260B
Acetone	94	(45 - 128)			SW846 8260B
	98	(45 - 128)	3.2	(0-30)	SW846 8260B
Carbon disulfide	94	(69 - 138)			SW846 8260B
	99	(69 - 138)	4.4	(0-41)	SW846 8260B
Bromochloromethane	92	(70 - 130)			SW846 8260B
	95	(70 - 130)	3.7	(0-30)	SW846 8260B
1,2-Dichloroethene (total)	89	(86 - 115)			SW846 8260B
	93	(86 - 115)	4.3	(0-30)	SW846 8260B
Bromodichloromethane	84	(80 - 146)			SW846 8260B
	90	(80 - 146)	6.8	(0-30)	SW846 8260B
2-Butanone	100	(71 - 123)			SW846 8260B
	102	(71 - 123)	1.3	(0-30)	SW846 8260B
Bromoform	67	(58 - 176)			SW846 8260B
	72	(58 - 176)	6.6	(0-30)	SW846 8260B
Bromomethane	77	(55 - 145)			SW846 8260B
	92	(55 - 145)	18	(0-30)	SW846 8260B
n-Butylbenzene	75	(70 - 130)			SW846 8260B
	81	(70 - 130)	7.6	(0-30)	SW846 8260B
4-Methyl-2-pentanone	87	(82 - 135)			SW846 8260B
	89	(82 - 135)	2.9	(0-30)	SW846 8260B
sec-Butylbenzene	77	(70 - 130)			SW846 8260B
	81	(70 - 130)	5.9	(0-30)	SW846 8260B
2-Hexanone	83	(81 - 128)			SW846 8260B
	87	(81 - 128)	4.3	(0-30)	SW846 8260B
tert-Butylbenzene	81	(70 - 130)			SW846 8260B
	86	(70 - 130)	6.3	(0-30)	SW846 8260B
Carbon tetrachloride	82	(63 - 176)			SW846 8260B
	88	(63 - 176)	6.4	(0-30)	SW846 8260B
Xylenes (total)	85 a	(89 - 121)			SW846 8260B
	90	(89 - 121)	5.8	(0-30)	SW846 8260B
Chlorobenzene	**86**	**(76 - 117)**			**SW846 8260B**
	91	**(76 - 117)**	**5.0**	**(0-20)**	**SW846 8260B**
Dibromochloromethane	72	(71 - 158)			SW846 8260B
	75	(71 - 158)	4.6	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	104	(70 - 130)			SW846 8260B
	106	(70 - 130)	1.9	(0-30)	SW846 8260B
Methyl acetate	79	(70 - 130)			SW846 8260B
	82	(70 - 130)	2.7	(0-30)	SW846 8260B
Chloroethane	77	(59 - 142)			SW846 8260B
	86	(59 - 142)	11	(0-30)	SW846 8260B
Methyl tert-butyl ether (MTBE)	109	(70 - 130)			SW846 8260B
	113	(70 - 130)	3.2	(0-30)	SW846 8260B
Cyclohexane	77	(70 - 130)			SW846 8260B
	75	(70 - 130)	2.4	(0-30)	SW846 8260B
Methylcyclohexane	82	(70 - 130)			SW846 8260B
	76	(70 - 130)	7.1	(0-30)	SW846 8260B
Chloroform	88	(83 - 141)			SW846 8260B
	92	(83 - 141)	5.4	(0-30)	SW846 8260B
Chloromethane	82	(40 - 137)			SW846 8260B
	89	(40 - 137)	7.7	(0-39)	SW846 8260B
1,2-Dibromo-3-chloro-propane	66 a	(70 - 130)			SW846 8260B
	68 a	(70 - 130)	2.9	(0-30)	SW846 8260B
2-Chlorotoluene	80	(70 - 130)			SW846 8260B
	81	(70 - 130)	1.1	(0-30)	SW846 8260B
Methyl tert-butyl ether	109	(70 - 130)			SW846 8260B
	113	(70 - 130)	3.2	(0-30)	SW846 8260B
n-Hexane	88	(70 - 130)			SW846 8260B
	77	(70 - 130)	14	(0-30)	SW846 8260B
4-Chlorotoluene	80	(70 - 130)			SW846 8260B
	84	(70 - 130)	5.0	(0-30)	SW846 8260B
2-Chloroethyl vinyl ether	0.0 a	(70 - 130)			SW846 8260B
	0.0 a	(70 - 130)	0.0	(0-30)	SW846 8260B
Acetonitrile	124	(50 - 130)			SW846 8260B
	129	(50 - 130)	4.1	(0-30)	SW846 8260B
1,2-Dibromoethane	86	(70 - 130)			SW846 8260B
	89	(70 - 130)	2.9	(0-30)	SW846 8260B
Acrolein	104	(50 - 130)			SW846 8260B
	111	(50 - 130)	6.9	(0-30)	SW846 8260B
Acrylonitrile	99	(50 - 130)			SW846 8260B
	103	(50 - 130)	3.8	(0-30)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Vinyl acetate	90	(70 - 130)			SW846 8260B
	97	(70 - 130)	7.2	(0-30)	SW846 8260B
Dibromomethane	91	(70 - 130)			SW846 8260B
	97	(70 - 130)	5.6	(0-30)	SW846 8260B
1,2-Dichlorobenzene	85	(70 - 130)			SW846 8260B
	89	(70 - 130)	4.9	(0-30)	SW846 8260B
1,3-Dichlorobenzene	82	(70 - 130)			SW846 8260B
	85	(70 - 130)	3.4	(0-30)	SW846 8260B
1,4-Dichlorobenzene	85	(70 - 130)			SW846 8260B
	87	(70 - 130)	3.2	(0-30)	SW846 8260B
Iodomethane	99	(70 - 130)			SW846 8260B
	104	(70 - 130)	4.8	(0-30)	SW846 8260B
Isopropyl ether	87	(70 - 130)			SW846 8260B
	91	(70 - 130)	4.5	(0-30)	SW846 8260B
Dichlorodifluoromethane	51 a	(70 - 130)			SW846 8260B
	51 a	(70 - 130)	1.2	(0-30)	SW846 8260B
1,1-Dichloroethane	89	(88 - 127)			SW846 8260B
	92	(88 - 127)	3.3	(0-30)	SW846 8260B
1,2-Dichloroethane	90	(71 - 160)			SW846 8260B
	93	(71 - 160)	4.1	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	88	(87 - 114)			SW846 8260B
	92	(87 - 114)	4.4	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	91	(85 - 116)			SW846 8260B
	95	(85 - 116)	4.2	(0-30)	SW846 8260B
1,1-Dichloroethene	**98**	**(62 - 130)**			**SW846 8260B**
	100	**(62 - 130)**	**2.7**	**(0-20)**	**SW846 8260B**
1,2-Dichloropropane	90	(87 - 114)			SW846 8260B
	96	(87 - 114)	6.5	(0-30)	SW846 8260B
1,3-Dichloropropane	85	(70 - 130)			SW846 8260B
	88	(70 - 130)	3.6	(0-30)	SW846 8260B
2,2-Dichloropropane	69 a	(70 - 130)			SW846 8260B
	74	(70 - 130)	7.7	(0-30)	SW846 8260B
cis-1,3-Dichloropropene	73 a	(82 - 130)			SW846 8260B
	78 a	(82 - 130)	6.2	(0-30)	SW846 8260B
trans-1,3-Dichloropropene	69 a	(73 - 147)			SW846 8260B
	73	(73 - 147)	5.6	(0-30)	SW846 8260B
1,1-Dichloropropene	88	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.9	(0-30)	SW846 8260B
Ethylbenzene	85 a	(86 - 132)			SW846 8260B
	86	(86 - 132)	1.8	(0-30)	SW846 8260B
Hexachlorobutadiene	64 a	(70 - 130)			SW846 8260B
	68 a	(70 - 130)	5.9	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Isopropylbenzene	82	(70 - 130)			SW846 8260B
	89	(70 - 130)	7.9	(0-30)	SW846 8260B
p-Isopropyltoluene	80	(70 - 130)			SW846 8260B
	85	(70 - 130)	6.3	(0-30)	SW846 8260B
Methylene chloride	91	(82 - 115)			SW846 8260B
	94	(82 - 115)	3.4	(0-30)	SW846 8260B
Naphthalene	73	(70 - 130)			SW846 8260B
	74	(70 - 130)	0.42	(0-30)	SW846 8260B
n-Propylbenzene	78	(70 - 130)			SW846 8260B
	80	(70 - 130)	3.1	(0-30)	SW846 8260B
Styrene	81 a	(83 - 120)			SW846 8260B
	88	(83 - 120)	7.3	(0-30)	SW846 8260B
1,1,1,2-Tetrachloroethane	84	(70 - 130)			SW846 8260B
	89	(70 - 130)	5.6	(0-30)	SW846 8260B
1,1,2,2-Tetrachloroethane	82 a	(88 - 116)			SW846 8260B
	84 a	(88 - 116)	2.0	(0-30)	SW846 8260B
Tetrachloroethene	84 a	(85 - 121)			SW846 8260B
	90	(85 - 121)	6.6	(0-30)	SW846 8260B
Toluene	**84**	**(70 - 119)**			**SW846 8260B**
	89	**(70 - 119)**	**5.9**	**(0-20)**	**SW846 8260B**
1,2,3-Trichlorobenzene	76	(70 - 130)			SW846 8260B
	75	(70 - 130)	0.64	(0-30)	SW846 8260B
1,2,4-Trichloro-benzene	76	(70 - 130)			SW846 8260B
	80	(70 - 130)	5.3	(0-30)	SW846 8260B
1,1,1-Trichloroethane	86	(71 - 162)			SW846 8260B
	91	(71 - 162)	6.1	(0-30)	SW846 8260B
1,1,2-Trichloroethane	88	(86 - 129)			SW846 8260B
	89	(86 - 129)	0.46	(0-30)	SW846 8260B
Trichloroethene	**89**	**(62 - 130)**			**SW846 8260B**
	92	**(62 - 130)**	**3.4**	**(0-20)**	**SW846 8260B**
Trichlorofluoromethane	108	(70 - 130)			SW846 8260B
	116	(70 - 130)	7.4	(0-30)	SW846 8260B
1,2,3-Trichloropropane	89	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.4	(0-30)	SW846 8260B
1,2,4-Trimethylbenzene	82	(70 - 130)			SW846 8260B
	87	(70 - 130)	6.3	(0-30)	SW846 8260B
1,3,5-Trimethylbenzene	76	(70 - 130)			SW846 8260B
	81	(70 - 130)	5.8	(0-30)	SW846 8260B
Vinyl chloride	87 a	(88 - 126)			SW846 8260B
	94	(88 - 126)	8.2	(0-30)	SW846 8260B

