Quantitation Report (Qedit)

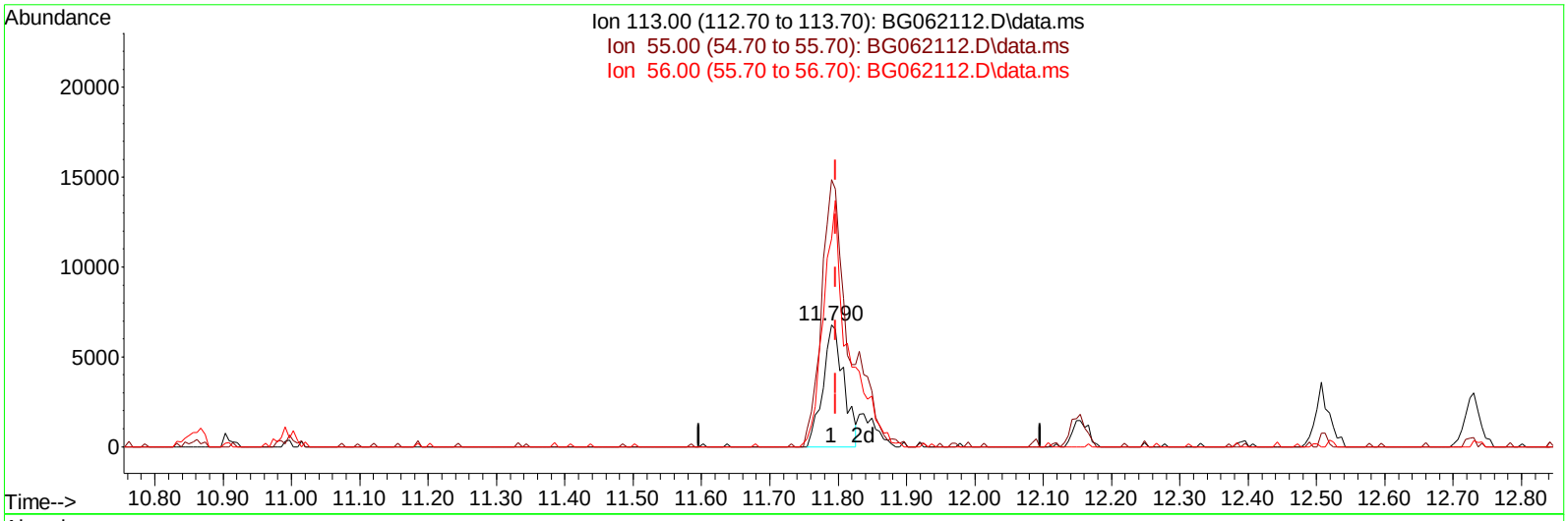
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071724\
Data File : BG062112.D
Acq On : 17 Jul 2024 14:21
Operator : MA/JU
Sample : PB162043BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

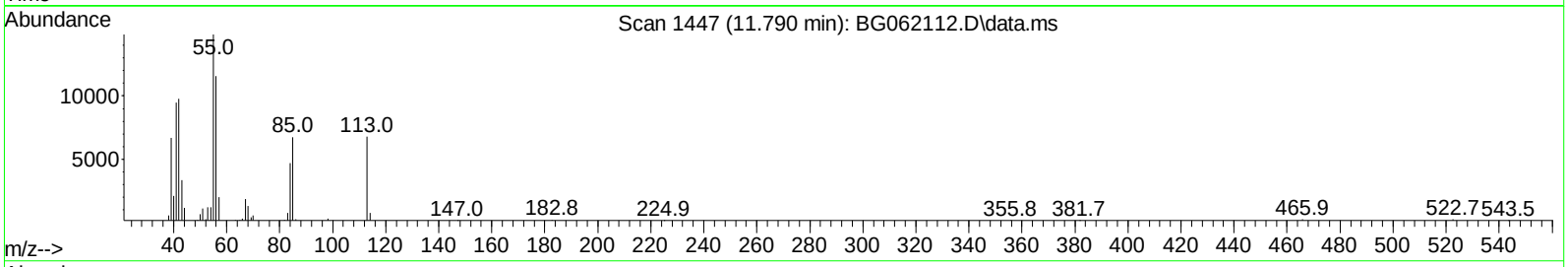
Quant Time: Jul 18 01:36:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 16 12:23:16 2024
Response via : Initial Calibration

