Quantitation Report (Qedit)

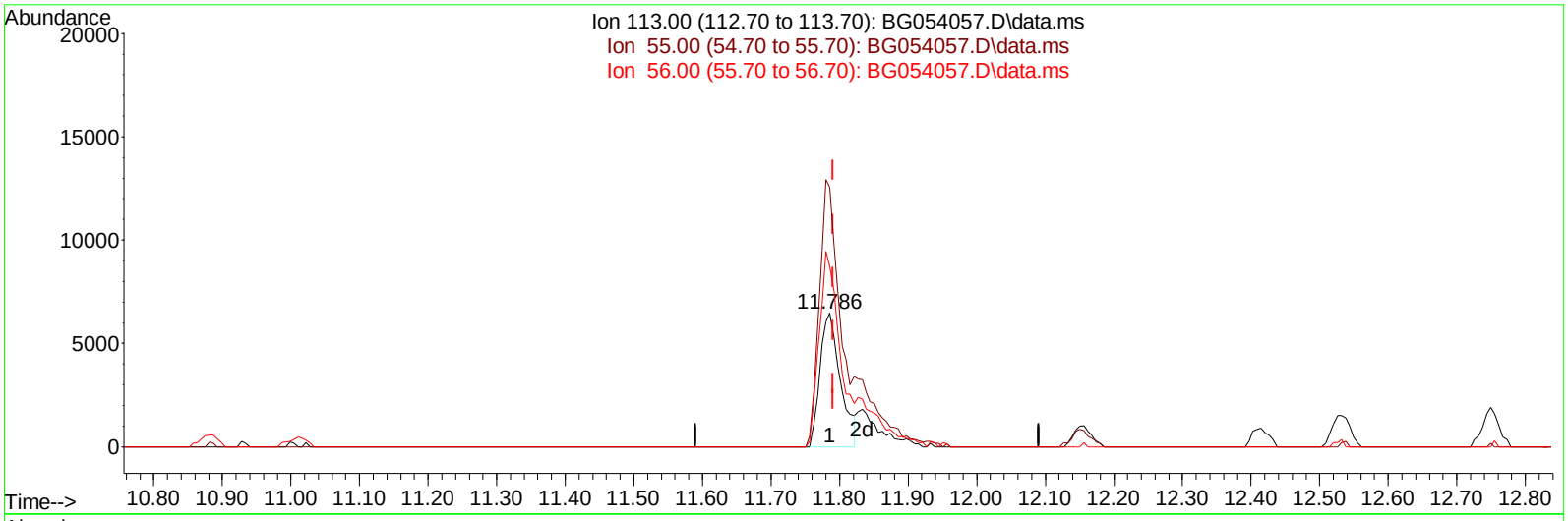
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062522\
Data File : BG054057.D
Acq On : 25 Jun 2022 12:07
Operator : CG/JU
Sample : PB145713BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

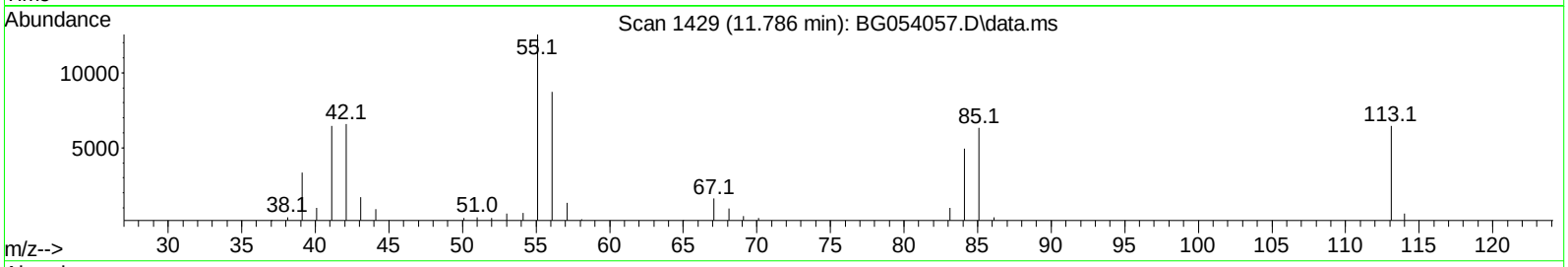
Quant Time: Jun 27 01:45:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