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
m-Xylene & p-Xylene	85	(70 - 130)			SW846 8260B
	90	(70 - 130)	5.8	(0-30)	SW846 8260B
o-Xylene	86	(70 - 130)			SW846 8260B
	91	(70 - 130)	5.9	(0-30)	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
	92	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
	90	(61 - 128)
Toluene-d8	89	(76 - 110)
	89	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)
	89	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10
Prep Date.....: 06/03/10 **Analysis Date..:** 06/03/10
Prep Batch #...: 0154141
Dilution Factor: 1 **Initial Wgt/Vol:** 5 mL **Final Wgt/Vol..:** 5 mL

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10**	**9.0**	**ug/L**	**90**		**SW846 8260B**
	ND	**10**	**9.4**	**ug/L**	**94**	**4.7**	**SW846 8260B**
Bromobenzene	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.5	ug/L	85	7.0	SW846 8260B
Acetone	ND	20	25	ug/L	94		SW846 8260B
	ND	20	26	ug/L	98	3.2	SW846 8260B
Carbon disulfide	ND	10	9.4	ug/L	94		SW846 8260B
	ND	10	9.9	ug/L	99	4.4	SW846 8260B
Bromochloromethane	ND	10	9.2	ug/L	92		SW846 8260B
	ND	10	9.5	ug/L	95	3.7	SW846 8260B
1,2-Dichloroethene (total)	ND	20	18	ug/L	89		SW846 8260B
	ND	20	19	ug/L	93	4.3	SW846 8260B
Bromodichloromethane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	9.0	ug/L	90	6.8	SW846 8260B
2-Butanone	ND	20	22	ug/L	100		SW846 8260B
	ND	20	22	ug/L	102	1.3	SW846 8260B
Bromoform	ND	10	6.7	ug/L	67		SW846 8260B
	ND	10	7.2	ug/L	72	6.6	SW846 8260B
Bromomethane	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	9.2	ug/L	92	18	SW846 8260B
n-Butylbenzene	ND	10	7.5	ug/L	75		SW846 8260B
	ND	10	8.1	ug/L	81	7.6	SW846 8260B
4-Methyl-2-pentanone	ND	20	17	ug/L	87		SW846 8260B
	ND	20	18	ug/L	89	2.9	SW846 8260B
sec-Butylbenzene	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.1	ug/L	81	5.9	SW846 8260B
2-Hexanone	ND	20	17	ug/L	83		SW846 8260B
	ND	20	17	ug/L	87	4.3	SW846 8260B
tert-Butylbenzene	ND	10	8.1	ug/L	81		SW846 8260B
	ND	10	8.6	ug/L	86	6.3	SW846 8260B
Carbon tetrachloride	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.8	ug/L	88	6.4	SW846 8260B
Xylenes (total)	ND	30	26	ug/L	85 a		SW846 8260B
	ND	30	27	ug/L	90	5.8	SW846 8260B
Chlorobenzene	**ND**	**10**	**8.6**	**ug/L**	**86**		**SW846 8260B**
	ND	**10**	**9.1**	**ug/L**	**91**	**5.0**	**SW846 8260B**
Dibromochloromethane	ND	10	7.2	ug/L	72		SW846 8260B
	ND	10	7.5	ug/L	75	4.6	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	10	10	ug/L	104		SW846 8260B
	ND	10	11	ug/L	106	1.9	SW846 8260B
Methyl acetate	ND	10	7.9	ug/L	79		SW846 8260B
	ND	10	8.2	ug/L	82	2.7	SW846 8260B
Chloroethane	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	8.6	ug/L	86	11	SW846 8260B
Methyl tert-butyl ether (MTBE)	ND	10	11	ug/L	109		SW846 8260B
	ND	10	11	ug/L	113	3.2	SW846 8260B
Cyclohexane	ND	10	7.7	ug/L	77		SW846 8260B
	ND	10	7.5	ug/L	75	2.4	SW846 8260B
Methylcyclohexane	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	7.6	ug/L	76	7.1	SW846 8260B
Chloroform	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.2	ug/L	92	5.4	SW846 8260B
Chloromethane	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.9	ug/L	89	7.7	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	10	6.6	ug/L	66 a		SW846 8260B
	ND	10	6.8	ug/L	68 a	2.9	SW846 8260B
2-Chlorotoluene	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.1	ug/L	81	1.1	SW846 8260B
Methyl tert-butyl ether	ND	10	11	ug/L	109		SW846 8260B
	ND	10	11	ug/L	113	3.2	SW846 8260B
n-Hexane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	7.7	ug/L	77	14	SW846 8260B
4-Chlorotoluene	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.4	ug/L	84	5.0	SW846 8260B
2-Chloroethyl vinyl ether	ND	10	0.0	ug/L	0.0 a		SW846 8260B
	ND	10	0.0	ug/L	0.0 a	0.0	SW846 8260B
Acetonitrile	ND	30	37	ug/L	124		SW846 8260B
	ND	30	39	ug/L	129	4.1	SW846 8260B
1,2-Dibromoethane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	8.9	ug/L	89	2.9	SW846 8260B
Acrolein	ND	30	31	ug/L	104		SW846 8260B
	ND	30	33	ug/L	111	6.9	SW846 8260B
Acrylonitrile	ND	30	30	ug/L	99		SW846 8260B
	ND	30	31	ug/L	103	3.8	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Vinyl acetate	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.7	ug/L	97	7.2	SW846 8260B
Dibromomethane	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.7	ug/L	97	5.6	SW846 8260B
1,2-Dichlorobenzene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.9	ug/L	89	4.9	SW846 8260B
1,3-Dichlorobenzene	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.5	ug/L	85	3.4	SW846 8260B
1,4-Dichlorobenzene	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.7	ug/L	87	3.2	SW846 8260B
Iodomethane	ND	10	9.9	ug/L	99		SW846 8260B
	ND	10	10	ug/L	104	4.8	SW846 8260B
Isopropyl ether	ND	10	8.7	ug/L	87		SW846 8260B
	ND	10	9.1	ug/L	91	4.5	SW846 8260B
Dichlorodifluoromethane	ND	10	5.1	ug/L	51 a		SW846 8260B
	ND	10	5.1	ug/L	51 a	1.2	SW846 8260B
1,1-Dichloroethane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.2	ug/L	92	3.3	SW846 8260B
1,2-Dichloroethane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.3	ug/L	93	4.1	SW846 8260B
cis-1,2-Dichloroethene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.2	ug/L	92	4.4	SW846 8260B
trans-1,2-Dichloroethene	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.5	ug/L	95	4.2	SW846 8260B
1,1-Dichloroethene	**ND**	**10**	**9.8**	**ug/L**	**98**		**SW846 8260B**
	ND	**10**	**10**	**ug/L**	**100**	**2.7**	**SW846 8260B**
1,2-Dichloropropane	ND	10	9.0	ug/L	90		SW846 8260B
	ND	10	9.6	ug/L	96	6.5	SW846 8260B
1,3-Dichloropropane	ND	10	8.5	ug/L	85		SW846 8260B
	ND	10	8.8	ug/L	88	3.6	SW846 8260B
2,2-Dichloropropane	ND	10	6.9	ug/L	69 a		SW846 8260B
	ND	10	7.4	ug/L	74	7.7	SW846 8260B
cis-1,3-Dichloropropene	ND	10	7.3	ug/L	73 a		SW846 8260B
	ND	10	7.8	ug/L	78 a	6.2	SW846 8260B
trans-1,3-Dichloropropene	ND	10	6.9	ug/L	69 a		SW846 8260B
	ND	10	7.3	ug/L	73	5.6	SW846 8260B
1,1-Dichloropropene	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	9.1	ug/L	91	2.9	SW846 8260B
Ethylbenzene	ND	10	8.5	ug/L	85 a		SW846 8260B
	ND	10	8.6	ug/L	86	1.8	SW846 8260B
Hexachlorobutadiene	ND	10	6.4	ug/L	64 a		SW846 8260B
	ND	10	6.8	ug/L	68 a	5.9	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Isopropylbenzene	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.9	ug/L	89	7.9	SW846 8260B
p-Isopropyltoluene	ND	10	8.0	ug/L	80		SW846 8260B
	ND	10	8.5	ug/L	85	6.3	SW846 8260B
Methylene chloride	ND	10	9.1	ug/L	91		SW846 8260B
	ND	10	9.4	ug/L	94	3.4	SW846 8260B
Naphthalene	ND	10	7.3	ug/L	73		SW846 8260B
	ND	10	7.4	ug/L	74	0.42	SW846 8260B
n-Propylbenzene	ND	10	7.8	ug/L	78		SW846 8260B
	ND	10	8.0	ug/L	80	3.1	SW846 8260B
Styrene	ND	10	8.1	ug/L	81 a		SW846 8260B
	ND	10	8.8	ug/L	88	7.3	SW846 8260B
1,1,1,2-Tetrachloroethane	ND	10	8.4	ug/L	84		SW846 8260B
	ND	10	8.9	ug/L	89	5.6	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	10	8.2	ug/L	82 a		SW846 8260B
	ND	10	8.4	ug/L	84 a	2.0	SW846 8260B
Tetrachloroethene	ND	10	8.4	ug/L	84 a		SW846 8260B
	ND	10	9.0	ug/L	90	6.6	SW846 8260B
Toluene	**ND**	**10**	**8.4**	**ug/L**	**84**		**SW846 8260B**
	ND	**10**	**8.9**	**ug/L**	**89**	**5.9**	**SW846 8260B**
1,2,3-Trichlorobenzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	7.5	ug/L	75	0.64	SW846 8260B
1,2,4-Trichloro-benzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.0	ug/L	80	5.3	SW846 8260B
1,1,1-Trichloroethane	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.1	ug/L	91	6.1	SW846 8260B
1,1,2-Trichloroethane	ND	10	8.8	ug/L	88		SW846 8260B
	ND	10	8.9	ug/L	89	0.46	SW846 8260B
Trichloroethene	**ND**	**10**	**8.9**	**ug/L**	**89**		**SW846 8260B**
	ND	**10**	**9.2**	**ug/L**	**92**	**3.4**	**SW846 8260B**
Trichlorofluoromethane	ND	10	11	ug/L	108		SW846 8260B
	ND	10	12	ug/L	116	7.4	SW846 8260B
1,2,3-Trichloropropane	ND	10	8.9	ug/L	89		SW846 8260B
	ND	10	9.1	ug/L	91	2.4	SW846 8260B
1,2,4-Trimethylbenzene	ND	10	8.2	ug/L	82		SW846 8260B
	ND	10	8.7	ug/L	87	6.3	SW846 8260B
1,3,5-Trimethylbenzene	ND	10	7.6	ug/L	76		SW846 8260B
	ND	10	8.1	ug/L	81	5.8	SW846 8260B
Vinyl chloride	ND	10	8.7	ug/L	87 a		SW846 8260B
	ND	10	9.4	ug/L	94	8.2	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: A0E280605 **Work Order #...:** L18391DG-MS **Matrix.....:** WG
MS Lot-Sample #: A0E280605-001 L18391DH-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
m-Xylene & p-Xylene	ND	20	17	ug/L	85		SW846 8260B
	ND	20	18	ug/L	90	5.8	SW846 8260B
o-Xylene	ND	10	8.6	ug/L	86		SW846 8260B
	ND	10	9.1	ug/L	91	5.9	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Dibromofluoromethane	93	(73 - 122)
	92	(73 - 122)
1,2-Dichloroethane-d4	91	(61 - 128)
	90	(61 - 128)
Toluene-d8	89	(76 - 110)
	89	(76 - 110)
4-Bromofluorobenzene	90	(74 - 116)
	89	(74 - 116)