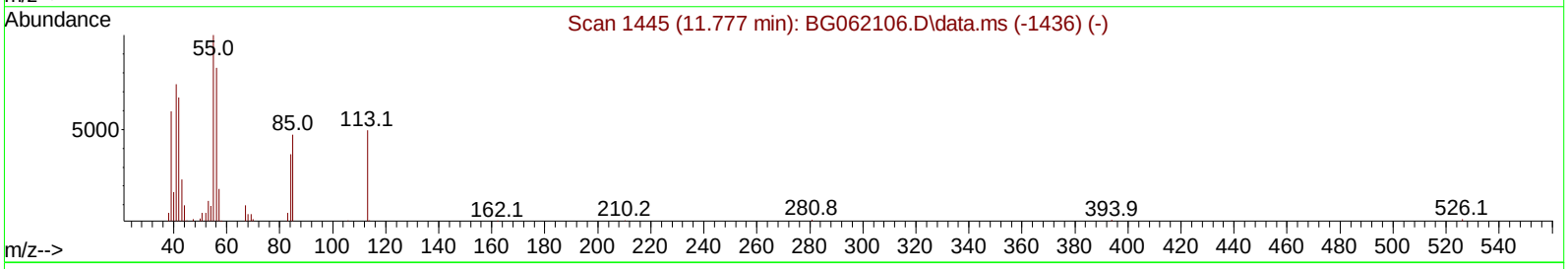
Instrument :
BNA_G
ClientSampleId :
SLCS043

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/18/2024







TIC: BG062112.D\data.ms

(34) Caprolactam

11.790min (-0.006) 22.46 ng/ul

response 14323

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	219.25
56.00	168.80	170.97
0.00	0.00	0.00

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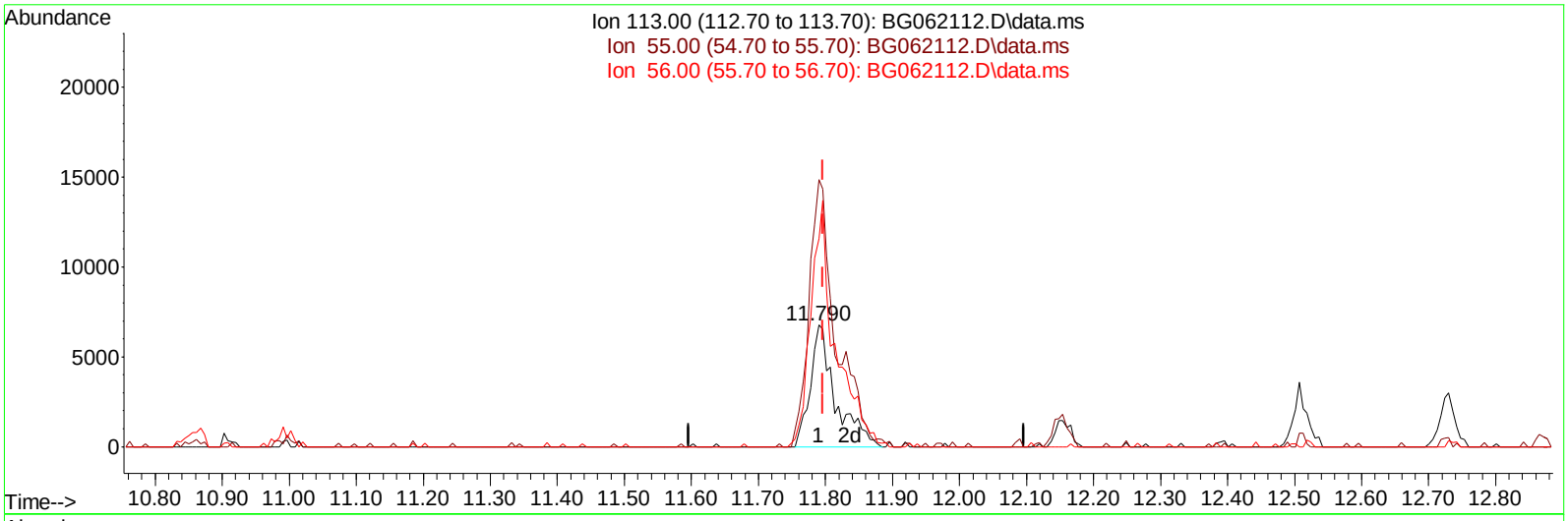