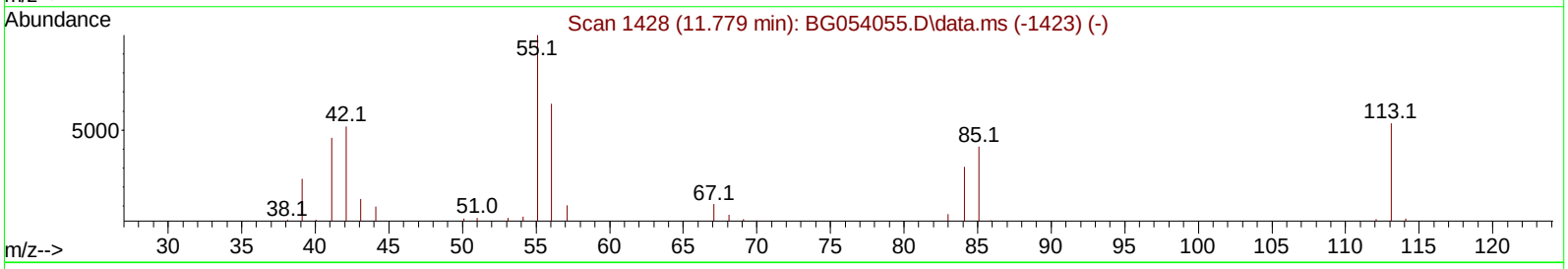
Instrument :
BNA_G
ClientSampleId :
SLCS713

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
Supervised By :mohammad ahmed 07/01/2022







TIC: BG054057.D\data.ms

(34) Caprolactam

11.786min (-0.005) 26.18 ng/ul

response 13311

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	194.40
56.00	159.50	135.29
0.00	0.00	0.00

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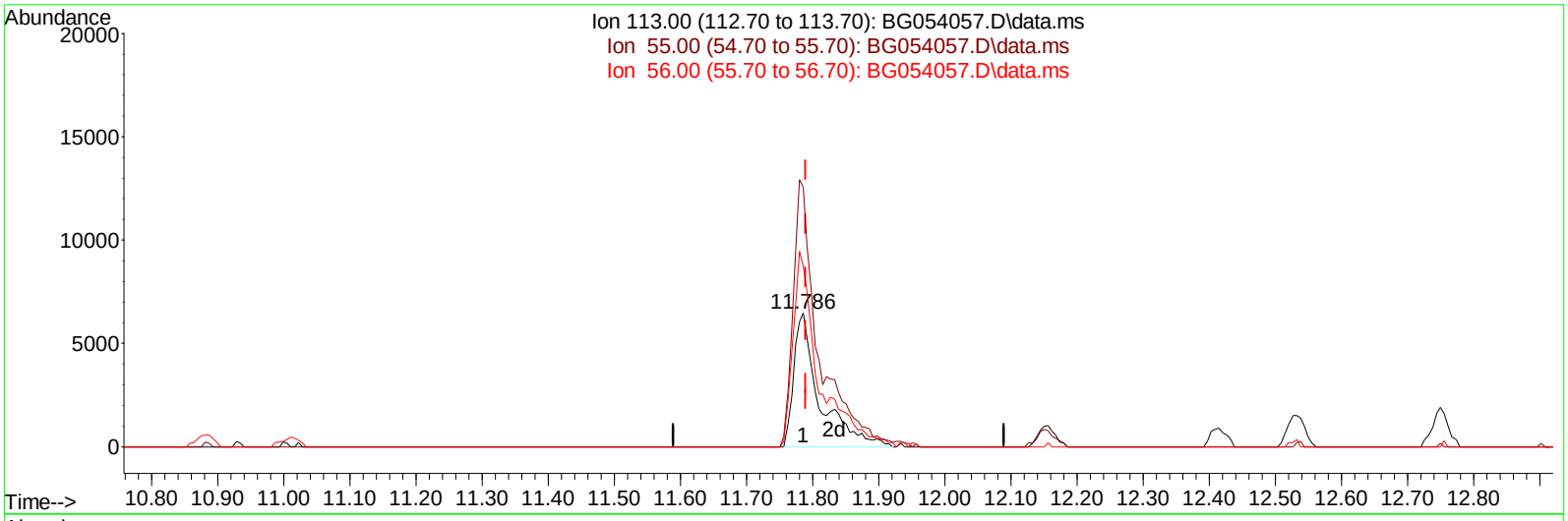

