Quantitation Report (Qedit)

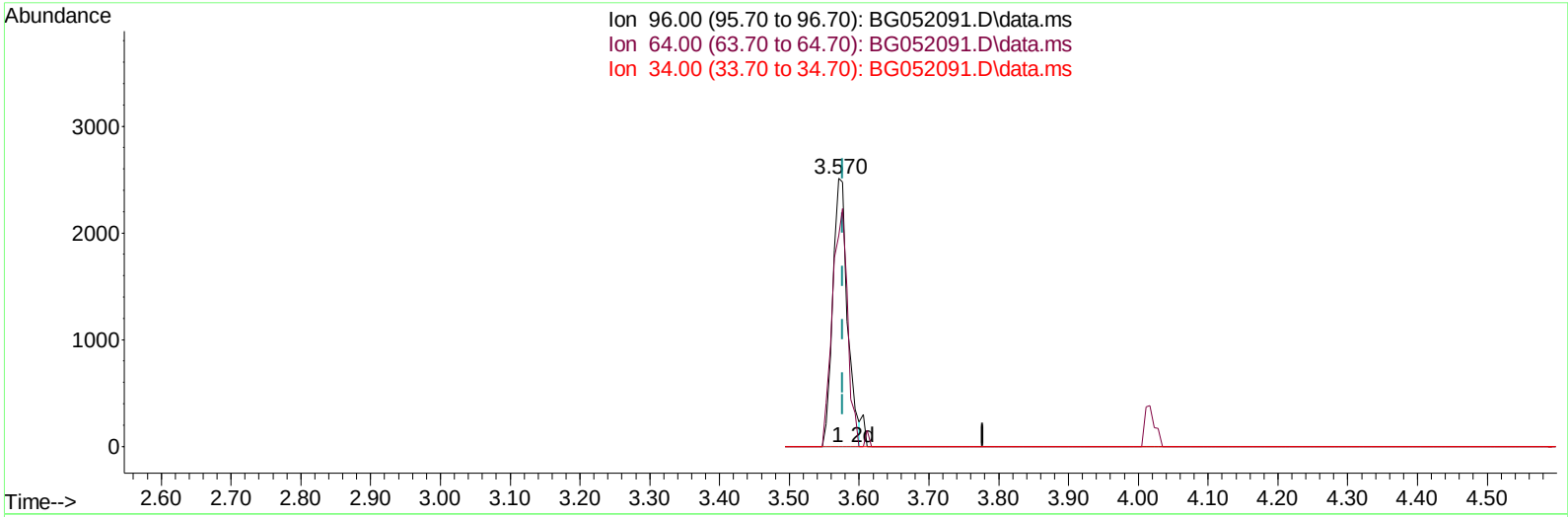
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011922\
Data File : BG052091.D
Acq On : 20 Jan 2022 2:43
Operator : CG/JU
Sample : PB142139BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

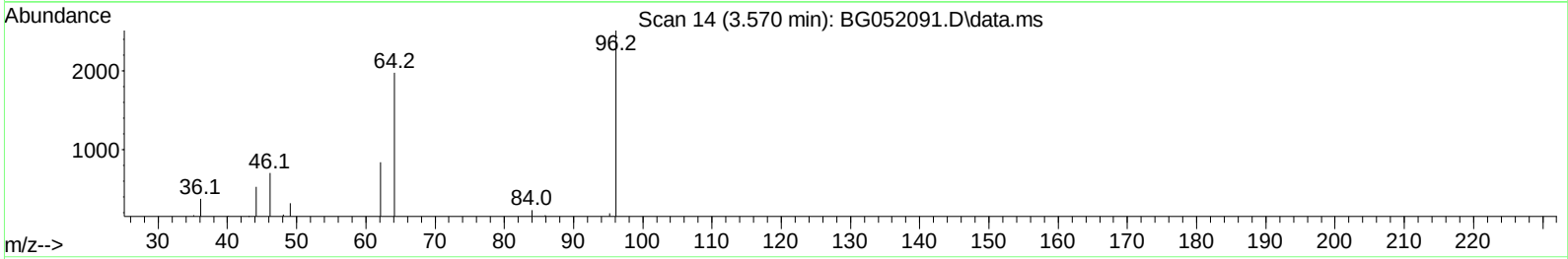
Quant Time: Jan 20 03:57:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

