Quantitation Report (Qedit)

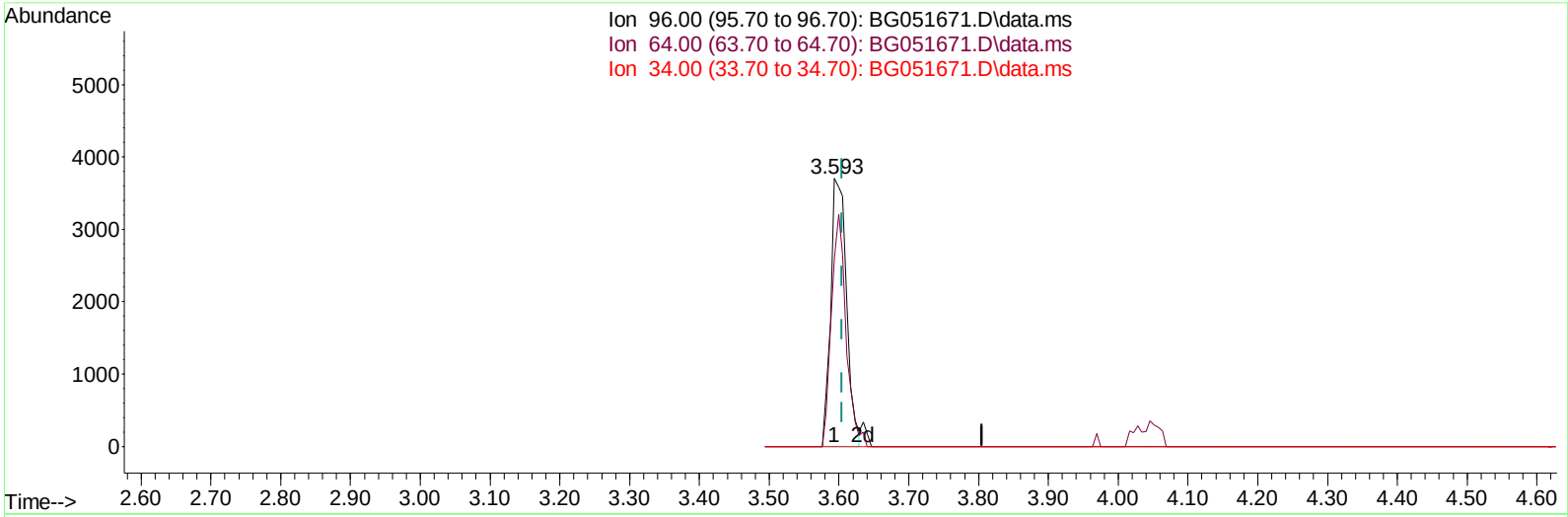
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051671.D
Acq On : 19 Dec 2021 20:27
Operator : CG/JU
Sample : PB141552BS
Misc :
ALS Vial : 89 Sample Multiplier: 1

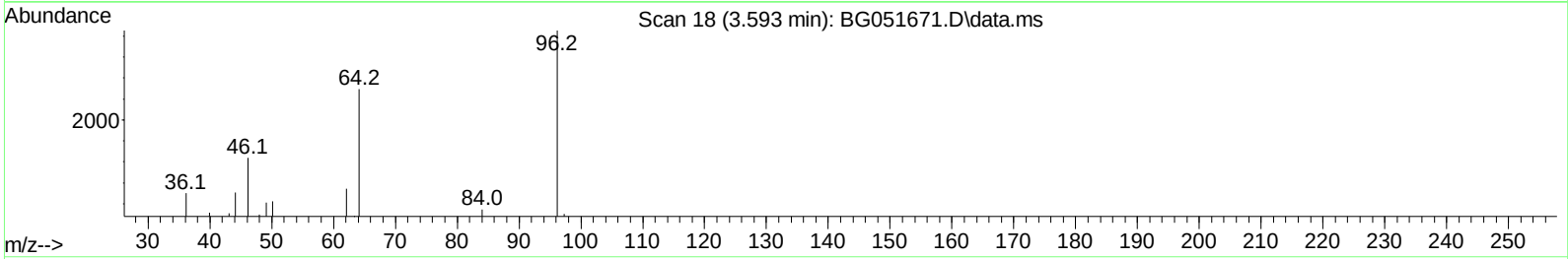
Quant Time: Dec 20 00:13:59 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