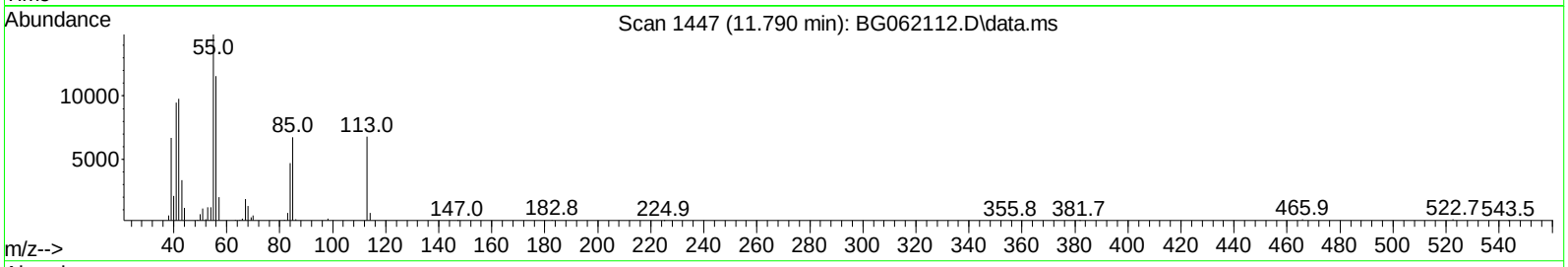

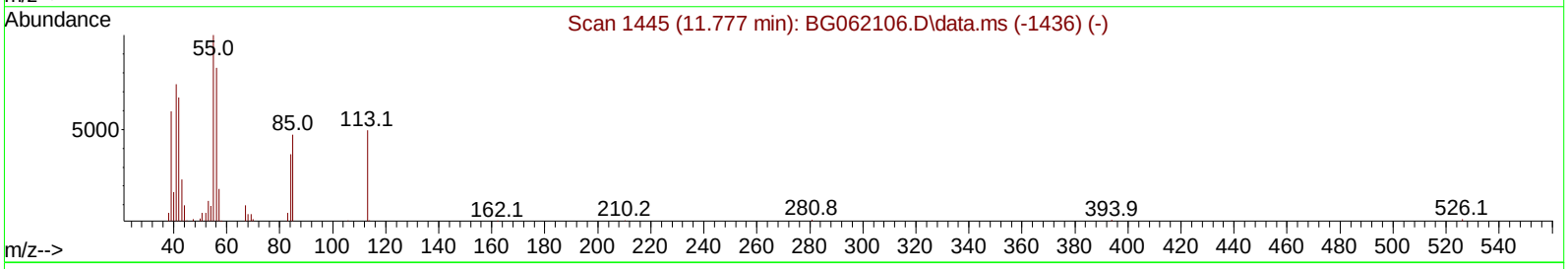

TIC: BG062112.D\data.ms

(34) Caprolactam

11.790min (-0.006) 27.62 ng/ul m

response 17614

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	230.70	219.25
56.00	168.80	170.97
0.00	0.00	0.00