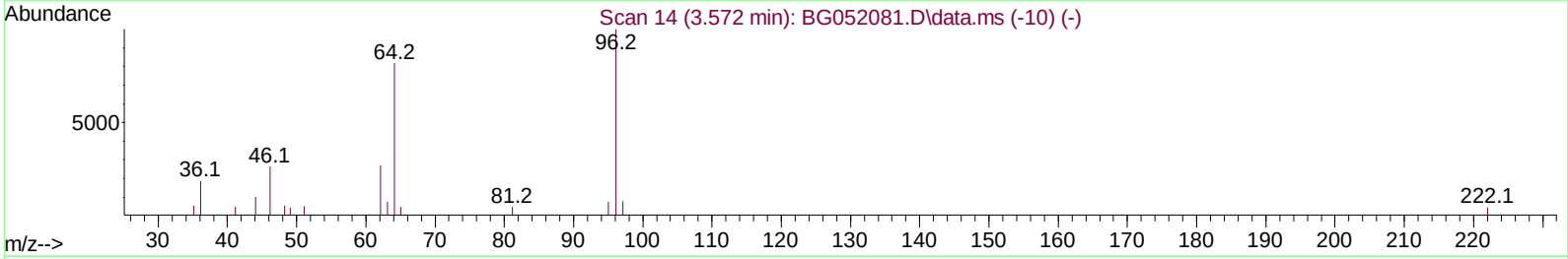
Instrument :
BNA_G
ClientSampleId :
SLCS139

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/20/2022
Supervised By :Yogesh Patel 01/23/2022







TIC: BG052091.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.570min (-0.007) 4.66 ng/uL

response 3680

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	78.73
34.00	0.00	0.00
0.00	0.00	0.00

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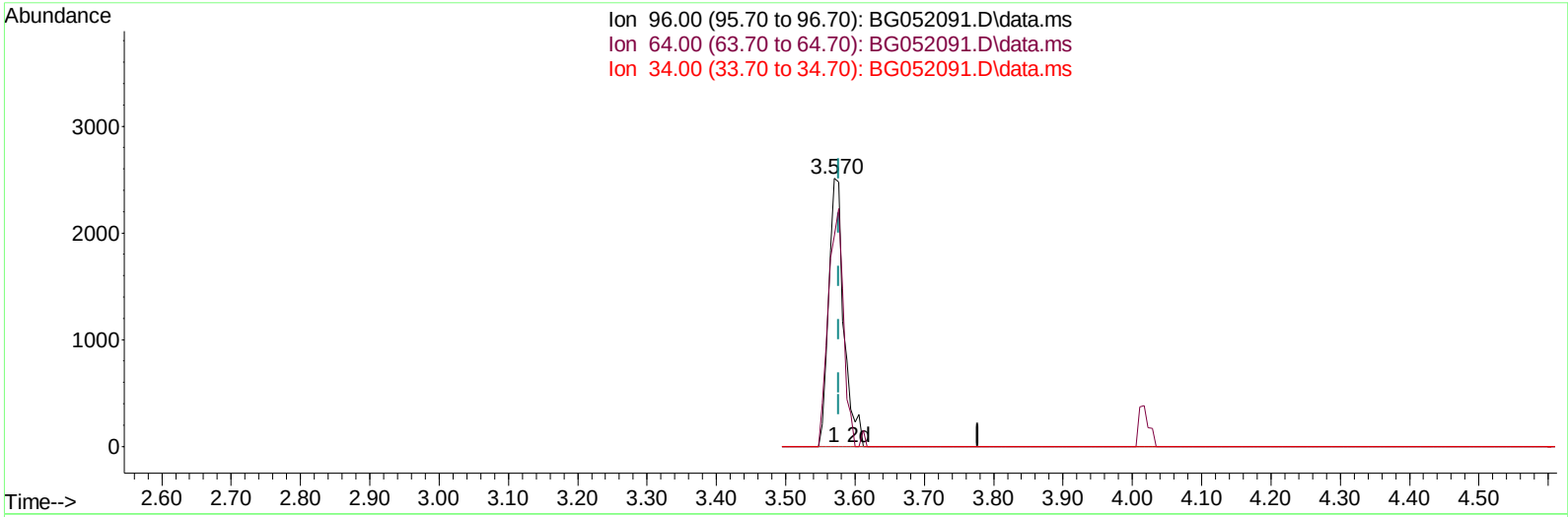