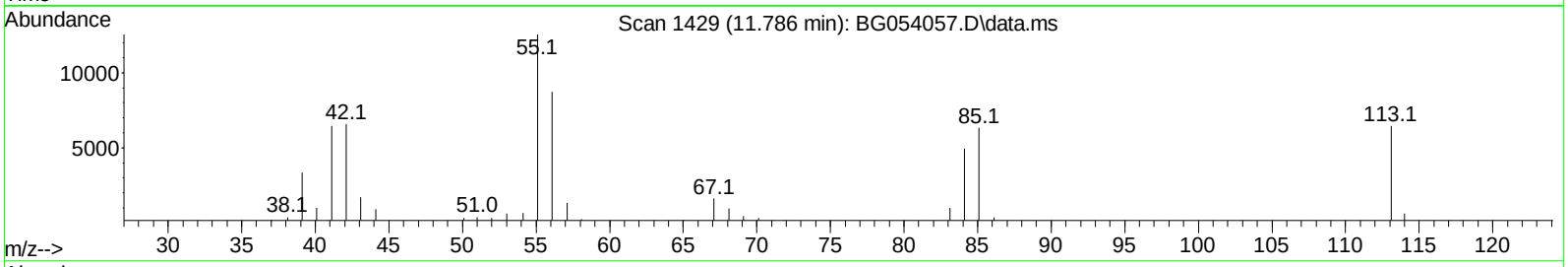

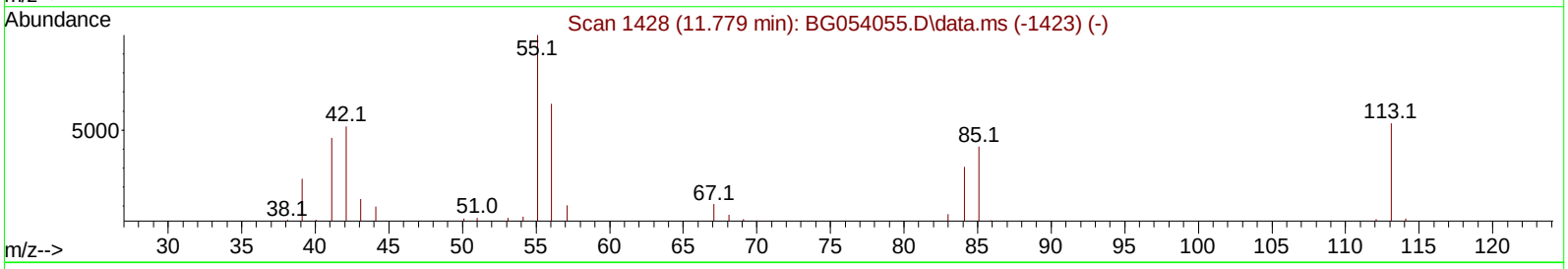

TIC: BG054057.D\data.ms

(34) Caprolactam

11.786min (-0.005) 34.60 ng/ul m

response 17593

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	194.40
56.00	159.50	135.29
0.00	0.00	0.00