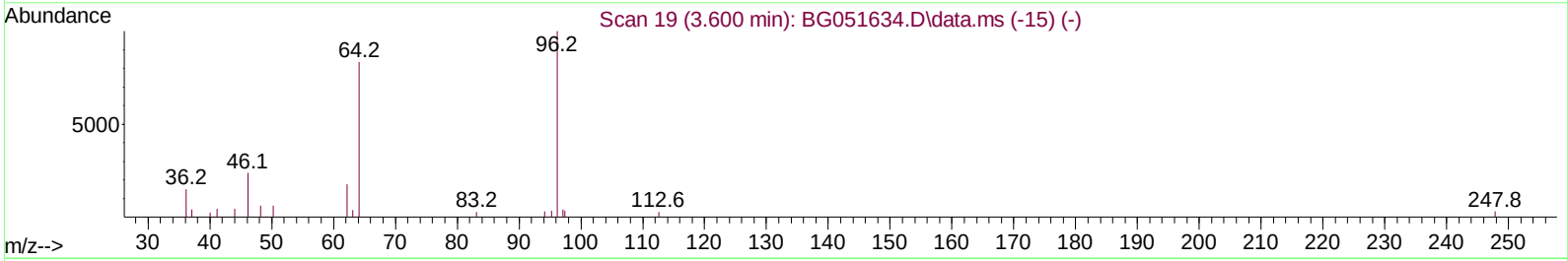
Instrument :
BNA_G
ClientSampleId :
SLCS552

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/20/2021
Supervised By :mohammad ahmed 12/24/2021







TIC: BG051671.D\data.ms

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

3.593min (-0.012) 5.67 ng/uL

response 5832

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	69.80
34.00	0.00	0.00
0.00	0.00	0.00

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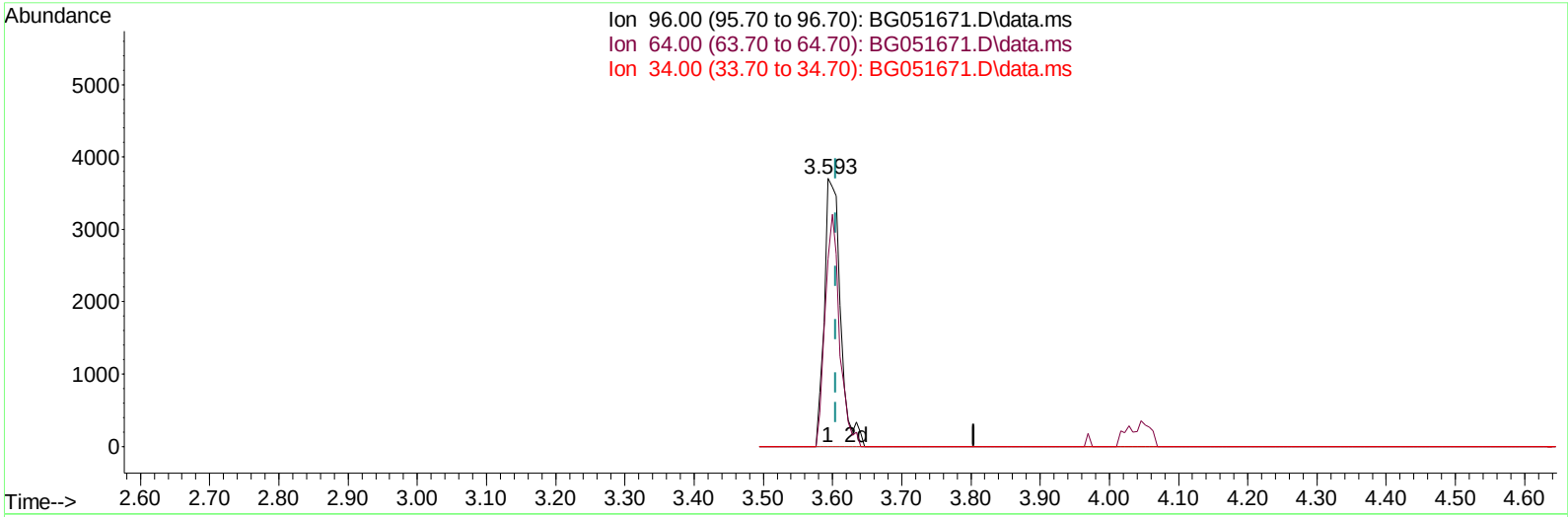

