Quantitation Report (Qedit)

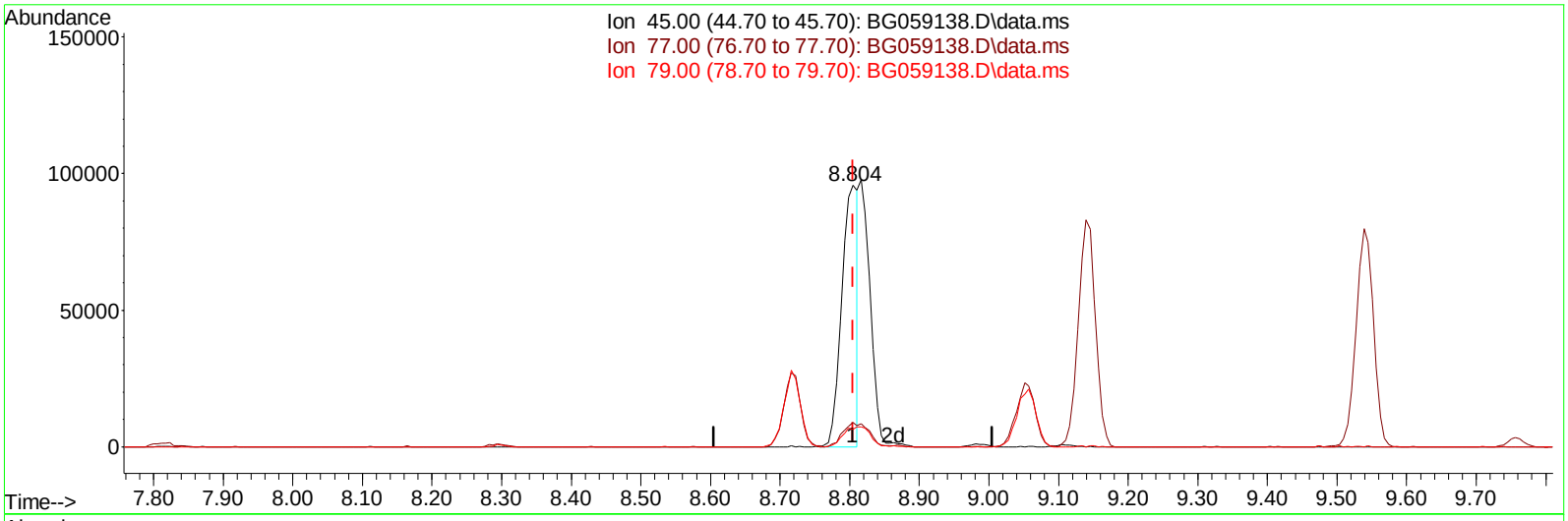
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092023\
Data File : BG059138.D
Acq On : 21 Sep 2023 11:07
Operator : MA/JU
Sample : PB155516BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

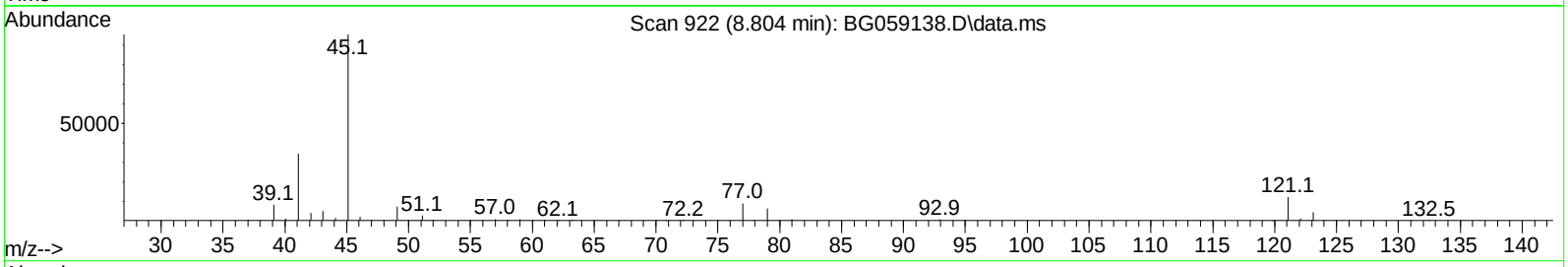
Quant Time: Sep 22 01:07:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 04:25:24 2023
Response via : Initial Calibration

