Quantitation Report (Qedit)

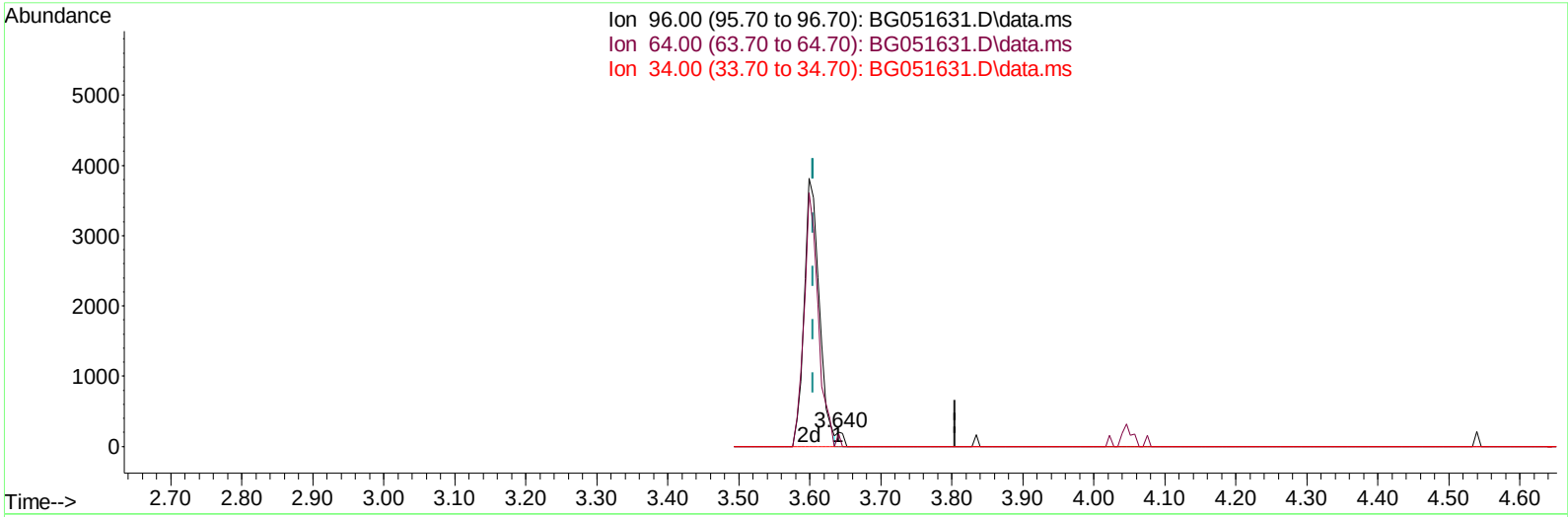
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121721\
Data File : BG051631.D
Acq On : 18 Dec 2021 15:19
Operator : CG/JU
Sample : PB141493BS
Misc :
ALS Vial : 46 Sample Multiplier: 1

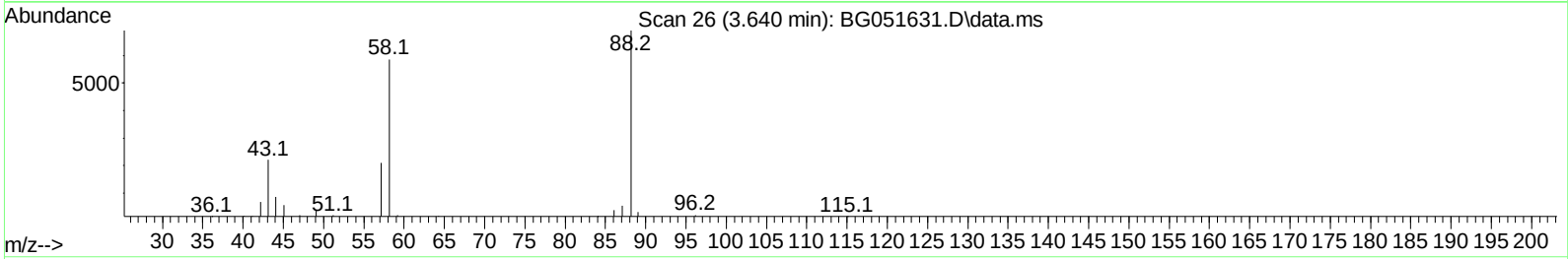
Quant Time: Dec 18 20:42:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