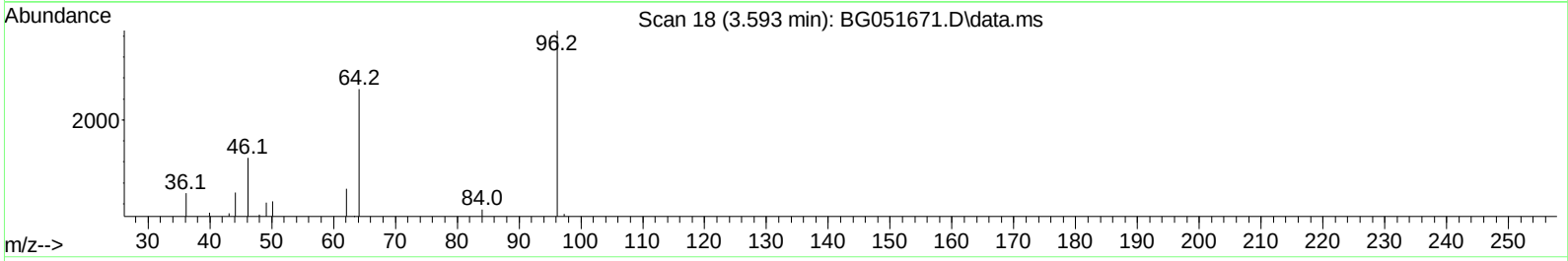

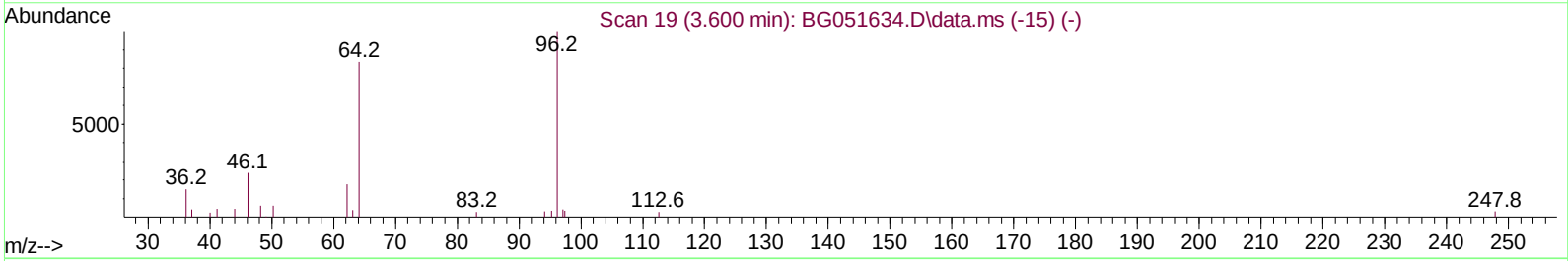

TIC: BG051671.D\data.ms

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

3.593min (-0.012) 5.84 ng/uL m

response 6013

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	69.80
34.00	0.00	0.00
0.00	0.00	0.00