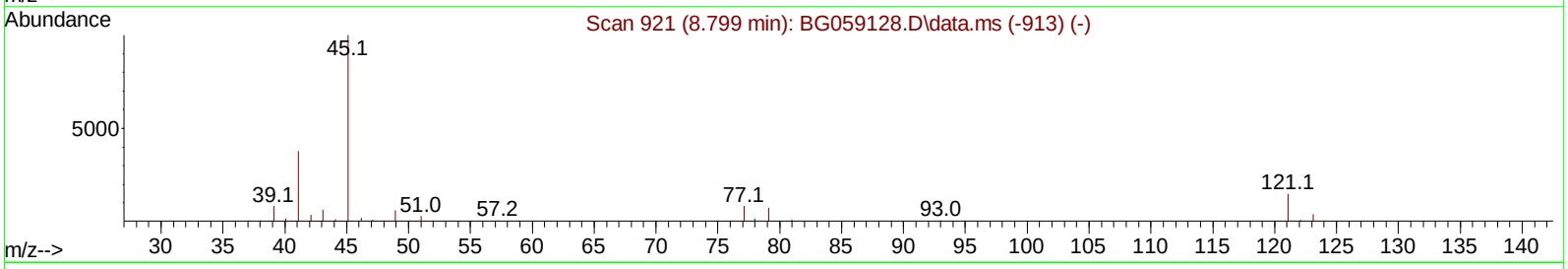
Instrument :
BNA_G
ClientSampleId :
SLCS516

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/22/2023
Supervised By :mohammad ahmed 09/22/2023







TIC: BG059138.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.804min (-0.001) 21.69 ng/ul

response 153726

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	9.70	9.31
79.00	7.00	6.74
0.00	0.00	0.00

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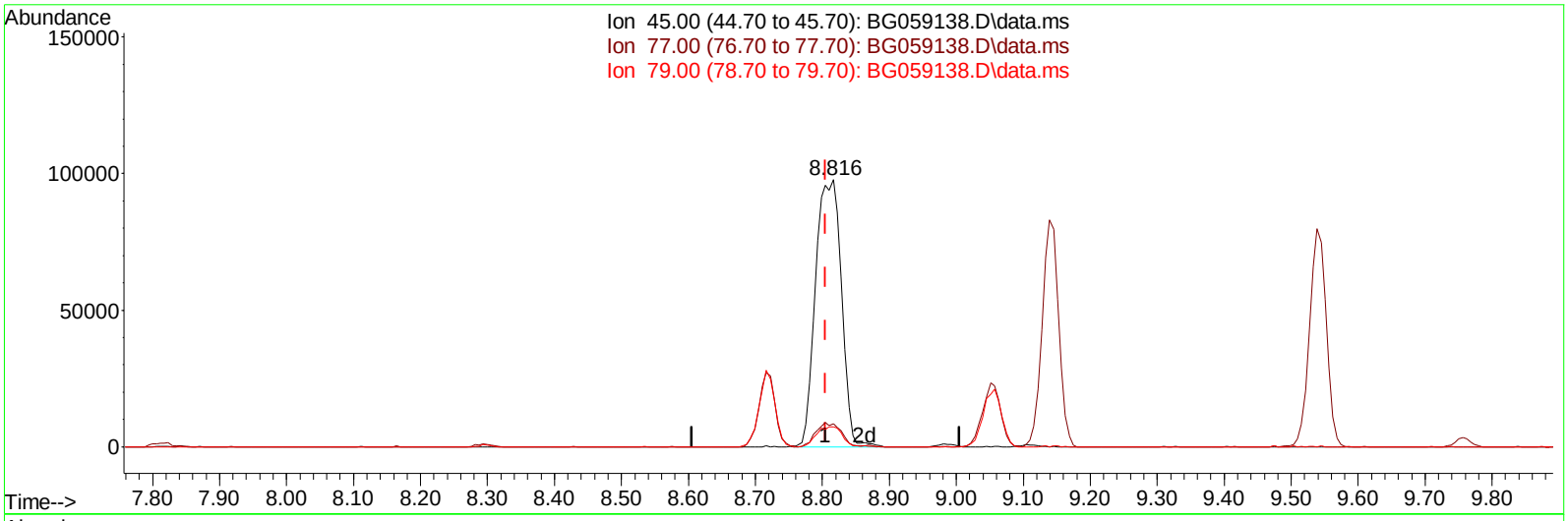