NOTE(S):

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

Bold print denotes control parameters

a Spiked analyte recovery is outside stated control limits.

METALS DATA

TRW Automotive

Client Sample ID: SW-WC1-201005251100

DISSOLVED Metals

Lot-Sample #...: A0E280605-001 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L18391AE
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L18391AF
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AG**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AC
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L18391AH
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L18391AJ
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**6170**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AK**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	**44.2**	**15.0**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AL**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**15900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AM**
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AN
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-WC1-201005251100

DISSOLVED Metals

Lot-Sample #...: A0E280605-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AD
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**49.5**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L18391A6**
		Dilution Factor: 1		Analysis Time..: 17:39	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AP
		Dilution Factor: 1		Analysis Time..: 14:41	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L18391AQ
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**4880**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L18391AR**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: SW-WC2-201005251200

DISSOLVED Metals

Lot-Sample #...: A0E280605-002 **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184N1AM
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184N1AN
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**13900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AP**
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AK
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184N1AQ
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND E	5000	ug/L	SW846 6010B	06/01-06/02/10	L184N1AR
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**5010**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AT**
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AU
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**11900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AV**
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AW
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-WC2-201005251200

DISSOLVED Metals

Lot-Sample #...: A0E280605-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AL
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**43.9**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184N1AH**
		Dilution Factor: 1		Analysis Time..: 17:51	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AX
		Dilution Factor: 1		Analysis Time..: 14:59	Analyst ID.....: 000079	
		Instrument ID..: I5				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184N1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**4390**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184N1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

NOTE(S):

E Matrix interference.

TRW Automotive

Client Sample ID: SW-WC3-201005251300

DISSOLVED Metals

Lot-Sample #...: A0E280605-003 **Matrix.....:** WG
Date Sampled...: 05/25/10 13:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184P1AM
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184P1AN
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**14700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AP**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AK
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184P1AQ
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184P1AR
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**5280**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AT**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AU
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**12300**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AV**
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AW
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-WC3-201005251300

DISSOLVED Metals

Lot-Sample #...: A0E280605-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AL
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**44.8**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184P1AH**
		Dilution Factor: 1		Analysis Time..: 17:55	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AX
		Dilution Factor: 1		Analysis Time..: 15:10	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184P1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**4830**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184P1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: SW-WC4-201005251400

DISSOLVED Metals

Lot-Sample #...: A0E280605-004 **Matrix.....:** WG
Date Sampled...: 05/25/10 14:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AM
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AN
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**15600**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AP**
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AK
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AQ
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AR
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**5590**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AT**
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AU
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AV**
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AW
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: SW-WC4-201005251400

DISSOLVED Metals

Lot-Sample #...: A0E280605-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AL
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**48.3**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184Q1AH**
		Dilution Factor: 1		Analysis Time..: 18:08	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AX
		Dilution Factor: 1		Analysis Time..: 15:16	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184Q1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**5000**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184Q1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

TRW Automotive

Client Sample ID: DUP01-20100525

DISSOLVED Metals

Lot-Sample #...: A0E280605-005 **Matrix.....:** WG
Date Sampled...: 05/25/10 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184T1AM
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184T1AN
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Calcium	**14100**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AP**
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AK
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184T1AQ
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184T1AR
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Magnesium	**5040**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AT**
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AU
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Sodium	**12000**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AV**
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AW
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				

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TRW Automotive

Client Sample ID: DUP01-20100525

DISSOLVED Metals

Lot-Sample #...: A0E280605-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AL
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				
Strontium	**43.4**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184T1AH**
		Dilution Factor: 1		Analysis Time..: 18:11	Analyst ID.....: 001576	
		Instrument ID..: I8				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AX
		Dilution Factor: 1		Analysis Time..: 15:22	Analyst ID.....: 000079	
		Instrument ID..: I5				

Prep Batch #...: 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184T1A0
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				
Silica	**4350**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184T1A1**
		Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 022952	
		Instrument ID..: 6500ICP				

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0F010000-031 **Prep Batch #...:** 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L19511AD
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L19511AE
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AF
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AA
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L19511AG
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AC
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AJ
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AK
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AM
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AH
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AL
		Dilution Factor: 1				
		Analysis Time..: 12:53	Analyst ID.....: 000079	Instrument ID..: I5		

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/03/10	L19511AP
		Dilution Factor: 1				
		Analysis Time..: 16:32		Analyst ID.....: 001576	Instrument ID..: I8	
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AN
		Dilution Factor: 1				
		Analysis Time..: 12:53		Analyst ID.....: 000079	Instrument ID..: I5	

MB Lot-Sample #: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AA
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AC
		Dilution Factor: 1				
		Analysis Time..: 00:00		Analyst ID.....: 022952	Instrument ID..: 650	

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-031 **Prep Batch #...:** 0152031					
Chromium	90	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AQ
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Lead	92	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AR
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Barium	90	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AT
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Boron	86	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AU
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Calcium	89	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AV
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Iron	91	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AW
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Potassium	90	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511AX
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Magnesium	88	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A0
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Manganese	94	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A1
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Sodium	88	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A2
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	93	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A3
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Zinc	96	(80 - 120)	SW846 6010B	06/01-06/02/10	L19511A4
		Dilution Factor: 1	Analysis Time..: 12:59	Analyst ID.....: 000079	
		Instrument ID..: I5			
Strontium	90	(80 - 120)	SW846 6020	06/01-06/03/10	L19511A5
		Dilution Factor: 1	Analysis Time..: 16:36	Analyst ID.....: 001576	
		Instrument ID..: I8			

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	102	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AD
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			
Silica	98	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AE
		Dilution Factor: 1	Analysis Time..: 00:00	Analyst ID.....: 22952	
		Instrument ID..: 6500ICP			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

LCS Lot-Sample#: A0F010000-031 **Prep Batch #...:** 0152031

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	180	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AQ
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Lead	500	459	ug/L	92	SW846 6010B	06/01-06/02/10	L19511AR
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Barium	2000	1790	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AT
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Boron	1000	859	ug/L	86	SW846 6010B	06/01-06/02/10	L19511AU
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Calcium	50000	44700	ug/L	89	SW846 6010B	06/01-06/02/10	L19511AV
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Iron	1000	906	ug/L	91	SW846 6010B	06/01-06/02/10	L19511AW
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Potassium	50000	44900	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AX
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Magnesium	50000	44100	ug/L	88	SW846 6010B	06/01-06/02/10	L19511A0
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Manganese	500	469	ug/L	94	SW846 6010B	06/01-06/02/10	L19511A1
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Sodium	50000	44000	ug/L	88	SW846 6010B	06/01-06/02/10	L19511A2
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	500	463	ug/L	93	SW846 6010B	06/01-06/02/10	L19511A3
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Zinc	500	478	ug/L	96	SW846 6010B	06/01-06/02/10	L19511A4
			Dilution Factor: 1		Analysis Time..: 12:59	Analyst ID.....: 000079	
			Instrument ID..: I5				
Strontium	100	90.4	ug/L	90	SW846 6020	06/01-06/03/10	L19511A5
			Dilution Factor: 1		Analysis Time..: 16:36	Analyst ID.....: 001576	
			Instrument ID..: I8				

LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092

Lithium	1000	1020	ug/L	102	SW846 6010B	06/03-06/04/10	L2DVH1AD
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				
Silica	21400	20900	ug/L	98	SW846 6010B	06/03-06/04/10	L2DVH1AE
			Dilution Factor: 1		Analysis Time..: 00:00	Analyst ID.....: 22952	
			Instrument ID..: 6500ICP				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280605-001 **Prep Batch #...:** 0152031							
Barium	98	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CC
	99	(75 - 125)	0.40	(0-20)	SW846 6010B	06/01-06/02/10	L18391CD
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Boron	96	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CE
	97	(75 - 125)	0.86	(0-20)	SW846 6010B	06/01-06/02/10	L18391CF
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Calcium	100	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CG
	98	(75 - 125)	2.0	(0-20)	SW846 6010B	06/01-06/02/10	L18391CH
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Chromium	98	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391A7
	99	(75 - 125)	0.69	(0-20)	SW846 6010B	06/01-06/02/10	L18391A8
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Iron	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CJ
	99	(75 - 125)	0.27	(0-20)	SW846 6010B	06/01-06/02/10	L18391CK
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Lead	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391A9
	100	(75 - 125)	0.85	(0-20)	SW846 6010B	06/01-06/02/10	L18391CA
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Magnesium	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CN
	98	(75 - 125)	1.4	(0-20)	SW846 6010B	06/01-06/02/10	L18391CP
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Manganese	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CQ
	102	(75 - 125)	0.49	(0-20)	SW846 6010B	06/01-06/02/10	L18391CR
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CV
	103	(75 - 125)	1.2	(0-20)	SW846 6010B	06/01-06/02/10	L18391CW
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Potassium	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CL
	99	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/02/10	L18391CM
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Sodium	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CT
	95	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/02/10	L18391CU
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	
Strontium	97	(20 - 192)			SW846 6020	06/01-06/03/10	L18391C1
	100	(20 - 192)	2.1	(0-20)	SW846 6020	06/01-06/03/10	L18391C2
		Dilution Factor: 1					
		Analysis Time..: 17:43			Instrument ID..: I8	Analyst ID.....: 001576	
Zinc	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CX
	104	(75 - 125)	1.6	(0-20)	SW846 6010B	06/01-06/02/10	L18391C0
		Dilution Factor: 1					
		Analysis Time..: 14:47			Instrument ID..: I5	Analyst ID.....: 000079	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