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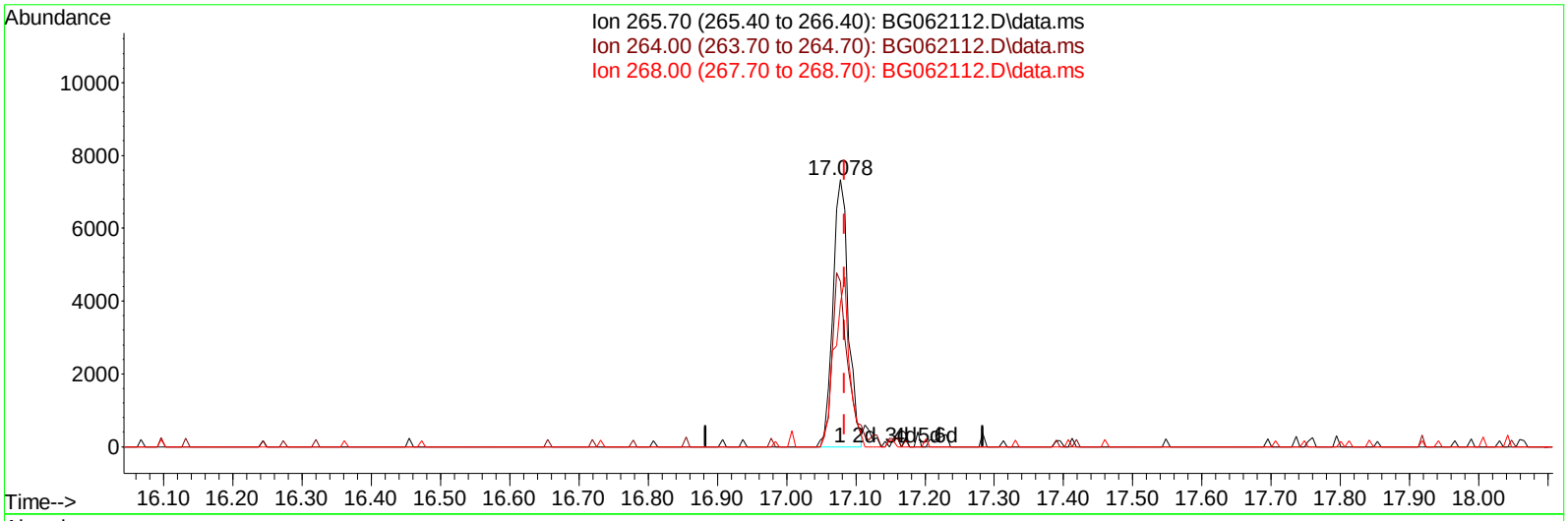

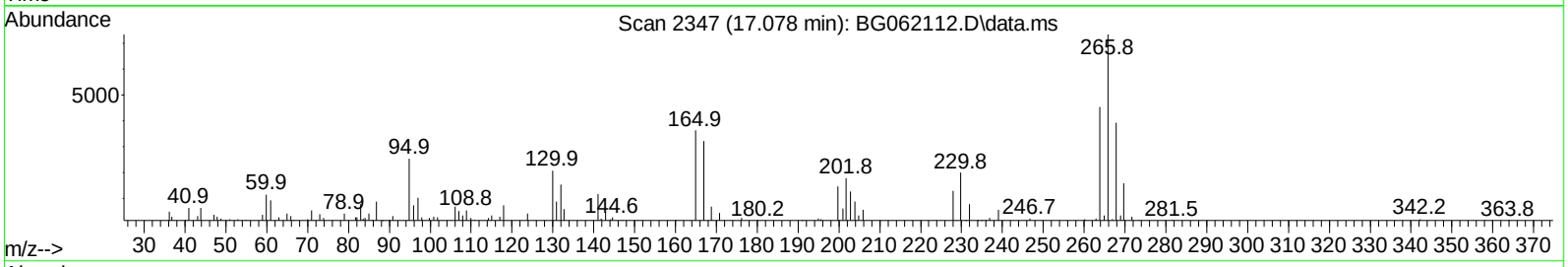

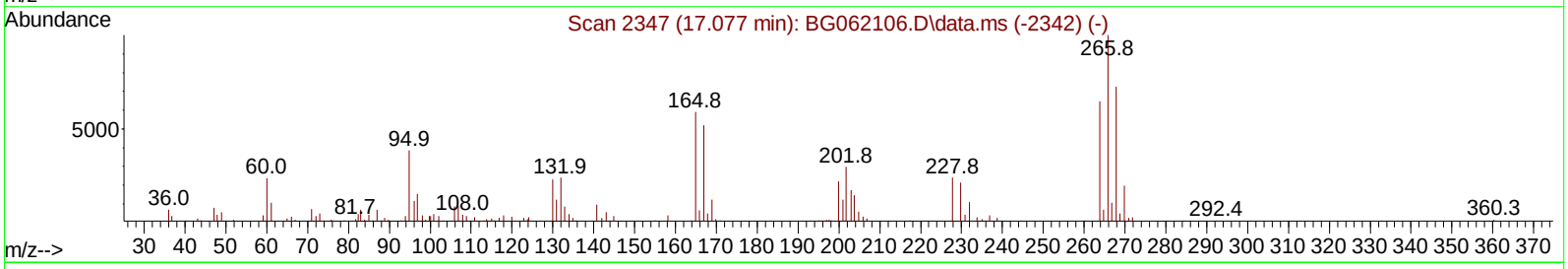

TIC: BG062112.D\data.ms

(71) Pentachlorophenol (C)