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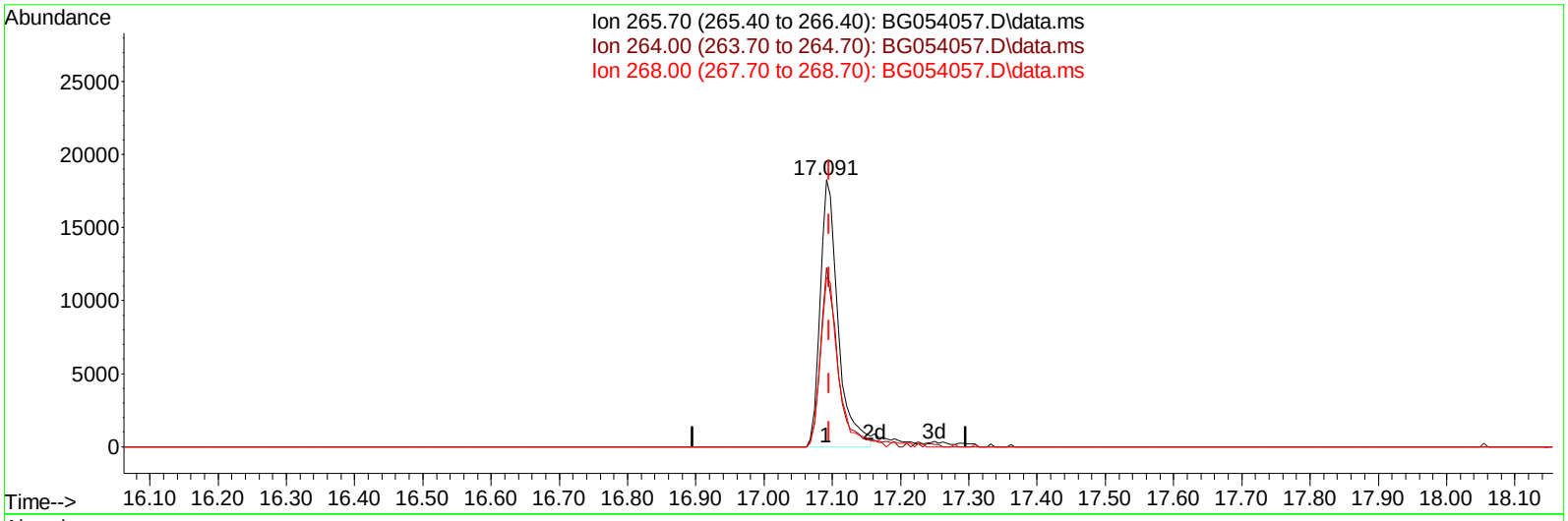

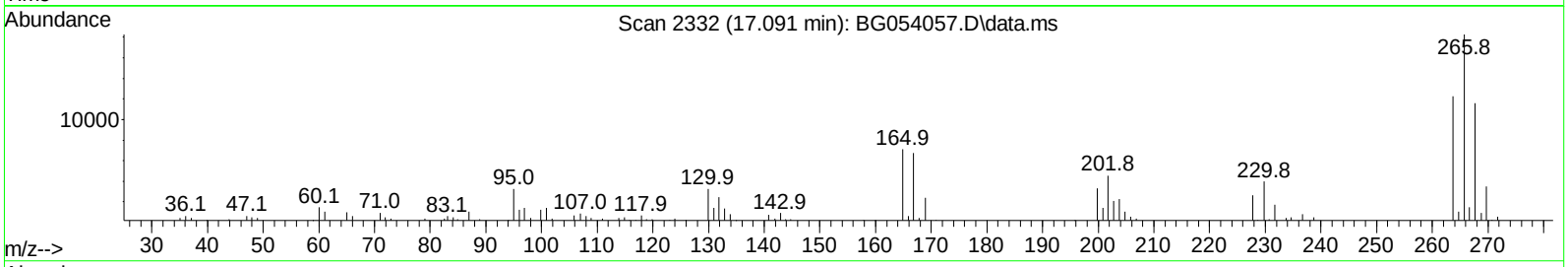

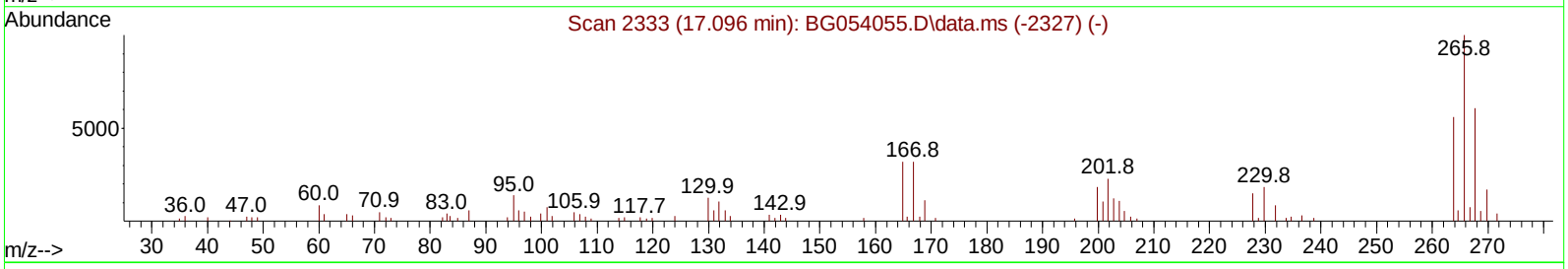

TIC: BG054057.D\data.ms

(71) Pentachlorophenol (C)