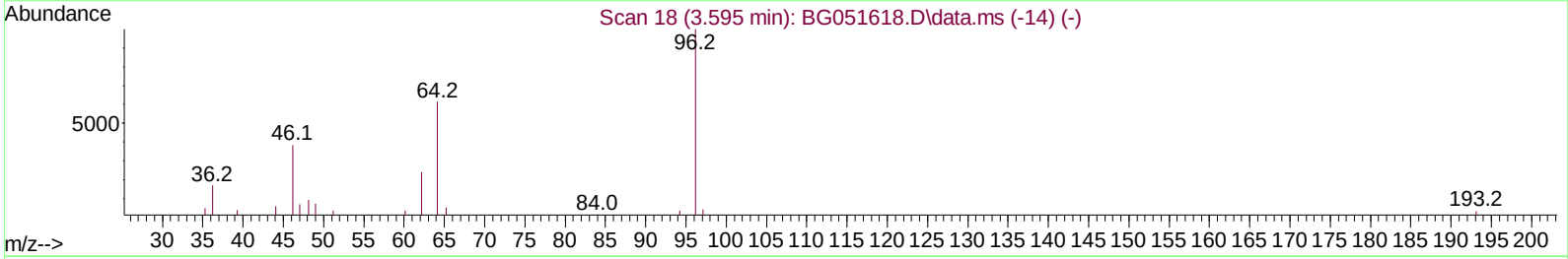
Instrument :
BNA_G
ClientSampleId :
SLCS493

Manual IntegrationsAPPROVED

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







TIC: BG051631.D\data.ms

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

3.640min (+ 0.035) 0.12 ng/uL

response 138

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	86.83
34.00	0.00	0.00
0.00	0.00	0.00

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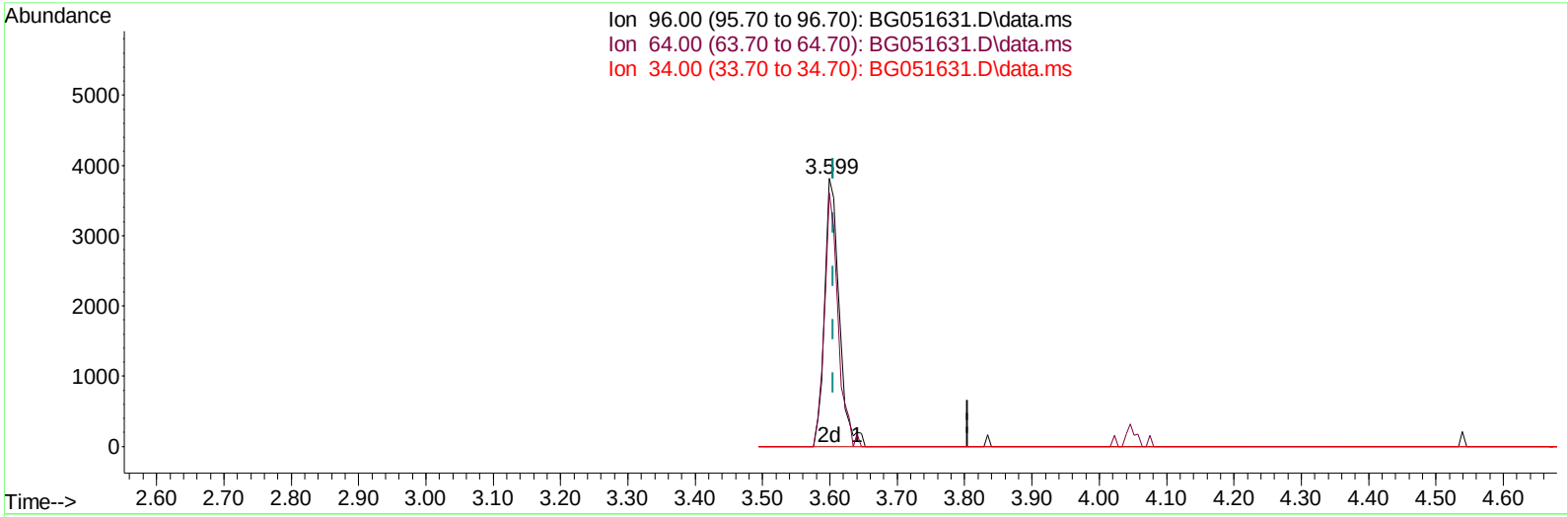