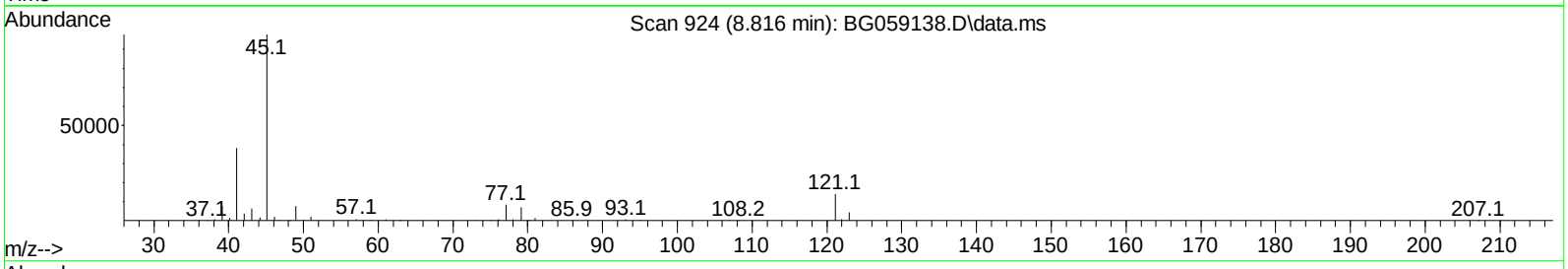

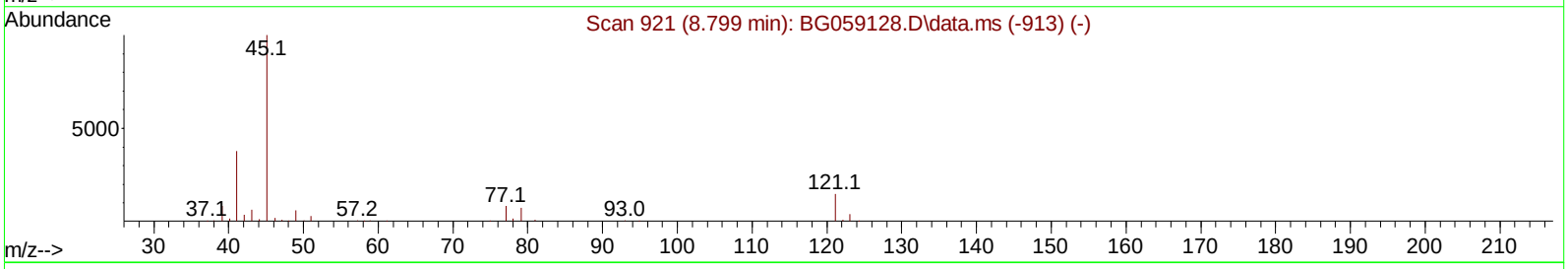

TIC: BG059138.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.816min (+ 0.011) 36.94 ng/ul m

response 261862

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	9.70	8.54
79.00	7.00	7.42
0.00	0.00	0.00