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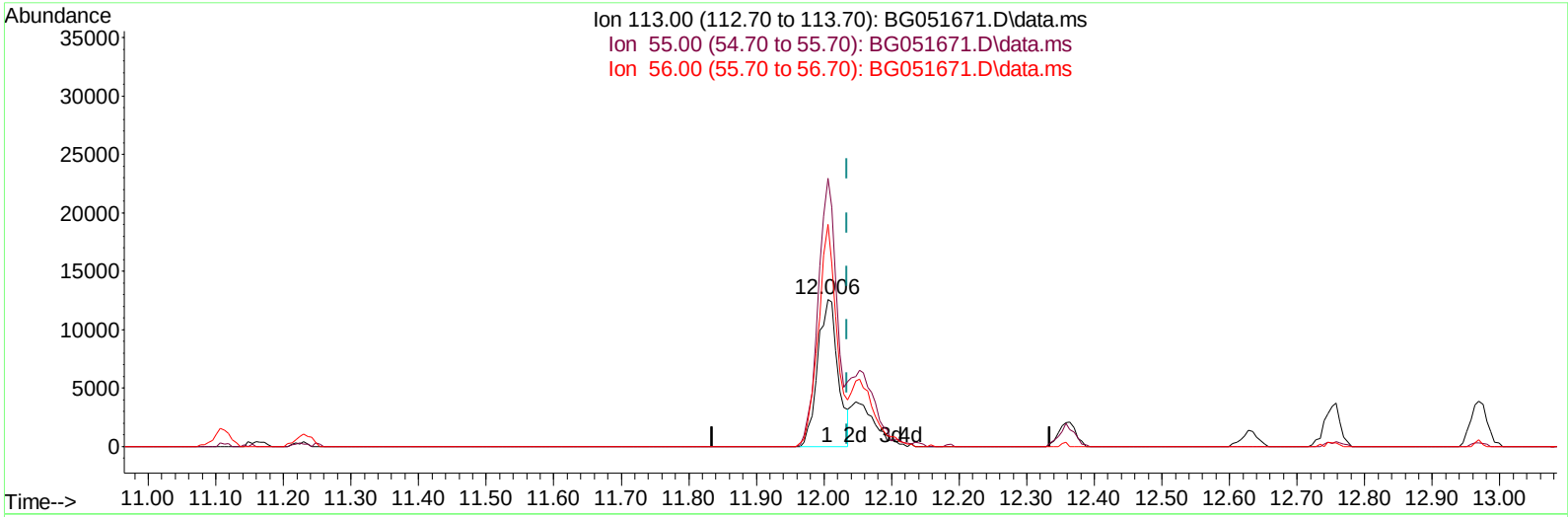

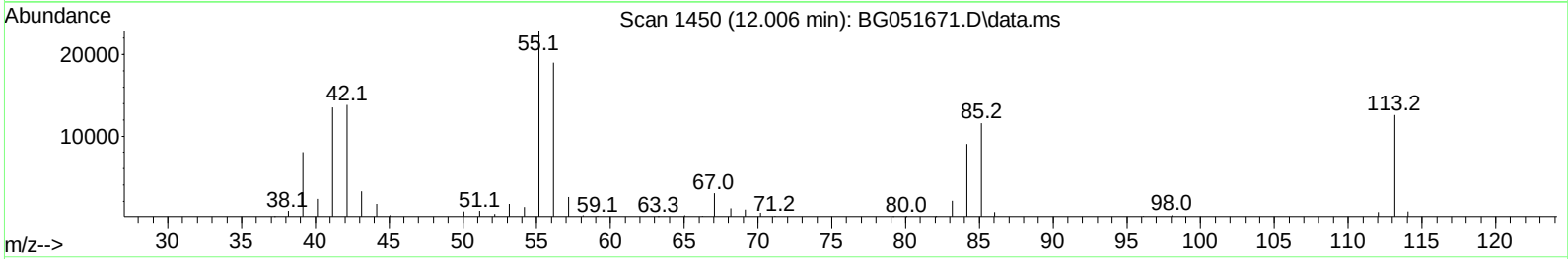

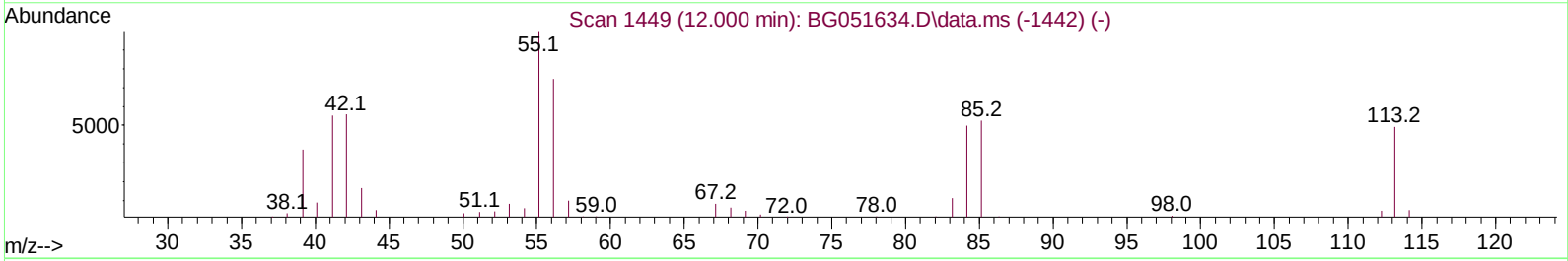

TIC: BG051671.D\data.ms

(34) Caprolactam

12.006min (-0.029) 30.26 ng/ul

response 26400

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.36
56.00	136.50	150.94
0.00	0.00	0.00