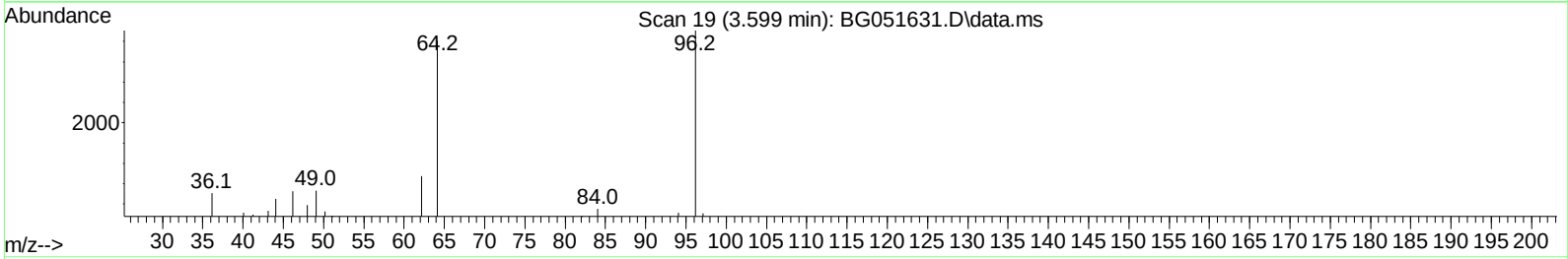

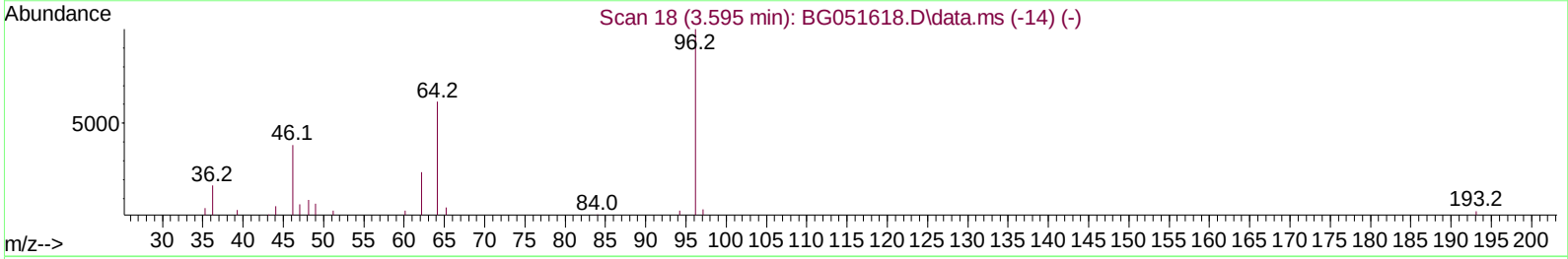

TIC: BG051631.D\data.ms

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

3.599min (-0.006) 5.20 ng/uL m

response 5757

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.60	94.73#
34.00	0.00	0.00
0.00	0.00	0.00