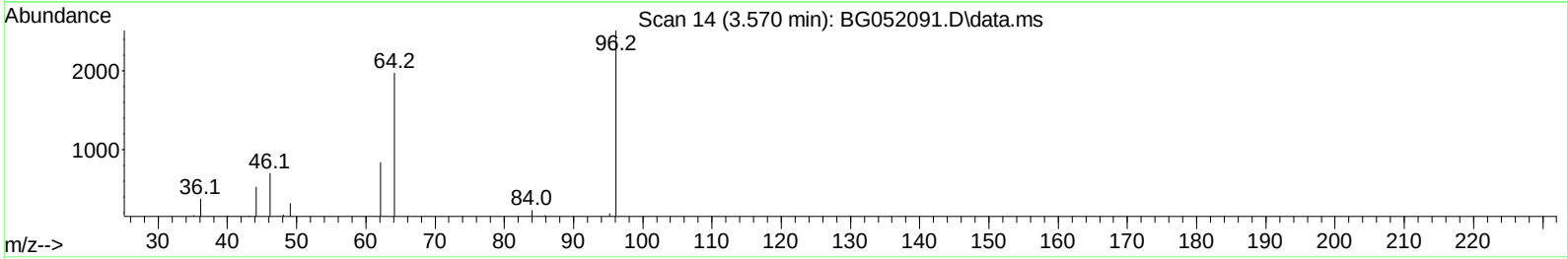

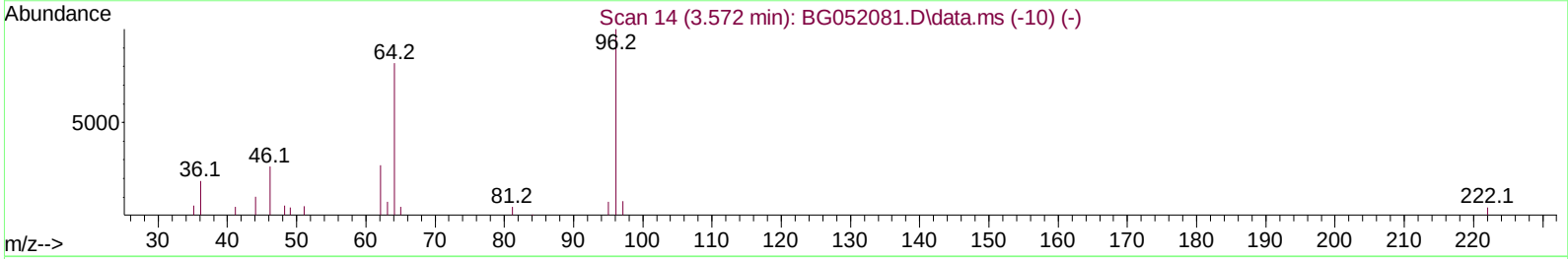

TIC: BG052091.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.570min (-0.007) 4.79 ng/uL m

response 3785

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	78.73
34.00	0.00	0.00
0.00	0.00	0.00