MS Lot-Sample #: A0E280605-001 **Prep Batch #...:** 0152031

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	ND	2000	2030	ug/L	98		SW846 6010B	06/01-06/02/10	L18391CC
	ND	2000	2040	ug/L	99	0.40	SW846 6010B	06/01-06/02/10	L18391CD
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Boron									
	ND	1000	957	ug/L	96		SW846 6010B	06/01-06/02/10	L18391CE
	ND	1000	966	ug/L	97	0.86	SW846 6010B	06/01-06/02/10	L18391CF
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Calcium									
	16700	50000	66900	ug/L	100		SW846 6010B	06/01-06/02/10	L18391CG
	16700	50000	65600	ug/L	98	2.0	SW846 6010B	06/01-06/02/10	L18391CH
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Chromium									
	ND	200	196	ug/L	98		SW846 6010B	06/01-06/02/10	L18391A7
	ND	200	197	ug/L	99	0.69	SW846 6010B	06/01-06/02/10	L18391A8
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Iron									
	ND	1000	991	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CJ
	ND	1000	994	ug/L	99	0.27	SW846 6010B	06/01-06/02/10	L18391CK
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Lead									
	ND	500	496	ug/L	99		SW846 6010B	06/01-06/02/10	L18391A9
	ND	500	501	ug/L	100	0.85	SW846 6010B	06/01-06/02/10	L18391CA
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Magnesium									
	6170	50000	55800	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CN
	6170	50000	55000	ug/L	98	1.4	SW846 6010B	06/01-06/02/10	L18391CP
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	

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MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Manganese									
	44.2	500	554	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CQ
	44.2	500	557	ug/L	102	0.49	SW846 6010B	06/01-06/02/10	L18391CR
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Nickel									
	ND	500	510	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CV
	ND	500	516	ug/L	103	1.2	SW846 6010B	06/01-06/02/10	L18391CW
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Potassium									
	ND	50000	53900	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CL
	ND	50000	52400	ug/L	99	2.8	SW846 6010B	06/01-06/02/10	L18391CM
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Sodium									
	15900	50000	65400	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CT
	15900	50000	63600	ug/L	95	2.8	SW846 6010B	06/01-06/02/10	L18391CU
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	
Strontium									
	49.5	100	147	ug/L	97		SW846 6020	06/01-06/03/10	L18391C1
	49.5	100	150	ug/L	100	2.1	SW846 6020	06/01-06/03/10	L18391C2
			Dilution Factor: 1						
			Analysis Time..: 17:43		Instrument ID..: I8			Analyst ID.....: 001576	
Zinc									
	ND	500	519	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CX
	ND	500	527	ug/L	104	1.6	SW846 6010B	06/01-06/02/10	L18391C0
			Dilution Factor: 1						
			Analysis Time..: 14:47		Instrument ID..: I5			Analyst ID.....: 000079	

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092							
Lithium	105	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CM
	103	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CN
		Dilution Factor: 1					
		Analysis Time..: 12:26			Instrument ID..: 6500ICP	Analyst ID.....: 22952	
Silica	99	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CQ
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CR
		Dilution Factor: 1					
		Analysis Time..: 00:00			Instrument ID..: 6500ICP	Analyst ID.....: 22952	

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092									
Lithium									
	ND	1000	1050	ug/L	105		SW846 6010B	06/03-06/04/10	L179V1CM
	ND	1000	1030	ug/L	103	1.8	SW846 6010B	06/03-06/04/10	L179V1CN
			Dilution Factor: 1						
			Analysis Time..: 12:26		Instrument ID..: 6500ICP			Analyst ID.....: 22952	
Silica									
	10100	21400	31200	ug/L	99		SW846 6010B	06/03-06/04/10	L179V1CQ
	10100	21400	30700	ug/L	96	1.8	SW846 6010B	06/03-06/04/10	L179V1CR
			Dilution Factor: 1						
			Analysis Time..: 00:00		Instrument ID..: 6500ICP			Analyst ID.....: 22952	

NOTE(S):

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

GENERAL CHEMISTRY DATA

TRW Automotive

Client Sample ID: SW-WC1-201005251100

General Chemistry

Lot-Sample #...: A0E280605-001 **Work Order #...:** L1839 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**67.7**	**5.0**	**mg/L**	**SM18 2320 B**	**06/05/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/05/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**1.0**	**0.50**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152312**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/27/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**15.6**	**1.0**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/27/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	**0.10**	**0.10**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152311**
		Dilution Factor: 1				
Dissolved Sulfate	**14.5**	**1.0**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	**0.24**	**0.10**	**mg/L**	**SM18 4500-P E**	**06/03/10**	**0154384**
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-WC2-201005251200

General Chemistry

Lot-Sample #...: A0E280605-002 **Work Order #...:** L184N **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**62.3**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	ND	0.50	mg/L	SW846 9056A	05/28/10	0152312
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/28/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**12.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/28/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/28/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate	**4.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-WC3-201005251300

General Chemistry

Lot-Sample #...: A0E280605-003 **Work Order #...:** L184P **Matrix.....:** WG
Date Sampled...: 05/25/10 13:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**65.5**	**5.0**	**mg/L**	**SM18 2320 B**	**06/05/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/05/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	ND	0.50	mg/L	SW846 9056A	05/28/10	0152312
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/28/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**13.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/28/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/28/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate	**5.0**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: SW-WC4-201005251400

General Chemistry

Lot-Sample #...: A0E280605-004 **Work Order #...:** L184Q **Matrix.....:** WG
Date Sampled...: 05/25/10 14:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**68.9**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	ND	0.50	mg/L	SW846 9056A	05/28/10	0152312
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/28/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**13.4**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/28/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/28/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate	**5.0**	**1.0**	**mg/L**	**SW846 9056A**	**05/28/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

TRW Automotive

Client Sample ID: DUP01-20100525

General Chemistry

Lot-Sample #...: A0E280605-005 **Work Order #...:** L184T **Matrix.....:** WG
Date Sampled...: 05/25/10 **Date Received..:** 05/27/10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity	**62.5**	**5.0**	**mg/L**	**SM18 2320 B**	**06/04/10**	**0156023**
		Dilution Factor: 1				
Carbonate Alkalinity	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Dissolved ortho-Phosphate	**0.50**	**0.50**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152312**
		Dilution Factor: 1				
Dissolved Ammonia as N	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide	ND	0.50	mg/L	SW846 9056A	05/27/10	0152308
		Dilution Factor: 1				
Dissolved Chloride	**12.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152307**
		Dilution Factor: 1				
Dissolved Fluoride	ND	1.0	mg/L	SW846 9056A	05/27/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N	**0.20**	**0.10**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152310**
		Dilution Factor: 1				
Dissolved Nitrite	ND	0.10	mg/L	SW846 9056A	05/27/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate	**4.7**	**1.0**	**mg/L**	**SW846 9056A**	**05/27/10**	**0152313**
		Dilution Factor: 1				
Total Phosphorus, Dissolved	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity		Work Order #: L2JMT1AA		MB Lot-Sample #:	A0F050000-023	
	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1				
Carbonate Alkalinity		Work Order #: L2JM31AA		MB Lot-Sample #:	A0F050000-026	
	ND	5.0	mg/L	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1				
Total Phosphorus, Dissolved		Work Order #: L2E811AA		MB Lot-Sample #:	A0F030000-384	
	ND	0.10	mg/L	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1				

NOTE(S):

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

METHOD BLANK REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		Work Order #: L2AVJ1AA		MB Lot-Sample #:	A0F010000-312	
	ND	0.50	mg/L	SW846 9056A	05/27/10	0152312
		Dilution Factor: 1				
Dissolved Ammonia as N		Work Order #: L2KF31AA		MB Lot-Sample #:	A0F070000-342	
	ND	2.0	mg/L	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1				
Dissolved Bromide		Work Order #: L2AVD1AA		MB Lot-Sample #:	A0F010000-308	
	ND	0.50	mg/L	SW846 9056A	05/27/10	0152308
		Dilution Factor: 1				
Dissolved Chloride		Work Order #: L2AVC1AA		MB Lot-Sample #:	A0F010000-307	
	ND	1.0	mg/L	SW846 9056A	05/27/10	0152307
		Dilution Factor: 1				
Dissolved Fluoride		Work Order #: L2AVF1AA		MB Lot-Sample #:	A0F010000-309	
	ND	1.0	mg/L	SW846 9056A	05/27/10	0152309
		Dilution Factor: 1				
Dissolved Nitrate as N		Work Order #: L2AVG1AA		MB Lot-Sample #:	A0F010000-310	
	ND	0.10	mg/L	SW846 9056A	05/27/10	0152310
		Dilution Factor: 1				
Dissolved Nitrite		Work Order #: L2AVH1AA		MB Lot-Sample #:	A0F010000-311	
	ND	0.10	mg/L	SW846 9056A	05/27/10	0152311
		Dilution Factor: 1				
Dissolved Sulfate		Work Order #: L2AVK1AA		MB Lot-Sample #:	A0F010000-313	
	ND	1.0	mg/L	SW846 9056A	05/27/10	0152313
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved		Work Order #: L2E811AC	LCS Lot-Sample#: A0F030000-384		
	90	(53 - 134)	SM18 4500-P E	06/03/10	0154384
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved	Work Order #: L2E811AC LCS Lot-Sample#: A0F030000-384						
	2.6	2.3	mg/L	90	SM18 4500-P E	06/03/10	0154384
	Dilution Factor: 1						