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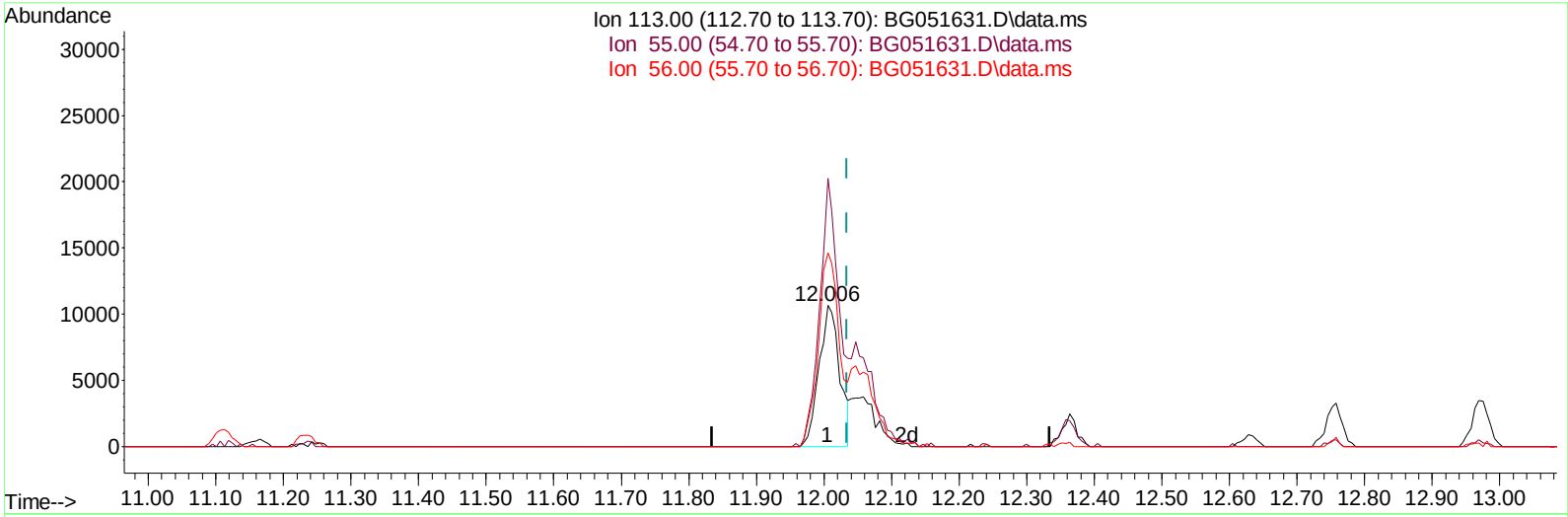

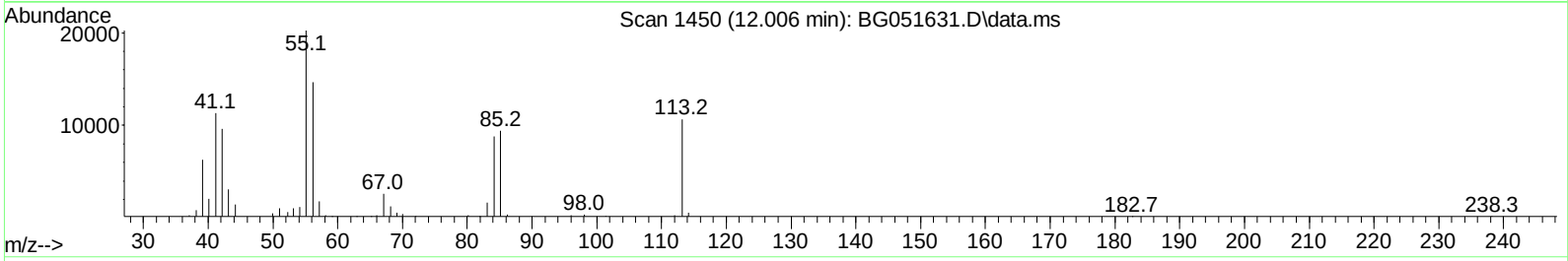

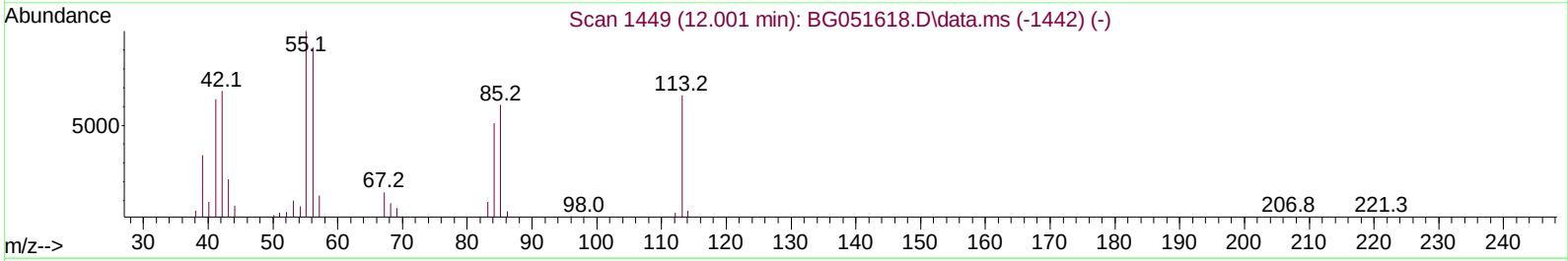

TIC: BG051631.D\data.ms

(34) Caprolactam

12.006min (-0.029) 23.81 ng/ul

response 22568

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	189.83
56.00	136.50	137.21
0.00	0.00	0.00