17.091min (-0.005) 27.51 ng/ul

response 33445

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.00	72.72
268.00	60.00	63.57
0.00	0.00	0.00

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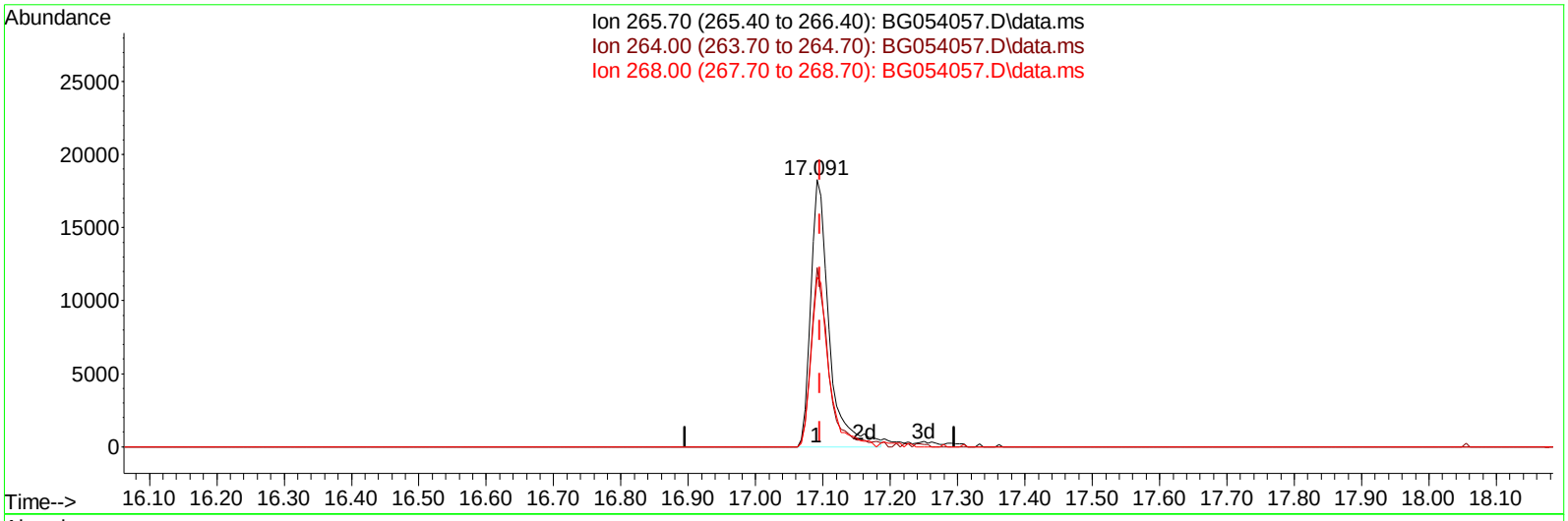