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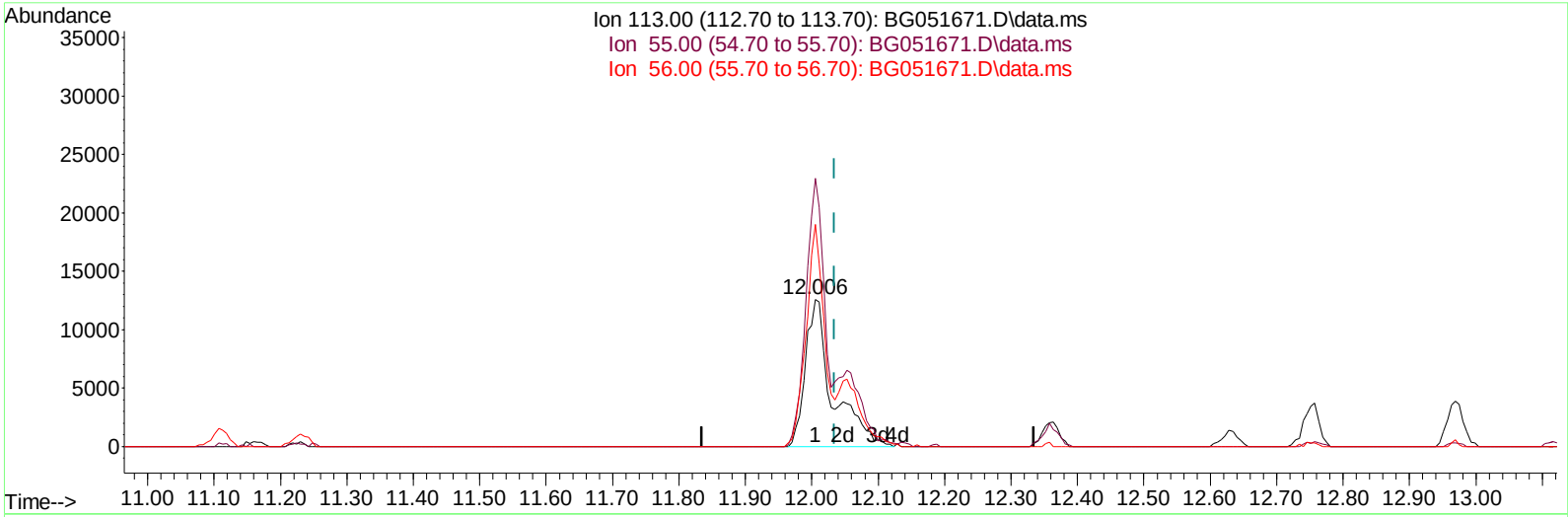