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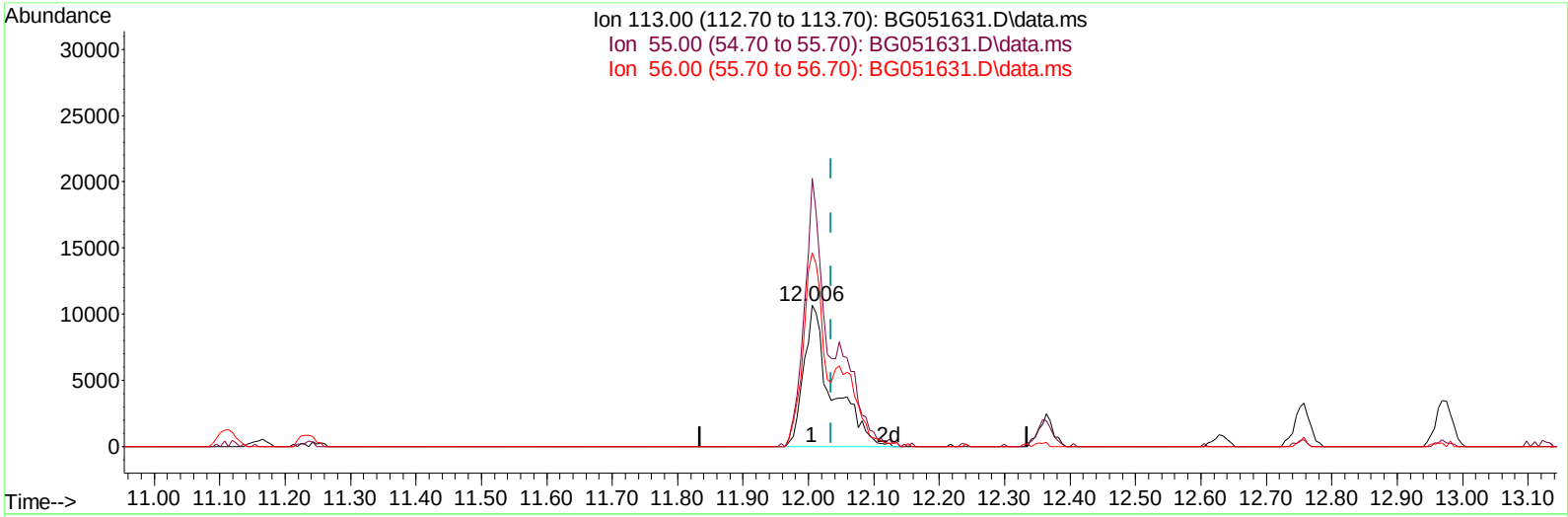