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Lot-Sample #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate	WO#:L2AVJ1AC-LCS/L2AVJ1AD-LCSD LCS Lot-Sample#: A0F010000-312						
	100	(90 - 110)			SW846 9056A	05/27/10	0152312
	100	(90 - 110)	0.0	(0-20)	SW846 9056A	05/27/10	0152312
	Dilution Factor: 1						
Dissolved Bromide	WO#:L2AVD1AC-LCS/L2AVD1AD-LCSD LCS Lot-Sample#: A0F010000-308						
	94	(90 - 110)			SW846 9056A	05/27/10	0152308
	95	(90 - 110)	1.0	(0-20)	SW846 9056A	05/27/10	0152308
	Dilution Factor: 1						
Dissolved Chloride	WO#:L2AVC1AC-LCS/L2AVC1AD-LCSD LCS Lot-Sample#: A0F010000-307						
	104	(90 - 110)			SW846 9056A	05/27/10	0152307
	103	(90 - 110)	0.38	(0-20)	SW846 9056A	05/27/10	0152307
	Dilution Factor: 1						
Dissolved Fluoride	WO#:L2AVF1AC-LCS/L2AVF1AD-LCSD LCS Lot-Sample#: A0F010000-309						
	96	(90 - 110)			SW846 9056A	05/27/10	0152309
	96	(90 - 110)	0.0	(0-20)	SW846 9056A	05/27/10	0152309
	Dilution Factor: 1						
Dissolved Nitrate as N	WO#:L2AVG1AC-LCS/L2AVG1AD-LCSD LCS Lot-Sample#: A0F010000-310						
	96	(90 - 110)			SW846 9056A	05/27/10	0152310
	96	(90 - 110)	0.0	(0-20)	SW846 9056A	05/27/10	0152310
	Dilution Factor: 1						
Dissolved Nitrite	WO#:L2AVH1AC-LCS/L2AVH1AD-LCSD LCS Lot-Sample#: A0F010000-311						
	100	(90 - 110)			SW846 9056A	05/27/10	0152311
	100	(90 - 110)	0.0	(0-20)	SW846 9056A	05/27/10	0152311
	Dilution Factor: 1						
Dissolved Sulfate	WO#:L2AVK1AC-LCS/L2AVK1AD-LCSD LCS Lot-Sample#: A0F010000-313						
	95	(90 - 110)			SW846 9056A	05/27/10	0152313
	96	(90 - 110)	0.62	(0-20)	SW846 9056A	05/27/10	0152313
	Dilution Factor: 1						

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Lot-Sample #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved ortho-Phosphate		WO#:L2AVJ1AC-LCS/L2AVJ1AD-LCSD				LCS Lot-Sample#: A0F010000-312		
	2.5	2.5	mg/L	100		SW846 9056A	05/27/10	0152312
	2.5	2.5	mg/L	100	0.0	SW846 9056A	05/27/10	0152312
		Dilution Factor: 1						
Dissolved Bromide		WO#:L2AVD1AC-LCS/L2AVD1AD-LCSD				LCS Lot-Sample#: A0F010000-308		
	10.0	9.4	mg/L	94		SW846 9056A	05/27/10	0152308
	10.0	9.5	mg/L	95	1.0	SW846 9056A	05/27/10	0152308
		Dilution Factor: 1						
Dissolved Chloride		WO#:L2AVC1AC-LCS/L2AVC1AD-LCSD				LCS Lot-Sample#: A0F010000-307		
	50.0	51.8	mg/L	104		SW846 9056A	05/27/10	0152307
	50.0	51.6	mg/L	103	0.38	SW846 9056A	05/27/10	0152307
		Dilution Factor: 1						
Dissolved Fluoride		WO#:L2AVF1AC-LCS/L2AVF1AD-LCSD				LCS Lot-Sample#: A0F010000-309		
	2.5	2.4	mg/L	96		SW846 9056A	05/27/10	0152309
	2.5	2.4	mg/L	96	0.0	SW846 9056A	05/27/10	0152309
		Dilution Factor: 1						
Dissolved Nitrate as N		WO#:L2AVG1AC-LCS/L2AVG1AD-LCSD				LCS Lot-Sample#: A0F010000-310		
	2.5	2.4	mg/L	96		SW846 9056A	05/27/10	0152310
	2.5	2.4	mg/L	96	0.0	SW846 9056A	05/27/10	0152310
		Dilution Factor: 1						
Dissolved Nitrite		WO#:L2AVH1AC-LCS/L2AVH1AD-LCSD				LCS Lot-Sample#: A0F010000-311		
	2.5	2.5	mg/L	100		SW846 9056A	05/27/10	0152311
	2.5	2.5	mg/L	100	0.0	SW846 9056A	05/27/10	0152311
		Dilution Factor: 1						
Dissolved Sulfate		WO#:L2AVK1AC-LCS/L2AVK1AD-LCSD				LCS Lot-Sample#: A0F010000-313		
	50.0	47.6	mg/L	95		SW846 9056A	05/27/10	0152313
	50.0	47.9	mg/L	96	0.62	SW846 9056A	05/27/10	0152313
		Dilution Factor: 1						

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N		Work Order #: L2KF31AC	LCS Lot-Sample#: A0F070000-342		
	91	(85 - 114)	SM18 4500 NH3 E	06/07/10	0158342
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N			Work Order #: L2KF31AC		LCS Lot-Sample#: A0F070000-342		
	6.5	5.9	mg/L	91	SM18 4500 NH3 E	06/07/10	0158342
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved	WO#: L179V1GT-MS/L179V1GU-MSD MS Lot-Sample #: A0E280509-003						
	101	(10 - 199)			SM18 4500-P E	06/03/10	0154384
	100	(10 - 199)	0.37	(0-46)	SM18 4500-P E	06/03/10	0154384
	Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Total Phosphorus, Dissolved			WO#: L179V1GT-MS/L179V1GU-MSD				MS Lot-Sample #: A0E280509-003		
	ND	0.50	0.54	mg/L	101		SM18 4500-P E	06/03/10	0154384
	ND	0.50	0.54	mg/L	100	0.37	SM18 4500-P E	06/03/10	0154384
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Bromide		Work Order #...: L184N1A8		MS Lot-Sample #:	A0E280605-002
	96	(80 - 120)	SW846 9056A	05/28/10	0152308
		Dilution Factor: 1			
Dissolved Chloride		Work Order #...: L184N1A7		MS Lot-Sample #:	A0E280605-002
	108	(80 - 120)	SW846 9056A	05/28/10	0152307
		Dilution Factor: 1			
Dissolved Fluoride		Work Order #...: L184N1A9		MS Lot-Sample #:	A0E280605-002
	112	(80 - 120)	SW846 9056A	05/28/10	0152309
		Dilution Factor: 1			
Dissolved Nitrate as N		Work Order #...: L184N1CA		MS Lot-Sample #:	A0E280605-002
	96	(90 - 110)	SW846 9056A	05/28/10	0152310
		Dilution Factor: 1			
Dissolved Nitrite		Work Order #...: L184N1CC		MS Lot-Sample #:	A0E280605-002
	108	(90 - 110)	SW846 9056A	05/28/10	0152311
		Dilution Factor: 1			
Dissolved Sulfate		Work Order #...: L184N1CE		MS Lot-Sample #:	A0E280605-002
	94	(90 - 110)	SW846 9056A	05/28/10	0152313
		Dilution Factor: 1			

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Bromide			Work Order #...:		L184N1A8		MS Lot-Sample #:	A0E280605-002
	ND	10.0	9.6	mg/L	96	SW846 9056A	05/28/10	0152308
			Dilution Factor: 1					
Dissolved Chloride			Work Order #...:		L184N1A7		MS Lot-Sample #:	A0E280605-002
	12.7	50.0	66.8	mg/L	108	SW846 9056A	05/28/10	0152307
			Dilution Factor: 1					
Dissolved Fluoride			Work Order #...:		L184N1A9		MS Lot-Sample #:	A0E280605-002
	ND	2.5	2.9	mg/L	112	SW846 9056A	05/28/10	0152309
			Dilution Factor: 1					
Dissolved Nitrate as N			Work Order #...:		L184N1CA		MS Lot-Sample #:	A0E280605-002
	0.20	2.5	2.6	mg/L	96	SW846 9056A	05/28/10	0152310
			Dilution Factor: 1					
Dissolved Nitrite			Work Order #...:		L184N1CC		MS Lot-Sample #:	A0E280605-002
	ND	2.5	2.7	mg/L	108	SW846 9056A	05/28/10	0152311
			Dilution Factor: 1					
Dissolved Sulfate			Work Order #...:		L184N1CE		MS Lot-Sample #:	A0E280605-002
	4.7	50.0	51.9	mg/L	94	SW846 9056A	05/28/10	0152313
			Dilution Factor: 1					

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N	WO#: L179V1C8-MS/L179V1C9-MSD MS Lot-Sample #: A0E280509-003						
	63 N	(75 - 125)			SM18 4500 NH3 E	06/07/10	0158342
	91 *	(75 - 125)	33	(0-20)	SM18 4500 NH3 E	06/07/10	0158342

Dilution Factor: 1

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

MATRIX SPIKE SAMPLE DATA REPORT

General Chemistry

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Dissolved Ammonia as N			WO#: L179V1C8-MS/L179V1C9-MSD				MS Lot-Sample #: A0E280509-003		
	ND	4.0	2.8 N	mg/L	63		SM18 4500 NH3	06/07/10	0158342
	ND	4.0	3.9 *	mg/L	91	33	SM18 4500 NH3	06/07/10	0158342
			Dilution Factor: 1						

NOTE(S):

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

N Spiked analyte recovery is outside stated control limits.