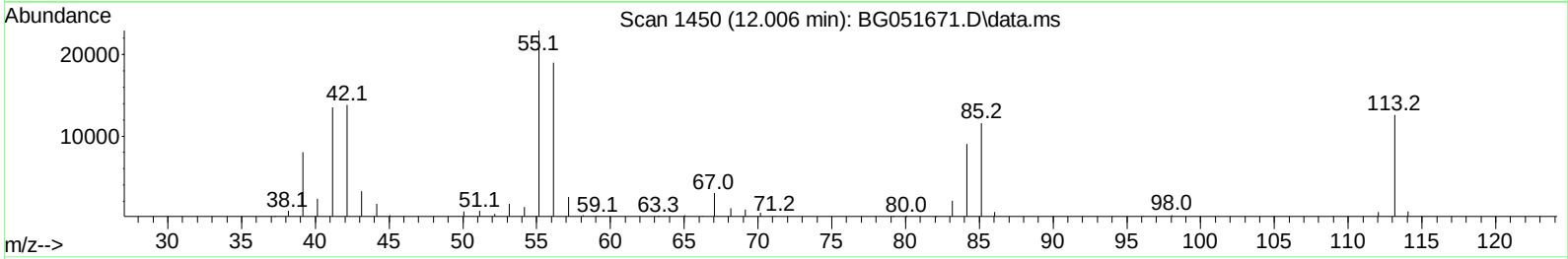

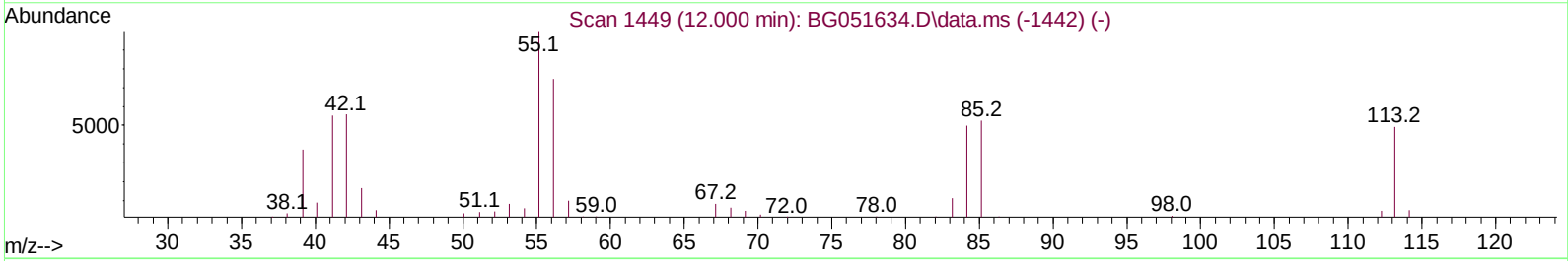

TIC: BG051671.D\data.ms

(34) Caprolactam

12.006min (-0.029) 40.81 ng/ul m

response 35602

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	182.36
56.00	136.50	150.94
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	42730	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.113	136	174233	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.908	164	122393	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.657	188	284470	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.974	240	260295	20.000	ng/ul	#-0.01
88) Perylene-d12	25.470	264	265370	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.593	96	6013m	5.844	ng/uL	-0.01
4) Pyridine-d5	4.022	84	95791	30.814	ng/ul	-0.02
7) Phenol-d5	7.406	99	130909	34.312	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.576	67	75797	33.419	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.800	132	92238	34.761	ng/ul	-0.01
15) 4-Methylphenol-d8	8.969	113	102135	34.633	ng/ul	-0.01
21) Nitrobenzene-d5	9.438	128	46627	36.501	ng/ul	-0.02
24) 2-Nitrophenol-d4	10.173	143	53692	38.450	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.719	165	106980	35.328	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	123498	30.975	ng/ul	-0.01
46) Dimethylphthalate-d6	14.303	166	327584	33.440	ng/ul	-0.01
49) Acenaphthylene-d8	14.602	160	409181	33.632	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.072	143	51323	32.217	ng/ul	0.00
60) Fluorene-d10	15.894	176	290304	33.076	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	16.000	200	51763	34.925	ng/ul	-0.01
73) Anthracene-d10	17.757	188	454314	33.479	ng/ul	0.00
81) Pyrene-d10	20.030	212	527644	33.681	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.235	264	495092	35.458	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.635	88	13587	12.653	ng/uL#	93
5) Pyridine	4.046	79	100260	32.148	ng/ul	99
6) Benzaldehyde	7.394	77	81883	34.399	ng/ul	98
8) Phenol	7.429	94	126651	33.385	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.670	93	90533	31.281	ng/ul	96
12) 2-Chlorophenol	7.829	128	90641	33.301	ng/ul	96
13) 2-Methylphenol	8.704	108	95431	33.340	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.798	45	125872	32.063	ng/ul#	94
16) Acetophenone	9.098	105	147502	31.841	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.080	70	87776	31.579	ng/ul	93
18) 4-Methylphenol	9.039	108	101153	33.530	ng/ul	94
19) Hexachloroethane	9.380	117	36512	30.743	ng/ul#	74
22) Nitrobenzene	9.486	77	126861	34.144	ng/ul	98
23) Isophorone	10.014	82	242883	32.561	ng/ul	97
25) 2-Nitrophenol	10.208	139	55634	37.272	ng/ul	98
26) 2,4-Dimethylphenol	10.255	107	115125	32.011	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.490	93	128878	32.538	ng/ul	96
29) 2,4-Dichlorophenol	10.743	162	99660	34.589	ng/ul	95
30) Naphthalene	11.160	128	296991	31.639	ng/ul	98
32) 4-Chloroaniline	11.254	127	120986	29.717	ng/ul	96
33) Hexachlorobutadiene	11.448	225	74652	30.518	ng/ul	97
34) Caprolactam	12.006	113	35602m	40.813	ng/ul	