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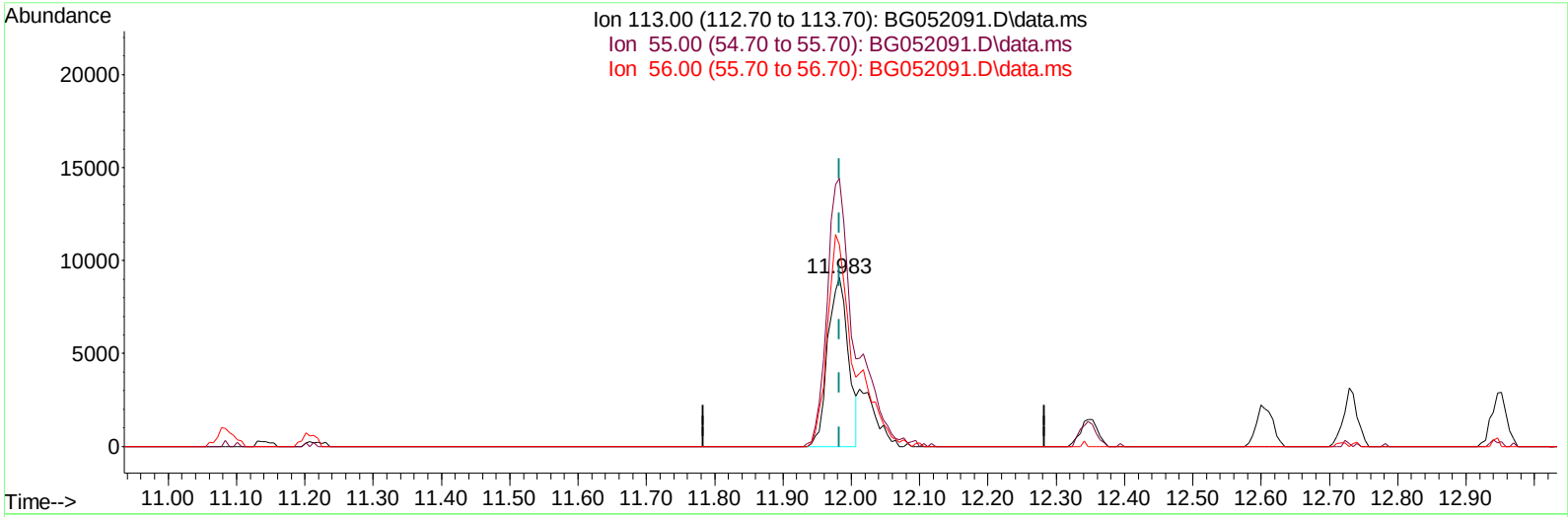

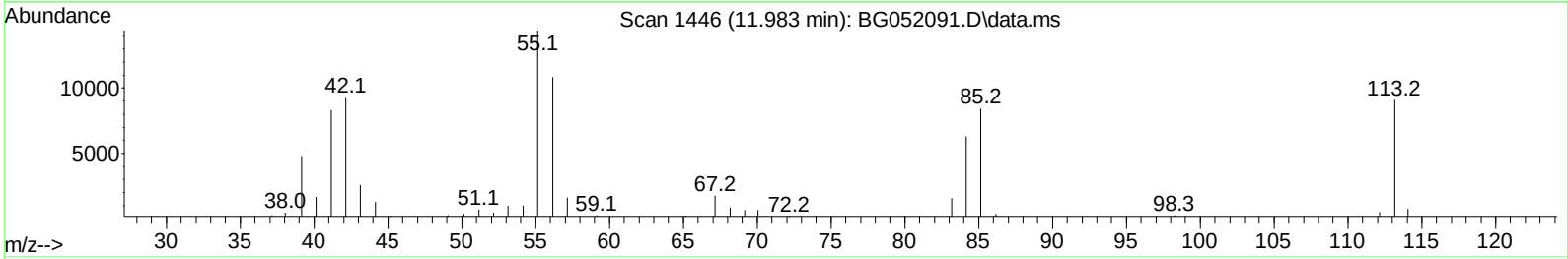

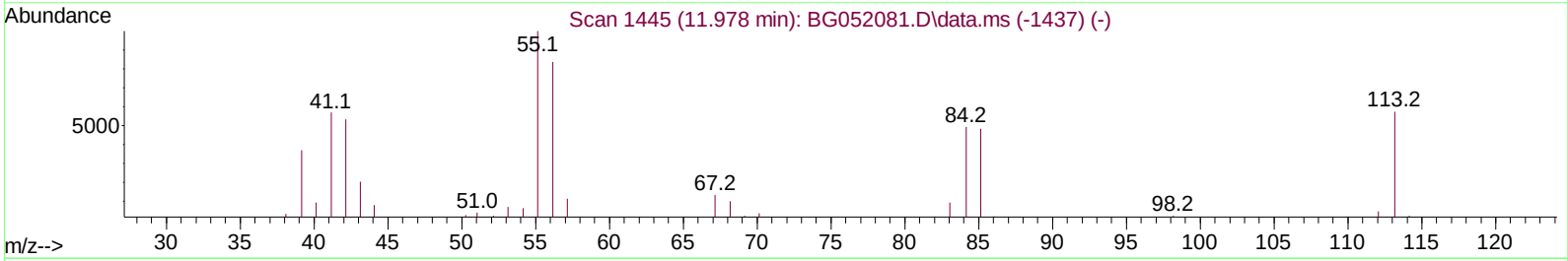

TIC: BG052091.D\data.ms

(34) Caprolactam

11.983min (-0.000) 23.83 ng/ul

response 18837

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	158.77
56.00	136.50	119.45
0.00	0.00	0.00