17.078min (-0.006) 9.17 ng/ul

response 11245

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	56.30	61.88
268.00	63.10	53.62
0.00	0.00	0.00

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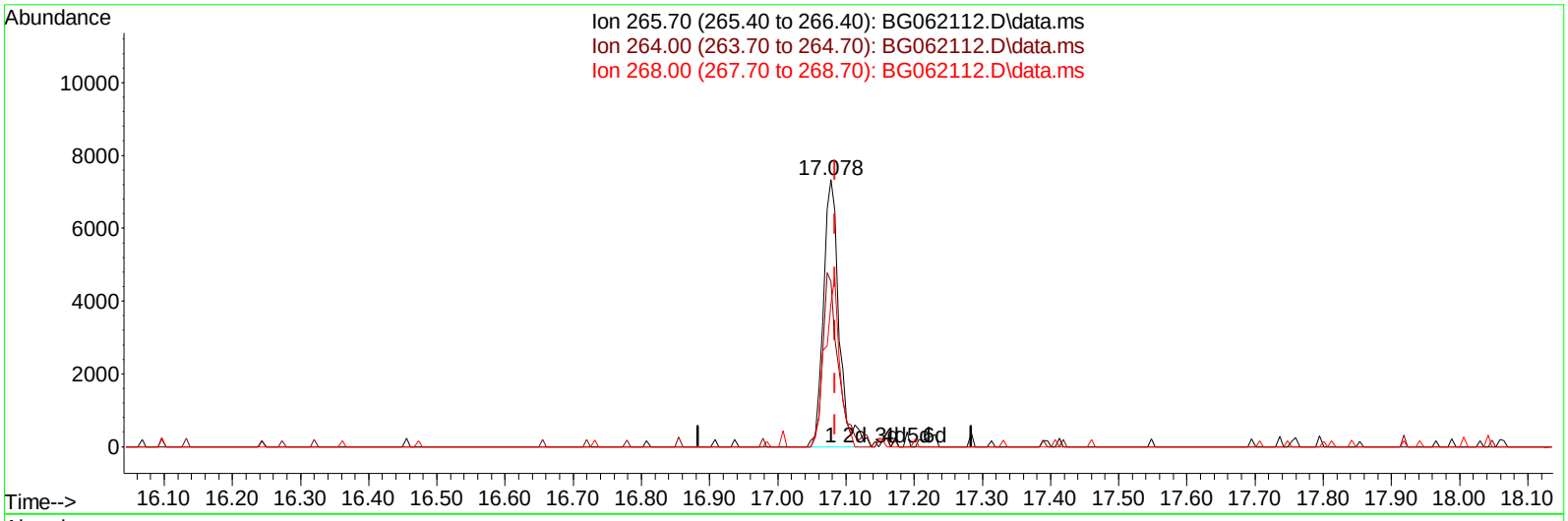