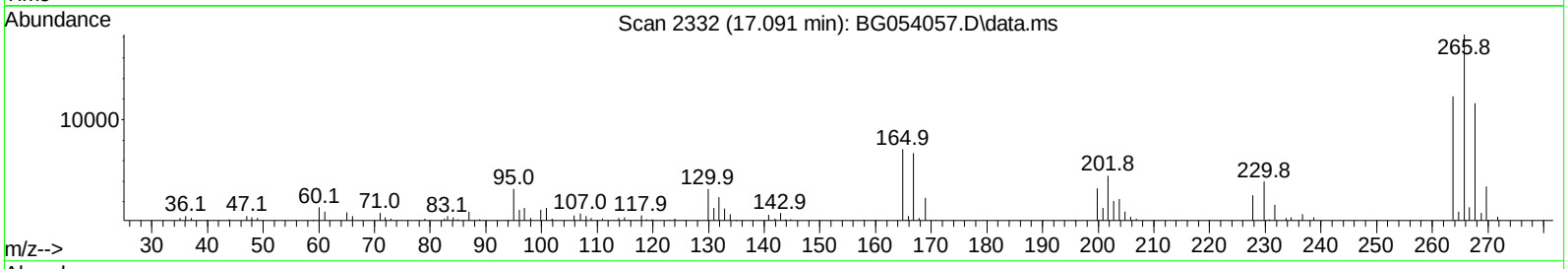

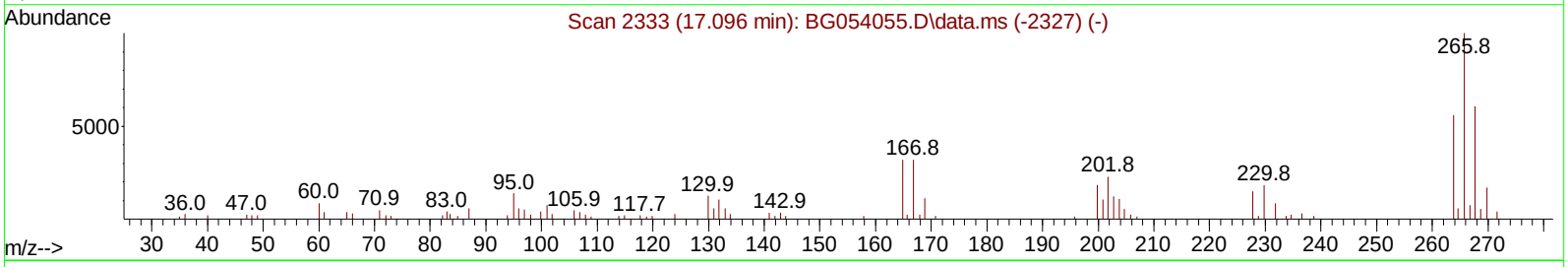

TIC: BG054057.D\data.ms

(71) Pentachlorophenol (C)

17.091min (-0.005) 28.43 ng/ul m

response 34574

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.00	67.00
268.00	60.00	63.57
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	8.072	152	21622	20.000	ng/ul	0.00
20) Naphthalene-d8	10.881	136	97658	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.694	164	78476	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.438	188	197044	20.000	ng/ul	0.00
79) Chrysene-d12	21.715	240	209099	20.000	ng/ul	0.00
88) Perylene-d12	24.970	264	210302	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.496	96	2888	6.355	ng/uL	-0.01
4) Pyridine-d5	3.907	84	43911	35.526	ng/ul	-0.01
7) Phenol-d5	7.232	99	61398	39.637	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.391	67	35425	37.912	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.608	132	45871	37.135	ng/ul	0.00
15) 4-Methylphenol-d8	8.778	113	51885	39.284	ng/ul	0.00
21) Nitrobenzene-d5	9.230	128	24146	33.311	ng/ul	0.00
24) 2-Nitrophenol-d4	9.959	143	26697	34.663	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	59771	35.077	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	67942	31.561	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	199001	32.234	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	220898	32.905	ng/ul	0.00
54) 4-Nitrophenol-d4	14.882	143	30387	35.947	ng/ul	0.00
60) Fluorene-d10	15.687	176	180254	32.505	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.805	200	35168	32.718	ng/ul	0.00
73) Anthracene-d10	17.538	188	295307	33.185	ng/ul	0.00
81) Pyrene-d10	19.823	212	378469	34.715	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.747	264	369081	34.768	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.525	88	6592	13.293	ng/uL#	85
5) Pyridine	3.924	79	44180	34.466	ng/ul	93
6) Benzaldehyde	7.209	77	40340	51.141	ng/ul	95
8) Phenol	7.256	94	61006	37.744	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.485	93	45028	36.778	ng/ul	89
12) 2-Chlorophenol	7.638	128	45745	36.272	ng/ul	96
13) 2-Methylphenol	8.507	108	46964	37.432	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.595	45	73049	40.168	ng/ul	97
16) Acetophenone	8.889	105	75146	36.789	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.872	70	38442	36.919	ng/ul	97
18) 4-Methylphenol	8.842	108	52415	39.052	ng/ul	94
19) Hexachloroethane	9.165	117	17370	32.502	ng/ul	91
22) Nitrobenzene	9.271	77	57626	33.376	ng/ul	96
23) Isophorone	9.794	82	109936	32.841	ng/ul	97
25) 2-Nitrophenol	9.988	139	27204	33.685	ng/ul	91
26) 2,4-Dimethylphenol	10.047	107	57980	32.878	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.276	93	65455	34.733	ng/ul	97
29) 2,4-Dichlorophenol	10.528	162	55914	32.812	ng/ul	97
30) Naphthalene	10.934	128	156289	32.262	ng/ul	99
32) 4-Chloroaniline	11.034	127	63788	29.881	ng/ul	99
33) Hexachlorobutadiene	11.222	225	40930	24.591	ng/ul	98
34) Caprolactam	11.786	113	17593m	34.597	ng/ul	
35) 4-Chloro-3-methylphenol	12.156	107	57988	35.386	ng/ul	97