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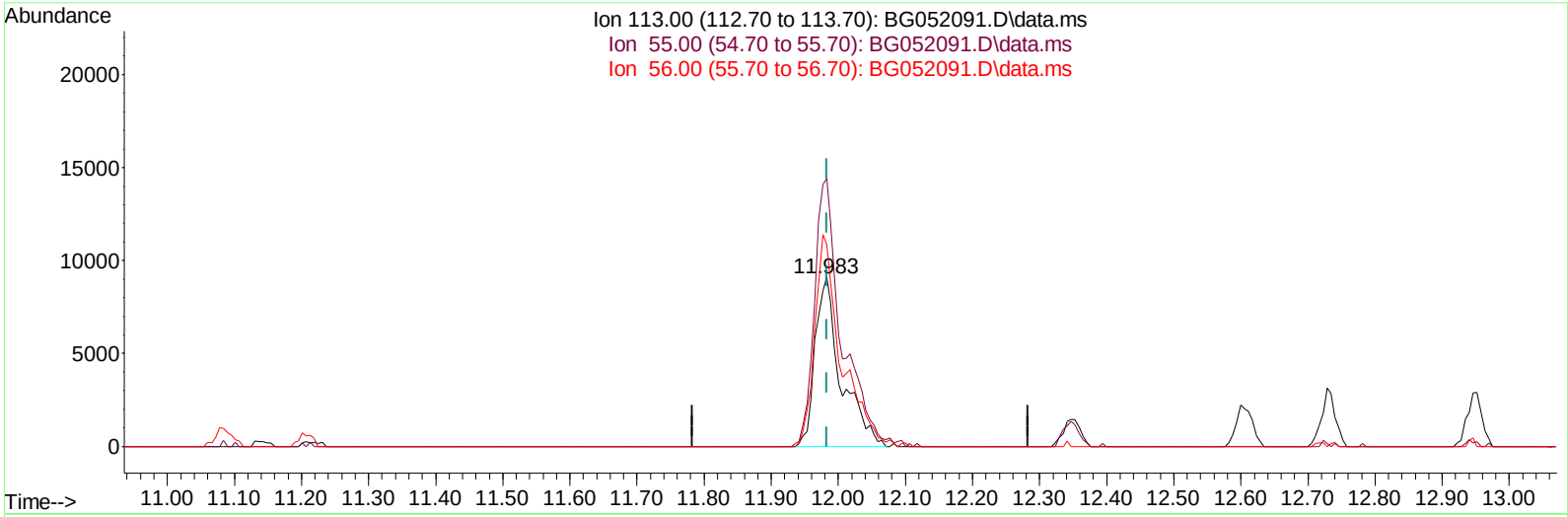