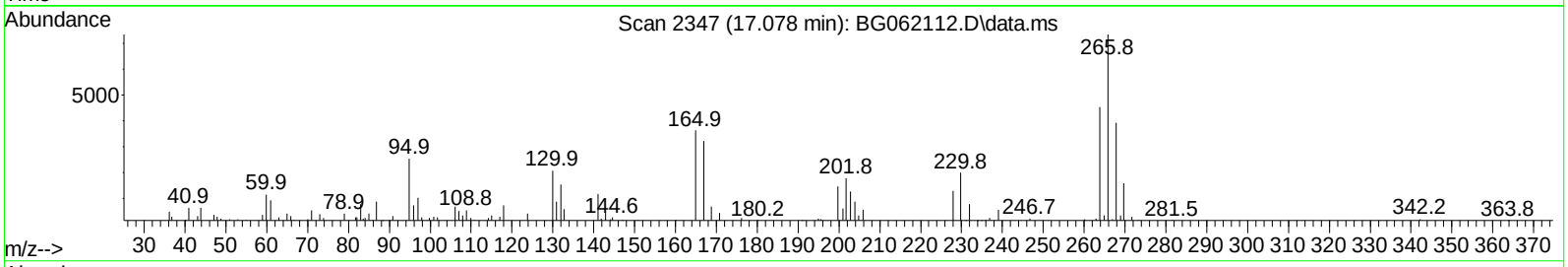

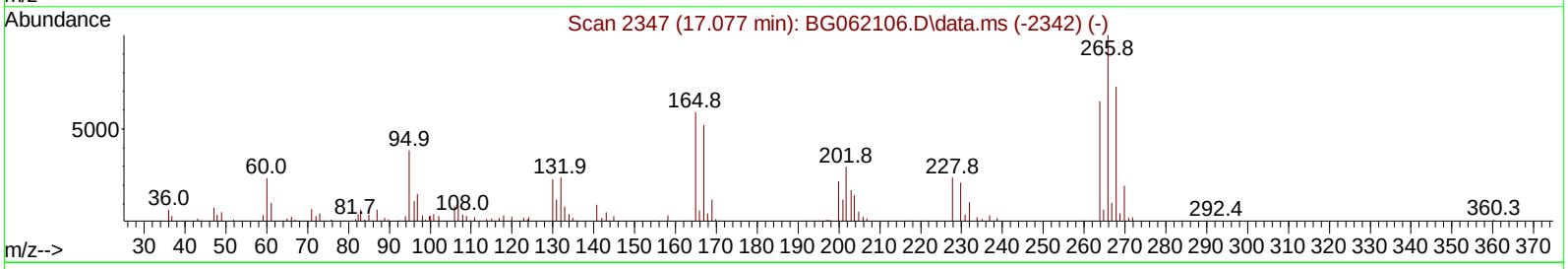

TIC: BG062112.D\data.ms

(71) Pentachlorophenol (C)