* Relative percent difference (RPD) is outside stated control limits.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Work Order #...:** L179V-SMP L179V-DUP **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	A0E280509-003	
	139	150	mg/L	7.0	(0-20)	SM18 2320 B	06/04/10	0156023
		Dilution Factor: 1						
Carbonate Alkalinity						SD Lot-Sample #:	A0E280509-003	
	ND	ND	mg/L	0	(0-20)	SM18 2320 B	06/04/10	0156026
		Dilution Factor: 1						

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #...: A0E280605 **Work Order #...:** L1839-SMP **Matrix.....:** WG
L1839-DUP
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAM	RESULT	DUPLICATE RESULT	UNITS	RPD	RPD LIMIT	METHOD	PREPARATION-ANALYSIS DATE	PREP BATCH #
Bicarbonate Alkalinity						SD Lot-Sample #:	A0E280605-001	
	67.7	67.5	mg/L	0.21	(0-20)	SM18 2320 B	06/05/10	0156023
		Dilution Factor: 1						
Carbonate Alkalinity						SD Lot-Sample #:	A0E280605-001	
	ND	ND	mg/L	0	(0-20)	SM18 2320 B	06/05/10	0156026
		Dilution Factor: 1						

PITTSBURGH DATA

TRW Automotive

Client Sample ID: SW-WC1-201005251100

DISSOLVED Metals

Lot-Sample #...: A0E280605-001 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L18391AE
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L18391AF
		Dilution Factor: 1				
Calcium	**16700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AG**
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AC
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L18391AH
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L18391AJ
		Dilution Factor: 1				
Magnesium	**6170**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AK**
		Dilution Factor: 1				
Manganese	**44.2**	**15.0**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AL**
		Dilution Factor: 1				
Sodium	**15900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L18391AM**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AN
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AD
		Dilution Factor: 1				
Strontium	**49.5**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L18391A6**
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L18391AP
		Dilution Factor: 1				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L18391AQ
		Dilution Factor: 1				

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TRW Automotive

Client Sample ID: SW-WC1-201005251100

DISSOLVED Metals

Lot-Sample #...: A0E280605-001 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica	**4880**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L18391AR**

Dilution Factor: 1

TRW Automotive

Client Sample ID: SW-WC2-201005251200

DISSOLVED Metals

Lot-Sample #...: A0E280605-002 **Matrix.....:** WG
Date Sampled...: 05/25/10 12:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184N1AM
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184N1AN
		Dilution Factor: 1				
Calcium	**13900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AP**
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AK
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184N1AQ
		Dilution Factor: 1				
Potassium	ND E	5000	ug/L	SW846 6010B	06/01-06/02/10	L184N1AR
		Dilution Factor: 1				
Magnesium	**5010**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AT**
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AU
		Dilution Factor: 1				
Sodium	**11900**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184N1AV**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AW
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AL
		Dilution Factor: 1				
Strontium	**43.9**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184N1AH**
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184N1AX
		Dilution Factor: 1				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184N1A0
		Dilution Factor: 1				

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TRW Automotive

Client Sample ID: SW-WC2-201005251200

DISSOLVED Metals

Lot-Sample #...: A0E280605-002 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica	**4390**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184N1A1**

Dilution Factor: 1

NOTE(S):

E Matrix interference.

TRW Automotive

Client Sample ID: SW-WC3-201005251300

DISSOLVED Metals

Lot-Sample #...: A0E280605-003 **Matrix.....:** WG
Date Sampled...: 05/25/10 13:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184P1AM
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184P1AN
		Dilution Factor: 1				
Calcium	**14700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AP**
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AK
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184P1AQ
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184P1AR
		Dilution Factor: 1				
Magnesium	**5280**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AT**
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AU
		Dilution Factor: 1				
Sodium	**12300**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184P1AV**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AW
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AL
		Dilution Factor: 1				
Strontium	**44.8**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184P1AH**
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184P1AX
		Dilution Factor: 1				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184P1A0
		Dilution Factor: 1				

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TRW Automotive

Client Sample ID: SW-WC3-201005251300

DISSOLVED Metals

Lot-Sample #...: A0E280605-003 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica	**4830**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184P1A1**

Dilution Factor: 1

TRW Automotive

Client Sample ID: SW-WC4-201005251400

DISSOLVED Metals

Lot-Sample #...: A0E280605-004 **Matrix.....:** WG
Date Sampled...: 05/25/10 14:00 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AM
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AN
		Dilution Factor: 1				
Calcium	**15600**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AP**
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AK
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AQ
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AR
		Dilution Factor: 1				
Magnesium	**5590**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AT**
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AU
		Dilution Factor: 1				
Sodium	**12700**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184Q1AV**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AW
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AL
		Dilution Factor: 1				
Strontium	**48.3**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184Q1AH**
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184Q1AX
		Dilution Factor: 1				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184Q1A0
		Dilution Factor: 1				

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TRW Automotive

Client Sample ID: SW-WC4-201005251400

DISSOLVED Metals

Lot-Sample #...: A0E280605-004 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica	**5000**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184Q1A1**

Dilution Factor: 1

TRW Automotive

Client Sample ID: DUP01-20100525

DISSOLVED Metals

Lot-Sample #...: A0E280605-005 **Matrix.....:** WG
Date Sampled...: 05/25/10 **Date Received..:** 05/27/10

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184T1AM
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L184T1AN
		Dilution Factor: 1				
Calcium	**14100**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AP**
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AK
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L184T1AQ
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L184T1AR
		Dilution Factor: 1				
Magnesium	**5040**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AT**
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AU
		Dilution Factor: 1				
Sodium	**12000**	**5000**	**ug/L**	**SW846 6010B**	**06/01-06/02/10**	**L184T1AV**
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AW
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AL
		Dilution Factor: 1				
Strontium	**43.4**	**10.0**	**ug/L**	**SW846 6020**	**06/01-06/03/10**	**L184T1AH**
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L184T1AX
		Dilution Factor: 1				
Prep Batch #...: 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L184T1A0
		Dilution Factor: 1				

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TRW Automotive

Client Sample ID: DUP01-20100525

DISSOLVED Metals

Lot-Sample #...: A0E280605-005 **Matrix.....:** WG

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Silica	**4350**	**1070**	**ug/L**	**SW846 6010B**	**06/03-06/04/10**	**L184T1A1**

Dilution Factor: 1

METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: A0F010000-031 **Prep Batch #...:** 0152031						
Barium	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L19511AD
		Dilution Factor: 1				
Boron	ND	200	ug/L	SW846 6010B	06/01-06/02/10	L19511AE
		Dilution Factor: 1				
Calcium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AF
		Dilution Factor: 1				
Chromium	ND	5.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AA
		Dilution Factor: 1				
Iron	ND	100	ug/L	SW846 6010B	06/01-06/02/10	L19511AG
		Dilution Factor: 1				
Lead	ND	3.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AC
		Dilution Factor: 1				
Magnesium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AJ
		Dilution Factor: 1				
Manganese	ND	15.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AK
		Dilution Factor: 1				
Nickel	ND	40.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AM
		Dilution Factor: 1				
Potassium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AH
		Dilution Factor: 1				
Sodium	ND	5000	ug/L	SW846 6010B	06/01-06/02/10	L19511AL
		Dilution Factor: 1				
Strontium	ND	10.0	ug/L	SW846 6020	06/01-06/03/10	L19511AP
		Dilution Factor: 1				
Zinc	ND	20.0	ug/L	SW846 6010B	06/01-06/02/10	L19511AN
		Dilution Factor: 1				

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METHOD BLANK REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MB Lot-Sample #: C0F030000-092 **Prep Batch #...:** 0154092						
Lithium	ND	50.0	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AA
		Dilution Factor: 1				
Silica	ND	1070	ug/L	SW846 6010B	06/03-06/04/10	L2DVH1AC
		Dilution Factor: 1				

NOTE(S):

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

LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: A0F010000-031 **Prep Batch #...:** 0152031					
Chromium	90	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511AQ
Lead	92	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511AR
Barium	90	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511AT
Boron	86	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511AU
Calcium	89	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511AV
Iron	91	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511AW
Potassium	90	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511AX
Magnesium	88	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511A0
Manganese	94	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511A1
Sodium	88	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511A2
Nickel	93	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511A3
Zinc	96	(80 - 120)	SW846 6010B Dilution Factor: 1	06/01-06/02/10	L19511A4
Strontium	90	(80 - 120)	SW846 6020 Dilution Factor: 1	06/01-06/03/10	L19511A5

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092					
Lithium	102	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AD
		Dilution Factor: 1			
Silica	98	(80 - 120)	SW846 6010B	06/03-06/04/10	L2DVH1AE
		Dilution Factor: 1			

NOTE(S):

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

LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

LCS Lot-Sample#: A0F010000-031 **Prep Batch #...:** 0152031

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Chromium	200	180	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AQ
			Dilution Factor: 1				
Lead	500	459	ug/L	92	SW846 6010B	06/01-06/02/10	L19511AR
			Dilution Factor: 1				
Barium	2000	1790	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AT
			Dilution Factor: 1				
Boron	1000	859	ug/L	86	SW846 6010B	06/01-06/02/10	L19511AU
			Dilution Factor: 1				
Calcium	50000	44700	ug/L	89	SW846 6010B	06/01-06/02/10	L19511AV
			Dilution Factor: 1				
Iron	1000	906	ug/L	91	SW846 6010B	06/01-06/02/10	L19511AW
			Dilution Factor: 1				
Potassium	50000	44900	ug/L	90	SW846 6010B	06/01-06/02/10	L19511AX
			Dilution Factor: 1				
Magnesium	50000	44100	ug/L	88	SW846 6010B	06/01-06/02/10	L19511A0
			Dilution Factor: 1				
Manganese	500	469	ug/L	94	SW846 6010B	06/01-06/02/10	L19511A1
			Dilution Factor: 1				
Sodium	50000	44000	ug/L	88	SW846 6010B	06/01-06/02/10	L19511A2
			Dilution Factor: 1				
Nickel	500	463	ug/L	93	SW846 6010B	06/01-06/02/10	L19511A3
			Dilution Factor: 1				
Zinc	500	478	ug/L	96	SW846 6010B	06/01-06/02/10	L19511A4
			Dilution Factor: 1				
Strontium	100	90.4	ug/L	90	SW846 6020	06/01-06/03/10	L19511A5
			Dilution Factor: 1				

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LABORATORY CONTROL SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCNT RECVRY	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
LCS Lot-Sample#: C0F030000-092 **Prep Batch #...:** 0154092							
Lithium	1000	1020	ug/L	102	SW846 6010B	06/03-06/04/10	L2DVH1AD
			Dilution Factor: 1				
Silica	21400	20900	ug/L	98	SW846 6010B	06/03-06/04/10	L2DVH1AE
			Dilution Factor: 1				