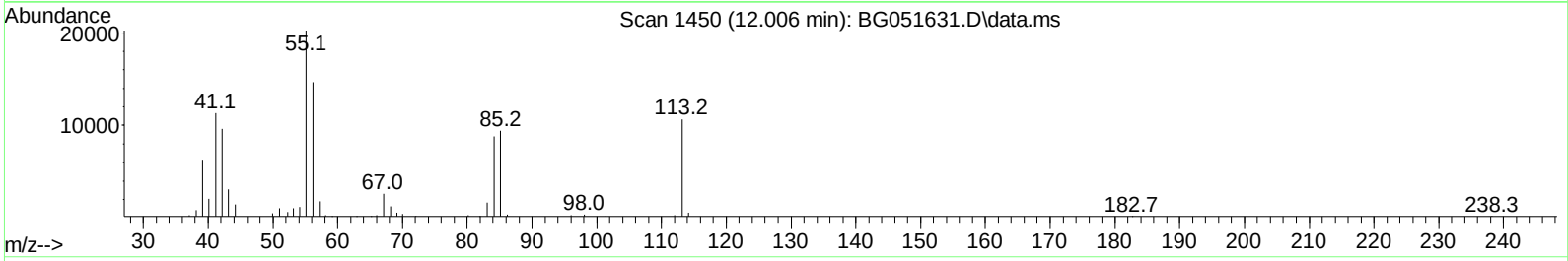

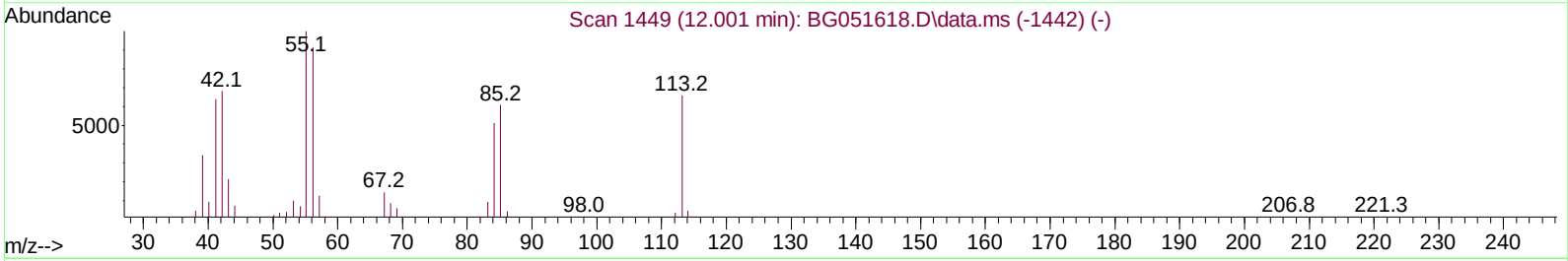

TIC: BG051631.D\data.ms

(34) Caprolactam

12.006min (-0.029) 34.17 ng/ul m

response 32386

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	189.83
56.00	136.50	137.21
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	46012	20.000	ng/ul	-0.02
20) Naphthalene-d8	11.113	136	189324	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.913	164	130164	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.657	188	308042	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.980	240	272579	20.000	ng/ul	# 0.00
88) Perylene-d12	25.476	264	278550	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	5757m	5.196	ng/uL	0.00
4) Pyridine-d5	4.028	84	63339	18.921	ng/ul	-0.02
7) Phenol-d5	7.406	99	121092	29.475	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.582	67	69626	28.509	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.800	132	86098	30.133	ng/ul	-0.01
15) 4-Methylphenol-d8	8.974	113	93761	29.525	ng/ul	0.00
21) Nitrobenzene-d5	9.444	128	43759	31.526	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.179	143	48814	32.170	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.719	165	97848	29.736	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.230	131	99424	22.949	ng/ul	-0.01
46) Dimethylphthalate-d6	14.303	166	319628	30.680	ng/ul	-0.01
49) Acenaphthylene-d8	14.608	160	391391	30.249	ng/ul	0.00
54) 4-Nitrophenol-d4	15.078	143	53379	31.507	ng/ul	0.00
60) Fluorene-d10	15.900	176	280434	30.044	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	56996	35.513	ng/ul	0.00
73) Anthracene-d10	17.757	188	439865	29.934	ng/ul	0.00
81) Pyrene-d10	20.030	212	522404	31.844	ng/ul	-0.01
92) Benzo(a)pyrene-d12	25.241	264	473245	32.290	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.640	88	11342	9.809	ng/uL	93
5) Pyridine	4.052	79	80161	23.870	ng/ul	89
6) Benzaldehyde	7.394	77	82830	32.315	ng/ul	97
8) Phenol	7.435	94	116088	28.418	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.676	93	82713	26.540	ng/ul	96
12) 2-Chlorophenol	7.835	128	81803	27.910	ng/ul	98
13) 2-Methylphenol	8.704	108	85992	27.900	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.798	45	114496	27.085	ng/ul	97
16) Acetophenone	9.098	105	133477	26.758	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.086	70	79637	26.607	ng/ul	98
18) 4-Methylphenol	9.033	108	91343	28.118	ng/ul	93
19) Hexachloroethane	9.386	117	32902	25.727	ng/ul#	78
22) Nitrobenzene	9.486	77	116217	28.786	ng/ul#	98
23) Isophorone	10.014	82	225291	27.796	ng/ul	97
25) 2-Nitrophenol	10.208	139	49394	30.453	ng/ul	95
26) 2,4-Dimethylphenol	10.255	107	103733	26.545	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.496	93	117767	27.363	ng/ul	96
29) 2,4-Dichlorophenol	10.749	162	88545	28.282	ng/ul	98
30) Naphthalene	11.166	128	269783	26.450	ng/ul	97
32) 4-Chloroaniline	11.260	127	115417	26.089	ng/ul	100
33) Hexachlorobutadiene	11.453	225	67813	25.512	ng/ul	98
34) Caprolactam	12.006	113	32386m	34.167	ng/ul	