17.078min (-0.006) 9.61 ng/ul m

response 11776

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	56.30	61.88
268.00	63.10	53.62
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	8.041	152	19980	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.862	136	103439	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.675	164	74743	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.425	188	170942	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.684	240	147538	20.000	ng/ul	# 0.00
88) Perylene-d12	24.904	264	174890	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	4275	8.041	ng/uL	0.00
4) Pyridine-d5	3.858	84	42689	26.112	ng/ul	0.00
7) Phenol-d5	7.225	99	58736	26.863	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.366	67	30786	22.234	ng/ul	0.00
11) 2-Chlorophenol-d4	7.577	132	43482	28.991	ng/ul	0.00
15) 4-Methylphenol-d8	8.764	113	47907	27.827	ng/ul	0.00
21) Nitrobenzene-d5	9.217	128	23614	30.017	ng/ul	0.00
24) 2-Nitrophenol-d4	9.939	143	28772	32.026	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.486	165	57481	33.172	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	62164	24.710	ng/ul	0.00
46) Dimethylphthalate-d6	14.076	166	184021	29.947	ng/ul	0.00
49) Acenaphthylene-d8	14.375	160	205555	31.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	25566	26.053	ng/ul	0.00
60) Fluorene-d10	15.668	176	164907	31.878	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.797	200	31454	35.036	ng/ul	0.00
73) Anthracene-d10	17.524	188	253629	31.779	ng/ul	0.00
81) Pyrene-d10	19.804	212	275629	31.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.687	264	287400	33.135	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.476	88	6373	10.860	ng/uL#	76
5) Pyridine	3.876	79	46489	27.728	ng/ul	90
6) Benzaldehyde	7.184	77	32472	28.060	ng/ul	94
8) Phenol	7.248	94	65914	29.444	ng/ul#	78
10) Bis(2-Chloroethyl)ether	7.460	93	40651	23.638	ng/ul	94
12) 2-Chlorophenol	7.613	128	45058	29.488	ng/ul	94
13) 2-Methylphenol	8.500	108	47445	29.694	ng/ul	89
14) 2,2'-oxybis(1-Chloropr...	8.570	45	77237	20.557	ng/ul#	89
16) Acetophenone	8.870	105	80774	28.404	ng/ul#	88
17) N-Nitroso-di-n-propyla...	8.852	70	41394	26.000	ng/ul#	84
18) 4-Methylphenol	8.829	108	53366	29.824	ng/ul	86
19) Hexachloroethane	9.123	117	19684	29.695	ng/ul#	86
22) Nitrobenzene	9.258	77	66783	29.906	ng/ul	94
23) Isophorone	9.775	82	123395	24.459	ng/ul#	96
25) 2-Nitrophenol	9.969	139	27397	29.904	ng/ul#	76
26) 2,4-Dimethylphenol	10.033	107	57172	26.074	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.257	93	61530	22.147	ng/ul	100
29) 2,4-Dichlorophenol	10.515	162	53774	33.036	ng/ul	94
30) Naphthalene	10.909	128	165424	29.114	ng/ul	97
32) 4-Chloroaniline	11.020	127	61479	24.905	ng/ul	93
33) Hexachlorobutadiene	11.173	225	43366	35.404	ng/ul#	80
34) Caprolactam	11.790	113	17614m	27.620	ng/ul	
35) 4-Chloro-3-methylphenol	12.154	107	67908	31.325	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.513	142	127038	30.861	ng/ul	89
37) 1-Methylnaphthalene	12.730	142	121637	28.435	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.871	216	77091	34.346	ng/ul	98
40) Hexachlorocyclopentadiene	12.842	237	29257	19.581	ng/ul#	89
41) 2,4,6-Trichlorophenol	13.124	196	44913	30.126	ng/ul	94
42) 2,4,5-Trichlorophenol	13.200	196	51819	31.642	ng/ul	94
43) 1,1'-Biphenyl	13.512	154	178971	31.077	ng/ul#	97
44) 2-Chloronaphthalene	13.559	162	133012	30.775	ng/ul#	90
45) 2-Nitroaniline	13.770	65	57404	33.166	ng/ul	93
47) Dimethylphthalate	14.128	163	177735	30.071	ng/ul	100
48) 2,6-Dinitrotoluene	14.258	165	37849	33.756	ng/ul	92
50) Acenaphthylene	14.405	152	212622	30.150	ng/ul	98
51) 3-Nitroaniline	14.593	138	35682	32.693	ng/ul#	89
52) Acenaphthene	14.745	153	145821	29.946	ng/ul	96
53) 2,4-Dinitrophenol	14.798	184	14806	25.275	ng/ul#	72
55) 4-Nitrophenol	14.922	109	41303	36.878	ng/ul#	71
56) Dibenzofuran	15.074	168	213488	31.020	ng/ul	90
57) 2,4-Dinitrotoluene	15.045	165	60670	36.896	ng/ul#	88
58) 2,3,4,6-Tetrachlorophenol	15.309	232	38531	26.055	ng/ul#	93
59) Diethylphthalate	15.486	149	184141	28.911	ng/ul#	92
61) Fluorene	15.727	166	179072	30.595	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.709	204	94037	31.986	ng/ul#	87
63) 4-Nitroaniline	15.756	138	39166	35.365	ng/ul#	61
66) 4,6-Dinitro-2-methylph...	15.809	198	32967	34.121	ng/ul#	88
67) N-Nitrosodiphenylamine	15.932	169	148553	31.822	ng/ul	95
68) 4-Bromophenyl-phenylether	16.608	248	64331	33.172	ng/ul	91
69) Hexachlorobenzene	16.725	284	81164	36.397	ng/ul	94
70) Atrazine	16.872	200	11850	6.430	ng/ul	92
71) Pentachlorophenol	17.078	266	11776m	9.607	ng/ul	
72) Phenanthrene	17.466	178	281681	31.251	ng/ul	97
74) Anthracene	17.560	178	277013	29.739	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.482	216	75274	35.455	ng/ul#	93
76) Pentachlorobenzene	14.992	250	85576	35.340	ng/ul	96
77) Carbazole	17.830	167	247542	31.577	ng/ul	95
78) Di-n-butylphthalate	18.371	149	299855	29.793	ng/ul#	98
80) Fluoranthene	19.475	202	328663	32.002	ng/ul#	86
82) Pyrene	19.834	202	329158	31.028	ng/ul#	86
83) Butylbenzylphthalate	20.703	149	124835	28.039	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.579	252	122516	34.905	ng/ul	98
85) Benzo(a)anthracene	21.667	228	338413	31.680	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.549	149	177160	27.730	ng/ul#	99
87) Chrysene	21.731	228	308787	30.878	ng/ul	95
89) Di-n-octyl phthalate	22.759	149	307545	28.784	ng/ul	100
90) Benzo(b)fluoranthene	23.882	252	338001	30.675	ng/ul#	97
91) Benzo(k)fluoranthene	23.952	252	344660	31.367	ng/ul#	95
93) Benzo(a)pyrene	24.757	252	309346	29.648	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	28.588	276	440661	33.049	ng/ul#	92
95) Dibenzo(a,h)anthracene	28.647	278	358811	32.582	ng/ul#	95
96) Benzo(g,h,i)perylene	29.745	276	337518	31.818	ng/ul#	94

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

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