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280605-001 **Prep Batch #...:** 0152031							
Barium	98	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CC
	99	(75 - 125)	0.40	(0-20)	SW846 6010B	06/01-06/02/10	L18391CD
		Dilution Factor: 1					
Boron	96	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CE
	97	(75 - 125)	0.86	(0-20)	SW846 6010B	06/01-06/02/10	L18391CF
		Dilution Factor: 1					
Calcium	100	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CG
	98	(75 - 125)	2.0	(0-20)	SW846 6010B	06/01-06/02/10	L18391CH
		Dilution Factor: 1					
Chromium	98	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391A7
	99	(75 - 125)	0.69	(0-20)	SW846 6010B	06/01-06/02/10	L18391A8
		Dilution Factor: 1					
Iron	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CJ
	99	(75 - 125)	0.27	(0-20)	SW846 6010B	06/01-06/02/10	L18391CK
		Dilution Factor: 1					
Lead	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391A9
	100	(75 - 125)	0.85	(0-20)	SW846 6010B	06/01-06/02/10	L18391CA
		Dilution Factor: 1					
Magnesium	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CN
	98	(75 - 125)	1.4	(0-20)	SW846 6010B	06/01-06/02/10	L18391CP
		Dilution Factor: 1					
Manganese	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CQ
	102	(75 - 125)	0.49	(0-20)	SW846 6010B	06/01-06/02/10	L18391CR
		Dilution Factor: 1					
Nickel	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CV
	103	(75 - 125)	1.2	(0-20)	SW846 6010B	06/01-06/02/10	L18391CW
		Dilution Factor: 1					
Potassium	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CL
	99	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/02/10	L18391CM
		Dilution Factor: 1					

(Continued on next page)

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Sodium	99	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CT
	95	(75 - 125)	2.8	(0-20)	SW846 6010B	06/01-06/02/10	L18391CU
		Dilution Factor: 1					
Strontium	97	(20 - 192)			SW846 6020	06/01-06/03/10	L18391C1
	100	(20 - 192)	2.1	(0-20)	SW846 6020	06/01-06/03/10	L18391C2
		Dilution Factor: 1					
Zinc	102	(75 - 125)			SW846 6010B	06/01-06/02/10	L18391CX
	104	(75 - 125)	1.6	(0-20)	SW846 6010B	06/01-06/02/10	L18391C0
		Dilution Factor: 1					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

MS Lot-Sample #: A0E280605-001 **Prep Batch #...:** 0152031

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Barium									
	ND	2000	2030	ug/L	98		SW846 6010B	06/01-06/02/10	L18391CC
	ND	2000	2040	ug/L	99	0.40	SW846 6010B	06/01-06/02/10	L18391CD
			Dilution Factor: 1						
Boron									
	ND	1000	957	ug/L	96		SW846 6010B	06/01-06/02/10	L18391CE
	ND	1000	966	ug/L	97	0.86	SW846 6010B	06/01-06/02/10	L18391CF
			Dilution Factor: 1						
Calcium									
	16700	50000	66900	ug/L	100		SW846 6010B	06/01-06/02/10	L18391CG
	16700	50000	65600	ug/L	98	2.0	SW846 6010B	06/01-06/02/10	L18391CH
			Dilution Factor: 1						
Chromium									
	ND	200	196	ug/L	98		SW846 6010B	06/01-06/02/10	L18391A7
	ND	200	197	ug/L	99	0.69	SW846 6010B	06/01-06/02/10	L18391A8
			Dilution Factor: 1						
Iron									
	ND	1000	991	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CJ
	ND	1000	994	ug/L	99	0.27	SW846 6010B	06/01-06/02/10	L18391CK
			Dilution Factor: 1						
Lead									
	ND	500	496	ug/L	99		SW846 6010B	06/01-06/02/10	L18391A9
	ND	500	501	ug/L	100	0.85	SW846 6010B	06/01-06/02/10	L18391CA
			Dilution Factor: 1						
Magnesium									
	6170	50000	55800	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CN
	6170	50000	55000	ug/L	98	1.4	SW846 6010B	06/01-06/02/10	L18391CP
			Dilution Factor: 1						
Manganese									
	44.2	500	554	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CQ
	44.2	500	557	ug/L	102	0.49	SW846 6010B	06/01-06/02/10	L18391CR
			Dilution Factor: 1						

(Continued on next page)

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WG
Date Sampled...: 05/25/10 11:00 **Date Received..:** 05/27/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
Nickel									
	ND	500	510	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CV
	ND	500	516	ug/L	103	1.2	SW846 6010B	06/01-06/02/10	L18391CW
			Dilution Factor: 1						
Potassium									
	ND	50000	53900	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CL
	ND	50000	52400	ug/L	99	2.8	SW846 6010B	06/01-06/02/10	L18391CM
			Dilution Factor: 1						
Sodium									
	15900	50000	65400	ug/L	99		SW846 6010B	06/01-06/02/10	L18391CT
	15900	50000	63600	ug/L	95	2.8	SW846 6010B	06/01-06/02/10	L18391CU
			Dilution Factor: 1						
Strontium									
	49.5	100	147	ug/L	97		SW846 6020	06/01-06/03/10	L18391C1
	49.5	100	150	ug/L	100	2.1	SW846 6020	06/01-06/03/10	L18391C2
			Dilution Factor: 1						
Zinc									
	ND	500	519	ug/L	102		SW846 6010B	06/01-06/02/10	L18391CX
	ND	500	527	ug/L	104	1.6	SW846 6010B	06/01-06/02/10	L18391C0
			Dilution Factor: 1						

NOTE(S):

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

MATRIX SPIKE SAMPLE EVALUATION REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092							
Lithium	105	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CM
	103	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CN
		Dilution Factor: 1					
Silica	99	(75 - 125)			SW846 6010B	06/03-06/04/10	L179V1CQ
	96	(75 - 125)	1.8	(0-20)	SW846 6010B	06/03-06/04/10	L179V1CR
		Dilution Factor: 1					

NOTE(S):

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

MATRIX SPIKE SAMPLE DATA REPORT

DISSOLVED Metals

Client Lot #...: A0E280605 **Matrix.....:** WATER
Date Sampled...: 05/27/10 08:00 **Date Received..:** 05/28/10

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
MS Lot-Sample #: A0E280509-003 **Prep Batch #...:** 0154092									
Lithium									
	ND	1000	1050	ug/L	105		SW846 6010B	06/03-06/04/10	L179V1CM
	ND	1000	1030	ug/L	103	1.8	SW846 6010B	06/03-06/04/10	L179V1CN
			Dilution Factor: 1						
Silica									
	10100	21400	31200	ug/L	99		SW846 6010B	06/03-06/04/10	L179V1CQ
	10100	21400	30700	ug/L	96	1.8	SW846 6010B	06/03-06/04/10	L179V1CR
			Dilution Factor: 1						

NOTE(S):

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

END OF REPORT

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: ARCADIS	Client Project Manager: John Stanfelt	Site Contact: Wesley Massaro	Lab Contact: Denise Pohl
Address: 8725 Rosehill, Suite 350	Telephone: 913 492 0900 X	Telephone: 913 908 7687	Telephone: 330 966 9789
City/State/Zip: Lenexa, KS 66215	Email: John.Stanfelt@Arcadis-us.com		
Phone: 913-492-0900			
Project Name: OAK Grove Village	Method of Shipment/Carrier: FEDEX		
Project Number: KC001590.0003	Shipping/Tracking No:		
PO #			

COC No: 1 of 1 COCs

Analysis Turnaround Time (in BUS days)
TAT if different from below _____
☐ 3 weeks
☐ 2 weeks
☐ 1 week
☐ 2 days
☐ 1 day

For lab use only
Walk-in client ☐
Lab pickup ☐
Lab sampling ☐
Job/SDG No:

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	Analyses: TCL VOCs	Metals	Silica, Cl, SO4, chloride/nitrate	Carb/Bicarb							Sample Specific Notes / Special Instructions:
SW-WC1-20100525	5-25-10	1100		X				1	2	3			3				X	X	X	X	X						
SW-WC2-20100525		1200						1	2	3			3														
SW-WC3-20100525		1300						1	2	3			3														
SW-WC4-20100525		1400						1	2	3			3														
DUP01-20100525		0000						1	2	3			3														
SW-FC1-20100526	5-26-10	1015								3							X										
SW-FC2-20100526		1100								3							X										
SW-FC3-20100526		1120								3							X										
TB01-20100525	5-25-10	0900								2							X										

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	Arcadis	5-26-2010 / 1245			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL-0018 (1008)

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratory location: _____

Regulatory program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other _____

TestAmerica Laboratories, Inc.

Client Contact			
Company Name: ARCADIS	Client Project Manager: JOHN SHONFELT	Site Contact: WESLEY MASSARO	Lab Contact: DENISE POHL	COC No:
Address: 8725 Rosehill, Suite 350	Telephone: 913 492 0900	Telephone: 913 908 7607	Telephone: 330 966 9789	1 of 1 COCs
City/State/Zip: Lenexa, KS 66215	Email: JOHN.SHONFELT@ARCADIS-US.COM	Analysis Turnaround Time (in BUS days)	Analyses	For lab use only
Phone: 913 492 0900		TAT if different from below _____ ☐ 3 weeks ☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day		Walk-in client ☐ Lab pickup ☐ Lab sampling ☐
Project Name: OAK GROVE Village	Method of Shipment/Carrier: FEDEX			
Project Number: KC001590.0003 00004	Shipping/Tracking No:			Job/SDG No:
PO #				

Sample Identification	Sample Date	Sample Time	Matrix: Air	Aqueous	Sediment	Solid	Other:	Containers & Preservatives: H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	Unpres	Other:	Filtered Sample (Y/N)	Composite=C / Grab=G	TCL VOCs	METALS *	Silica, Di St.*	Chloride Ions*	Carb/Bicarb						Sample Specific Notes / Special Instructions:
SW-CH01-201005261550	5-26-10	1550		X						3						G	X										
SW-TC01-201005261740	5-26-10	1740		↓						3						↓	X										
SW-LJ01-201005270800	5-27-10	0800		↓				3	6	9			9			↓	↓	X	X	X	X						
SW-LJ02-201005270850	↓	0850		↓				1	2	3			3			↓	↓	↓	↓	↓	↓						
SW-LJ03-201005270920	↓	0920		↓				1	2	3			3			↓	↓	↓	↓	↓	↓						
EB01-20100527	↓	1130		↓				1	2	3			3			↓	↓	↓	↓	↓	↓						
TB01-20100526	↓	1130		↓						2						↓	↓										

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return to Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements & Comments:

* SAMPLE ANALYSIS FIELD Filtered

Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
[signature]	ARCADIS, INC.	5-27-10 1730			
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

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TAL-0018 (1008)

ANALYTICAL REPORT

PROJECT NO. KC001590.0003 00004

OAK GROVE VILLAGE

Lot #: A0E280509

Paul Jack, ESPM

TRW Automotive Inc
12025 Tech Center Drive
Livonia, MI 48150

TESTAMERICA LABORATORIES, INC.