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.532	142	113959	31.799 ng/ul	97
37) 1-Methylnaphthalene	12.749	142	114932	32.159 ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.896	216	83950	26.318 ng/ul	92
40) Hexachlorocyclopentadiene	12.885	237	41230	23.047 ng/ul	96
41) 2,4,6-Trichlorophenol	13.137	196	49405	29.842 ng/ul	97
42) 2,4,5-Trichlorophenol	13.208	196	56847	30.373 ng/ul	100
43) 1,1'-Biphenyl	13.531	154	168738	31.023 ng/ul	99
44) 2-Chloronaphthalene	13.578	162	137616	30.467 ng/ul	99
45) 2-Nitroaniline	13.772	65	41310	36.353 ng/ul	95
47) Dimethylphthalate	14.142	163	185634	31.284 ng/ul	98
48) 2,6-Dinitrotoluene	14.259	165	39315	32.944 ng/ul	94
50) Acenaphthylene	14.418	152	215616	31.280 ng/ul	99
51) 3-Nitroaniline	14.594	138	37070	38.265 ng/ul#	94
52) Acenaphthene	14.759	153	151119	32.830 ng/ul	99
53) 2,4-Dinitrophenol	14.800	184	15770	28.525 ng/ul#	61
55) 4-Nitrophenol	14.900	109	24307	29.333 ng/ul	99
56) Dibenzofuran	15.094	168	218762	31.061 ng/ul	98
57) 2,4-Dinitrotoluene	15.053	165	58769	33.949 ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.323	232	51811	31.858 ng/ul	97
59) Diethylphthalate	15.505	149	188354	32.374 ng/ul	99
61) Fluorene	15.740	166	181741	31.683 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.728	204	103120	28.273 ng/ul	96
63) 4-Nitroaniline	15.752	138	39665	42.581 ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.816	198	32749	31.739 ng/ul	96
67) N-Nitrosodiphenylamine	15.940	169	165289	34.312 ng/ul	98
68) 4-Bromophenyl-phenylether	16.627	248	74270	30.345 ng/ul	98
69) Hexachlorobenzene	16.751	284	81666	28.468 ng/ul	97
70) Atrazine	16.892	200	75337	31.840 ng/ul	96
71) Pentachlorophenol	17.091	266	34574m	28.435 ng/ul	
72) Phenanthrene	17.485	178	323579	33.146 ng/ul	99
74) Anthracene	17.573	178	323396	32.871 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.501	216	92339	27.514 ng/uL	98
76) Pentachlorobenzene	15.017	250	89053	28.851 ng/uL	97
77) Carbazole	17.838	167	279743	34.487 ng/ul	99
78) Di-n-butylphthalate	18.396	149	335270	36.304 ng/ul	99
80) Fluoranthene	19.489	202	414014	34.017 ng/ul	98
82) Pyrene	19.853	202	413314	34.157 ng/ul	99
83) Butylbenzylphthalate	20.734	149	145724	39.962 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.610	252	143862	33.246 ng/ul	98
85) Benzo(a)anthracene	21.698	228	431488	33.479 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.598	149	213231	40.016 ng/ul	99
87) Chrysene	21.762	228	404837	32.741 ng/ul	99
89) Di-n-octyl phthalate	22.826	149	365368	40.453 ng/ul	100
90) Benzo(b)fluoranthene	23.936	252	455846	35.104 ng/ul	99
91) Benzo(k)fluoranthene	24.001	252	419308	33.722 ng/ul	99
93) Benzo(a)pyrene	24.818	252	382493	30.577 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.690	276	511706	34.001 ng/ul	99
95) Dibenzo(a,h)anthracene	28.754	278	421198	33.256 ng/ul	99
96) Benzo(g,h,i)perylene	29.847	276	394998	31.085 ng/ul	100

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

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