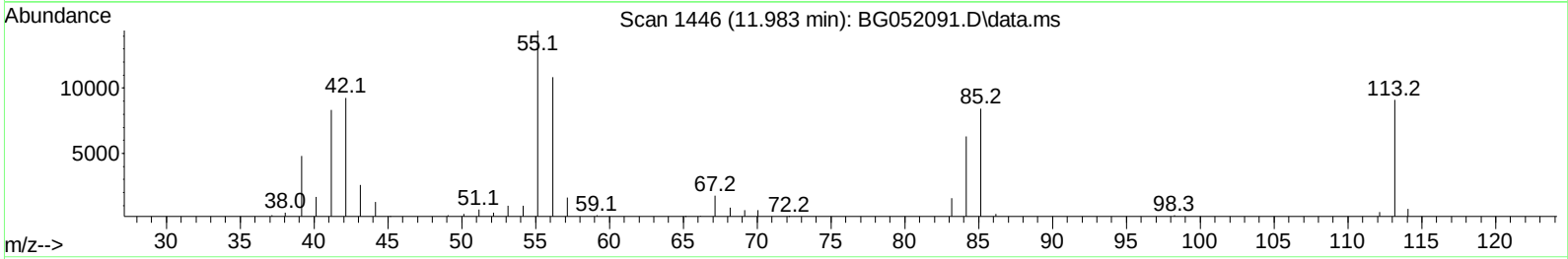

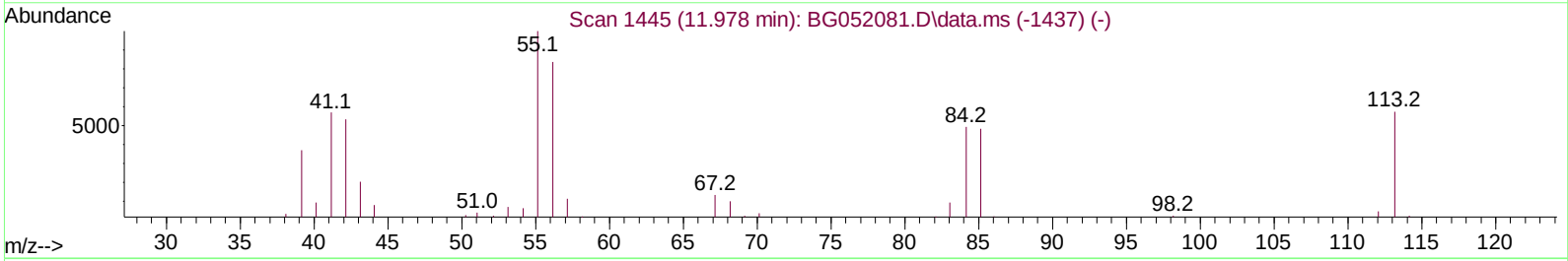

TIC: BG052091.D\data.ms

(34) Caprolactam

11.983min (-0.000) 30.99 ng/ul m

response 24497

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	158.77
56.00	136.50	119.45
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.246	152	28222	20.000	ng/ul	0.00
20) Naphthalene-d8	11.084	136	121080	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.890	164	86092	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.640	188	204260	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.963	240	185997	20.000	ng/ul	# 0.00
88) Perylene-d12	25.447	264	192209	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.570	96	3785m	4.792	ng/uL	0.00
4) Pyridine-d5	3.993	84	59563	24.260	ng/ul	-0.01
7) Phenol-d5	7.389	99	82302	29.796	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	47574	27.132	ng/ul	0.00
11) 2-Chlorophenol-d4	7.771	132	58564	32.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.951	113	64682	30.124	ng/ul	0.00
21) Nitrobenzene-d5	9.415	128	30455	31.832	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	35483	33.534	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.696	165	69498	33.602	ng/ul	0.00
31) 4-Chloroaniline-d4	11.207	131	76745	26.645	ng/ul	0.00
46) Dimethylphthalate-d6	14.279	166	213920	30.061	ng/ul	0.00
49) Acenaphthylene-d8	14.585	160	270461	31.464	ng/ul	0.00
54) 4-Nitrophenol-d4	15.073	143	33630	28.266	ng/ul	0.00
60) Fluorene-d10	15.877	176	190955	30.777	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.989	200	37198	28.868	ng/ul	0.00
73) Anthracene-d10	17.740	188	306653	31.648	ng/ul	0.00
81) Pyrene-d10	20.019	212	356078	33.264	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.206	264	334444	33.052	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.612	88	8386	9.202	ng/uL	95
5) Pyridine	4.017	79	62679	24.368	ng/ul	98
6) Benzaldehyde	7.365	77	49834	27.122	ng/ul	95
8) Phenol	7.412	94	84323	29.909	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.641	93	60056	29.100	ng/ul	94
12) 2-Chlorophenol	7.806	128	60608	32.577	ng/ul	98
13) 2-Methylphenol	8.681	108	62073	30.277	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.775	45	83704	26.591	ng/ul	99
16) Acetophenone	9.069	105	98275	28.999	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.051	70	57110	27.585	ng/ul	96
18) 4-Methylphenol	9.010	108	65805	29.631	ng/ul	90
19) Hexachloroethane	9.351	117	24212	30.144	ng/ul#	75
22) Nitrobenzene	9.457	77	83152	28.021	ng/ul#	97
23) Isophorone	9.985	82	159279	28.390	ng/ul	97
25) 2-Nitrophenol	10.185	139	37234	32.018	ng/ul	95
26) 2,4-Dimethylphenol	10.232	107	79367	31.454	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.467	93	82873	28.689	ng/ul	99
29) 2,4-Dichlorophenol	10.725	162	66048	32.516	ng/ul	95
30) Naphthalene	11.137	128	202785	30.907	ng/ul	98
32) 4-Chloroaniline	11.237	127	73388	25.001	ng/ul	96
33) Hexachlorobutadiene	11.425	225	49890	30.813	ng/ul	95
34) Caprolactam	11.983	113	24497m	30.987	ng/ul	