Approved for release.
Denise Pohl
Project Manager
6/18/2010 1:26 PM

Denise Pohl
Project Manager
denise.pohl@testamericainc.com

June 18, 2010

Table of Contents

Case Narrative 2
Executive Summary 7
Analytical Method Summary 10
Sample Summary 12
Shipping and Receiving Documents 14
GC/MS Volatile Data 18
- QC Summary Data 19
- Sample Data 56
- Standard Data 133
- Raw QC Data 263
- Miscellaneous Data 379

Inorganic/Metals Data 385
- Forms Data 386
- Instrument Printouts 436
- Miscellaneous Data 546

General Chemistry Data 553
- Sample Data 554
- Supportive Raw Data 576

PITTSBURGH DATA 1246
- Metals Data 1252
  - *Results 1253*
  - *Raw Data 1295*

Total # of Pages in this Document 1674

CASE NARRATIVE

CASE NARRATIVE

A0E280509

The following report contains the analytical results for six water samples and one quality control sample submitted to TestAmerica North Canton by TRW Automotive Inc. from the Oak Grove Village Site, project number KC001590.0003 00004. The samples were received May 28, 2010, according to documented sample acceptance procedures.

The 6010B Field Filter Silica and Lithium analysis was performed at the TestAmerica Pittsburgh laboratory.

TestAmerica utilizes USEPA approved methods in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. Preliminary results were provided to Alex Walter on June 17, 2010. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

All parameters were evaluated to the reporting limit.

Please refer to the Quality Control Elements Narrative following this case narrative for additional quality control information.

If you have any questions, please call the Project Manager, Denise Pohl, at 330-497-9396.

This report is sequentially paginated. The final page of the report is labeled as "END OF REPORT."

CASE NARRATIVE (continued)

SUPPLEMENTAL QC INFORMATION

SAMPLE RECEIVING

The temperatures of the coolers upon sample receipt were 1.7 and 2.6°C.

GC/MS VOLATILES

The matrix spike/matrix spike duplicate(s) for SW-LJ01-201005270800 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

The matrix spike/matrix spike duplicate(s) for batch(es) 0155058 had recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

2-Chloroethyl vinyl ether cannot be reliably recovered in an acid preserved sample.

METALS

The analytical results met the requirements of the laboratory's QA/QC program.

GENERAL CHEMISTRY

The matrix spike/matrix spike duplicate(s) for SW-LJ01-201005270800 had RPD's and recoveries outside acceptance limits. However, since the associated method blank(s) and laboratory control sample(s) were in control, no corrective action was necessary.

Due to analyst error, the sample(s) SW-LJ01-201005270800, SW-LJ02-201005270850, SW-LJ03-201005270920 and EB01-20100527 were loaded onto instrument with twelve (12) samples in between QC. QC is within range and sample data will be reported.

The LCS/LCSD and the CCV were recovered low and outside of criteria Orthophosphate Ion Chromatography. Sample(s) SW-LJ01-201005270800, SW-LJ02-201005270850, SW-LJ03-201005270920, and EB01-20100527 were reanalyzed outside of hold with passing QC. Both sets of data will be reported.

QUALITY CONTROL ELEMENTS NARRATIVE

TestAmerica conducts a quality assurance/quality control (QA/QC) program designed to provide scientifically valid and legally defensible data. Toward this end, several types of quality control indicators are incorporated into the QA/QC program, which is described in detail in QA Policy, QA-003. These indicators are introduced into the sample testing process to provide a mechanism for the assessment of the analytical data. Program or agency specific requirements take precedence over the requirements listed in this narrative.

QC BATCH

Environmental samples are taken through the testing process in groups called QUALITY CONTROL BATCHES (QC batches). A QC batch contains up to twenty environmental samples of a similar matrix (water, soil) that are processed using the same reagents and standards. TestAmerica North Canton requires that each environmental sample be associated with a QC batch.

Several quality control samples are included in each QC batch and are processed identically to the twenty environmental samples.

For SW846/RCRA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE/MATRIX SPIKE DUPLICATE (MS/MSD) pair or a MATRIX SPIKE/SAMPLE DUPLICATE (MS/DU) pair. If there is insufficient sample to perform an MS/MSD or an MS/DU, then a LABORATORY CONTROL SAMPLE DUPLICATE (LCSD) is included in the QC batch.

For 600 series/CWA methods, QC samples include a METHOD BLANK (MB), a LABORATORY CONTROL SAMPLE (LCS) and, where appropriate, a MATRIX SPIKE (MS). An MS is prepared and analyzed at a 10% frequency for GC Methods and at a 5% frequency for GC/MS methods.

LABORATORY CONTROL SAMPLE

The Laboratory Control Sample is a QC sample that is created by adding known concentrations of a full or partial set of target analytes to a matrix similar to that of the environmental samples in the QC batch. Multi peak responders may not be included in the target spike list due to co-elution. The LCS analyte recovery results are used to monitor the analytical process and provide evidence that the laboratory is performing the method within acceptable guidelines. All control analytes indicated by a bold type in the LCS must meet acceptance criteria. Failure to meet the established recovery guidelines requires the repreparation and reanalysis of all samples in the QC batch. Comparison of only the failed parameters from the first batch are evaluated. The only exception to the rework requirement is that if the LCS recoveries are biased high and the associated sample is ND (non-detected) for the parameter(s) of interest, the batch is acceptable.

At times, a Laboratory Control Sample Duplicate (LCSD) is also included in the QC batch. An LCSD is a QC sample that is created and handled identically to the LCS. Analyte recovery data from the LCSD is assessed in the same way as that of the LCS. The LCSD recoveries, together with the LCS recoveries, are used to determine the reproducibility (precision) of the analytical system. Precision data are expressed as relative percent differences (RPDs). If the RPD fails for an LCS/LCSD and yet the recoveries are within acceptance criteria, the batch is still acceptable.

METHOD BLANK

The Method Blank is a QC sample consisting of all the reagents used in analyzing the environmental samples contained in the QC batch. Method Blank results are used to determine if interference or contamination in the analytical system could lead to the reporting of false positive data or elevated analyte concentrations. All target analytes must be below the reporting limits (RL) or the associated sample(s) must be ND except under the following circumstances:

- Common organic contaminants may be present at concentrations up to 5 times the reporting limits. Common metals contaminants may be present at concentrations up to 2 times the reporting limit, or the reported blank concentration must be twenty fold less than the concentration reported in the associated environmental samples. (See common laboratory contaminants listed in the table.)

Volatile (GC or GC/MS)	Semivolatile (GC/MS)	Metals ICP-MS	Metals ICP Trace
Methylene Chloride, Acetone, 2-Butanone	Phthalate Esters	Copper, Iron, Zinc, Lead, Calcium, Magnesium, Potassium, Sodium, Barium, Chromium, Manganese	Copper, Iron, Zinc, Lead

- Organic blanks will be accepted if compounds detected in the blank are present in the associated samples at levels 10 times the blank level. Inorganic blanks will be accepted if elements detected in the blank are present in the associated samples at 20 times the blank level.

- Blanks will be accepted if the compounds/elements detected are not present in any of the associated environmental samples.

Failure to meet these Method Blank criteria requires the repreparation and reanalysis of all samples in the QC batch.

MATRIX SPIKE/MATRIX SPIKE DUPLICATE

A Matrix Spike and a Matrix Spike Duplicate are a pair of environmental samples to which known concentrations of a full or partial set of target analytes are added. The MS/MSD results are determined in the same manner as the results of the environmental sample used to prepare the MS/MSD. The analyte recoveries and the relative percent differences (RPDs) of the recoveries are calculated and used to evaluate the effect of the sample matrix on the analytical results. Due to the potential variability of the matrix of each sample, the MS/MSD results may not have an immediate bearing on any samples except the one spiked; therefore, the associated batch MS/MSD may not reflect the same compounds as the samples contained in the analytical report. When these MS/MSD results fail to meet acceptance criteria, the data is evaluated. If the LCS is within acceptance criteria, the batch is considered acceptable.

For certain methods, a Matrix Spike/Sample Duplicate (MS/DU) may be included in the QC batch in place of the MS/MSD. For the parameters (i.e. pH, ignitability) where it is not possible to prepare a spiked sample, a Sample Duplicate may be included in the QC batch. However, a Sample Duplicate is less likely to provide usable precision statistics depending on the likelihood of finding concentrations below the standard reporting limit. When the Sample Duplicate result fails to meet acceptance criteria, the data is evaluated.

For certain methods (600 series methods/CWA), a Matrix Spike is required in place of a Matrix Spike/Matrix Spike Duplicate (MS/MSD) or Matrix Spike/Sample Duplicate (MS/DU).

The acceptance criteria do not apply to samples that are diluted.

SURROGATE COMPOUNDS

In addition to these batch-related QC indicators, each organic environmental and QC sample is spiked with surrogate compounds. Surrogates are organic chemicals that behave similarly to the analytes of interest and that are rarely present in the environment. Surrogate recoveries are used to monitor the individual performance of a sample in the analytical system.

If surrogate recoveries are biased high in the LCS, LCSD, or the Method Blank, and the associated sample(s) are ND, the batch is acceptable. Otherwise, if the LCS, LCSD, or Method Blank surrogate(s) fail to meet recovery criteria, the entire sample batch is reprepared and reanalyzed. If the surrogate recoveries are outside criteria for environmental samples, the samples will be reprepared and reanalyzed unless there is objective evidence of matrix interference or if the sample dilution is greater than the threshold outlined in the associated method SOP.

The acceptance criteria do not apply to samples that are diluted. All other surrogate recoveries will be reported.

For the GC/MS BNA methods, the surrogate criterion is that two of the three surrogates for each fraction must meet acceptance criteria. The third surrogate must have a recovery of ten percent or greater.

For the Pesticide and PCB methods, the surrogate criterion is that one of two surrogate compounds must meet acceptance criteria. The second surrogate must have a recovery of 10% or greater.

TestAmerica Certifications and Approvals:

The laboratory is certified for the analytes listed on the documents below. These are available upon request.

California (#01144CA), Connecticut (#PH-0590), Florida (#E87225),
Illinois (#200004), Kansas (#E10336), Minnesota (#39-999-348), New Jersey (#OH001), New York (#10975), Nevada (#OH-000482008A), OhioVAP (#CL0024), Pennsylvania (#008), West Virginia (#210), Wisconsin (#999518190),NAVY, ARMY, USDA Soil Permit

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