35) 4-Chloro-3-methylphenol	12.358	107	103282	29.441	ng/ul	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.758	142	199009	27.349 ng/ul	99
37) 1-Methylnaphthalene	12.975	142	202183	26.759 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.116	216	129423	28.586 ng/ul	97
40) Hexachlorocyclopentadiene	13.104	237	73578	22.382 ng/ul	100
41) 2,4,6-Trichlorophenol	13.345	196	85216	31.092 ng/ul	99
42) 2,4,5-Trichlorophenol	13.416	196	92413	32.172 ng/ul	98
43) 1,1'-Biphenyl	13.744	154	280402	28.123 ng/ul#	94
44) 2-Chloronaphthalene	13.791	162	221522	28.738 ng/ul	98
45) 2-Nitroaniline	13.979	65	80102	34.016 ng/ul	93
47) Dimethylphthalate	14.350	163	295506	29.216 ng/ul	99
48) 2,6-Dinitrotoluene	14.467	165	65593	33.923 ng/ul	90
50) Acenaphthylene	14.637	152	361124	28.526 ng/ul	98
51) 3-Nitroaniline	14.796	138	62442	33.773 ng/ul	99
52) Acenaphthene	14.978	153	237244	28.367 ng/ul	97
53) 2,4-Dinitrophenol	14.996	184	35878	32.099 ng/ul#	64
55) 4-Nitrophenol	15.090	109	53116	29.221 ng/ul	85
56) Dibenzofuran	15.307	168	347688	28.229 ng/ul	98
57) 2,4-Dinitrotoluene	15.254	165	88919	32.446 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.524	232	85882	31.460 ng/ul	91
59) Diethylphthalate	15.707	149	299747	28.448 ng/ul	97
61) Fluorene	15.959	166	283799	27.965 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.941	204	159035	28.135 ng/ul	91
63) 4-Nitroaniline	15.959	138	63529	33.503 ng/ul	89
66) 4,6-Dinitro-2-methylph...	16.018	198	50357	31.949 ng/ul	97
67) N-Nitrosodiphenylamine	16.147	169	251862	30.398 ng/ul	97
68) 4-Bromophenyl-phenylether	16.834	248	109703	34.969 ng/ul#	87
69) Hexachlorobenzene	16.964	284	118867	30.153 ng/ul#	91
70) Atrazine	17.093	200	78533	21.123 ng/ul	96
71) Pentachlorophenol	17.298	266	72894	30.179 ng/ul	94
72) Phenanthrene	17.698	178	458420	28.933 ng/ul	98
74) Anthracene	17.792	178	448049	27.992 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.721	216	138365	29.197 ng/uL	98
76) Pentachlorobenzene	15.231	250	138878	30.655 ng/uL	99
77) Carbazole	18.050	167	415810	29.011 ng/ul	97
78) Di-n-butylphthalate	18.603	149	496865	28.805 ng/ul	99
80) Fluoranthene	19.701	202	575878	30.582 ng/ul#	90
82) Pyrene	20.059	202	556876	29.883 ng/ul#	89
83) Butylbenzylphthalate	20.935	149	201100	32.178 ng/ul	95
84) 3,3'-Dichlorobenzidine	21.857	252	193853	30.176 ng/ul#	96
85) Benzo(a)anthracene	21.957	228	538778	30.381 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.845	149	285789	32.647 ng/ul#	97
87) Chrysene	22.027	228	507088	29.598 ng/ul	98
89) Di-n-octyl phthalate	23.155	149	476264	31.744 ng/ul	100
90) Benzo(b)fluoranthene	24.360	252	562685	30.158 ng/ul#	95
91) Benzo(k)fluoranthene	24.430	252	521446	29.844 ng/ul#	95
93) Benzo(a)pyrene	25.311	252	534757	30.369 ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.511	276	610733	31.769 ng/ul#	87
95) Dibenzo(a,h)anthracene	29.582	278	515060	31.370 ng/ul#	93
96) Benzo(g,h,i)perylene	30.774	276	505688	31.041 ng/ul#	89

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

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