35) 4-Chloro-3-methylphenol	12.347	107	74558	31.791	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.729	142	147171	31.490	ng/ul	98
37) 1-Methylnaphthalene	12.946	142	149114	31.089	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.093	216	96189	32.309	ng/ul	99
40) Hexachlorocyclopentadiene	13.075	237	43002	21.050	ng/ul	99
41) 2,4,6-Trichlorophenol	13.328	196	61686	32.782	ng/ul	93
42) 2,4,5-Trichlorophenol	13.404	196	67154	33.106	ng/ul	99
43) 1,1'-Biphenyl	13.721	154	209238	31.482	ng/ul#	94
44) 2-Chloronaphthalene	13.774	162	160648	31.210	ng/ul	96
45) 2-Nitroaniline	13.962	65	58270	29.539	ng/ul	93
47) Dimethylphthalate	14.326	163	206914	29.488	ng/ul	99
48) 2,6-Dinitrotoluene	14.450	165	45695	30.886	ng/ul	92
50) Acenaphthylene	14.614	152	267561	31.610	ng/ul	97
51) 3-Nitroaniline	14.779	138	40906	30.566	ng/ul	98
52) Acenaphthene	14.955	153	176837	31.421	ng/ul	98
53) 2,4-Dinitrophenol	14.990	184	20391	23.377	ng/ul	89
55) 4-Nitrophenol	15.084	109	36671	26.859	ng/ul	91
56) Dibenzofuran	15.284	168	251809	30.806	ng/ul	98
57) 2,4-Dinitrotoluene	15.237	165	66356	31.022	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.513	232	59734	31.748	ng/ul#	86
59) Diethylphthalate	15.683	149	213258	29.458	ng/ul	97
61) Fluorene	15.936	166	212311	31.170	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.918	204	114767	30.363	ng/ul	95
63) 4-Nitroaniline	15.942	138	41945	30.506	ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.007	198	35512	28.826	ng/ul	94
67) N-Nitrosodiphenylamine	16.130	169	182400	33.232	ng/ul	95
68) 4-Bromophenyl-phenylether	16.817	248	81545	34.102	ng/ul#	86
69) Hexachlorobenzene	16.946	284	90257	34.033	ng/ul#	89
70) Atrazine	17.070	200	77738	30.529	ng/ul	98
71) Pentachlorophenol	17.287	266	43305	29.239	ng/ul	95
72) Phenanthrene	17.687	178	341294	31.888	ng/ul	98
74) Anthracene	17.775	178	338711	31.614	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.698	216	102348	33.363	ng/uL	99
76) Pentachlorobenzene	15.214	250	103218	34.571	ng/uL	99
77) Carbazole	18.039	167	299267	31.000	ng/ul	98
78) Di-n-butylphthalate	18.580	149	357253	31.306	ng/ul	100
80) Fluoranthene	19.684	202	425361	34.386	ng/ul#	89
82) Pyrene	20.048	202	402494	33.047	ng/ul#	89
83) Butylbenzylphthalate	20.918	149	149792	35.340	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.840	252	137601	32.048	ng/ul#	98
85) Benzo(a)anthracene	21.940	228	403354	32.975	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.822	149	210451	33.950	ng/ul#	98
87) Chrysene	22.010	228	383228	32.536	ng/ul	99
89) Di-n-octyl phthalate	23.120	149	351098	33.067	ng/ul	100
90) Benzo(b)fluoranthene	24.336	252	423573	33.253	ng/ul#	96
91) Benzo(k)fluoranthene	24.407	252	391314	33.226	ng/ul#	96
93) Benzo(a)pyrene	25.294	252	394661	32.738	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	29.477	276	463073	33.557	ng/ul#	88
95) Dibenzo(a,h)anthracene	29.547	278	395561	33.889	ng/ul#	92
96) Benzo(g,h,i)perylene	30.745	276	384729	33.158	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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