35) 4-Chloro-3-methylphenol	12.358	107	111756	34.616	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.752	142	215145	32.127	ng/ul	98
37) 1-Methylnaphthalene	12.969	142	221340	31.832	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.116	216	138943	32.637	ng/ul	94
40) Hexachlorocyclopentadiene	13.098	237	73386	23.741	ng/ul	94
41) 2,4,6-Trichlorophenol	13.345	196	91173	35.377	ng/ul	93
42) 2,4,5-Trichlorophenol	13.415	196	98618	36.512	ng/ul	100
43) 1,1'-Biphenyl	13.744	154	305863	32.624	ng/ul#	95
44) 2-Chloronaphthalene	13.791	162	237498	32.766	ng/ul	98
45) 2-Nitroaniline	13.979	65	86649	39.132	ng/ul	94
47) Dimethylphthalate	14.350	163	306115	32.187	ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	68775	37.827	ng/ul	88
50) Acenaphthylene	14.631	152	387572	32.559	ng/ul	96
51) 3-Nitroaniline	14.796	138	62686	36.057	ng/ul	94
52) Acenaphthene	14.972	153	257470	32.741	ng/ul	96
53) 2,4-Dinitrophenol	14.996	184	31480	29.952	ng/ul#	77
55) 4-Nitrophenol	15.090	109	54059	31.628	ng/ul	90
56) Dibenzofuran	15.307	168	371885	32.111	ng/ul	99
57) 2,4-Dinitrotoluene	15.248	165	94128	36.528	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.524	232	88989	34.668	ng/ul#	91
59) Diethylphthalate	15.707	149	317157	32.012	ng/ul	97
61) Fluorene	15.953	166	304674	31.928	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.936	204	167373	31.490	ng/ul	93
63) 4-Nitroaniline	15.959	138	60599	33.987	ng/ul	92
66) 4,6-Dinitro-2-methylph...	16.018	198	51229	35.196	ng/ul#	95
67) N-Nitrosodiphenylamine	16.147	169	264845	34.614	ng/ul	97
68) 4-Bromophenyl-phenylether	16.834	248	116050	40.058	ng/ul#	87
69) Hexachlorobenzene	16.964	284	124817	34.286	ng/ul#	87
70) Atrazine	17.087	200	112989	32.909	ng/ul	95
71) Pentachlorophenol	17.298	266	68600	30.755	ng/ul	97
72) Phenanthrene	17.698	178	487485	33.317	ng/ul	99
74) Anthracene	17.792	178	479500	32.439	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.715	216	147340	33.667	ng/uL	97
76) Pentachlorobenzene	15.225	250	146969	35.130	ng/uL	97
77) Carbazole	18.050	167	433220	32.730	ng/ul	98
78) Di-n-butylphthalate	18.597	149	517995	32.519	ng/ul	100
80) Fluoranthene	19.701	202	607917	33.807	ng/ul#	89
82) Pyrene	20.059	202	579885	32.586	ng/ul#	90
83) Butylbenzylphthalate	20.935	149	219857	36.840	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.851	252	208641	34.011	ng/ul#	96
85) Benzo(a)anthracene	21.957	228	578638	34.169	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.839	149	306924	36.716	ng/ul#	99
87) Chrysene	22.027	228	544927	33.307	ng/ul	100
89) Di-n-octyl phthalate	23.149	149	522996	36.590	ng/ul	100
90) Benzo(b)fluoranthene	24.354	252	597173	33.596	ng/ul#	95
91) Benzo(k)fluoranthene	24.430	252	561148	33.712	ng/ul#	96
93) Benzo(a)pyrene	25.311	252	563296	33.579	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.494	276	650943	35.543	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.576	278	552837	35.343	ng/ul#	93
96) Benzo(g,h,i)perylene	30.757	276	534807	34.459	ng/ul#	89

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

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