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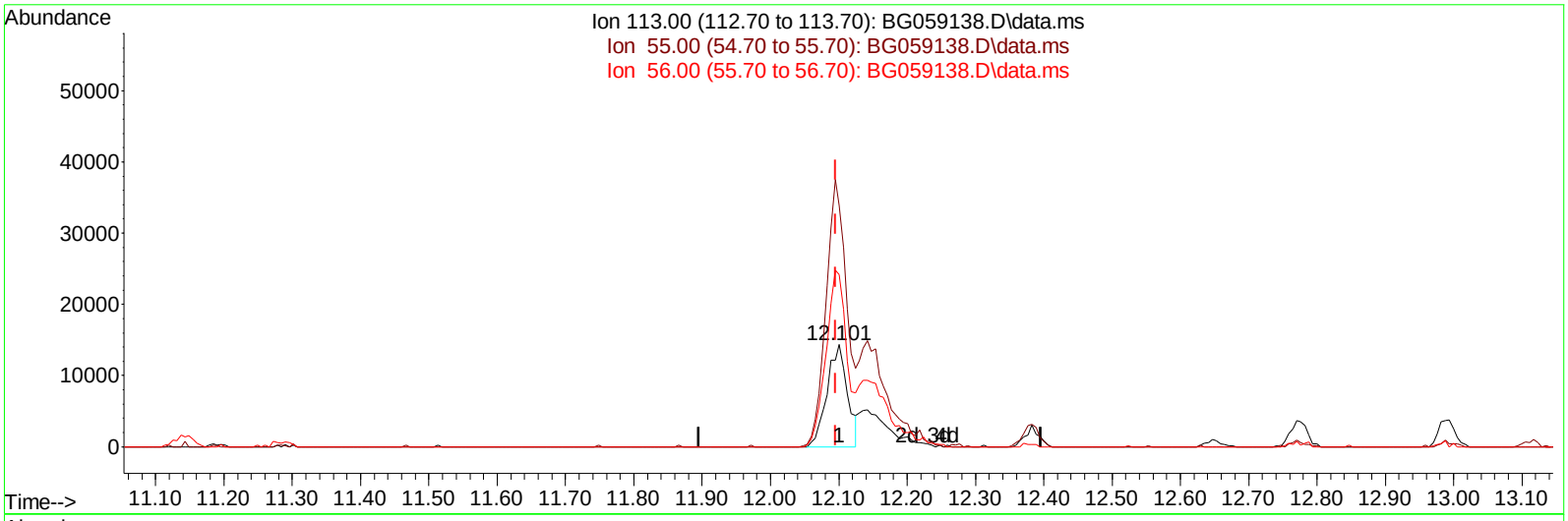

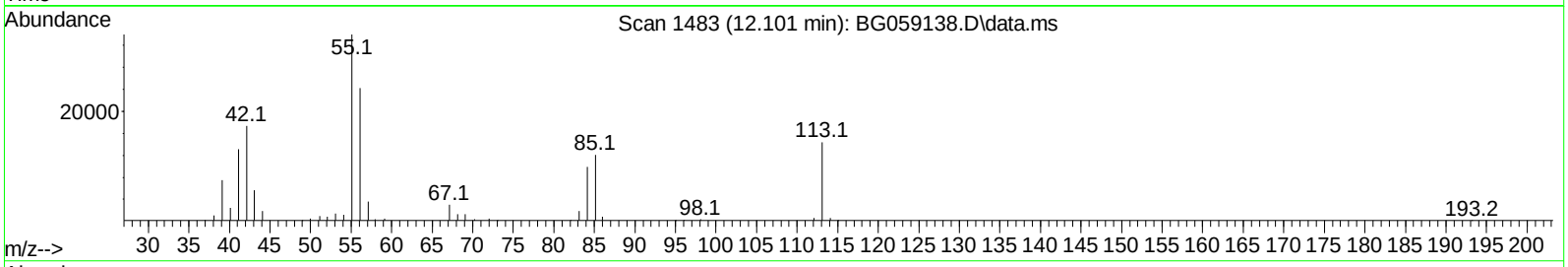

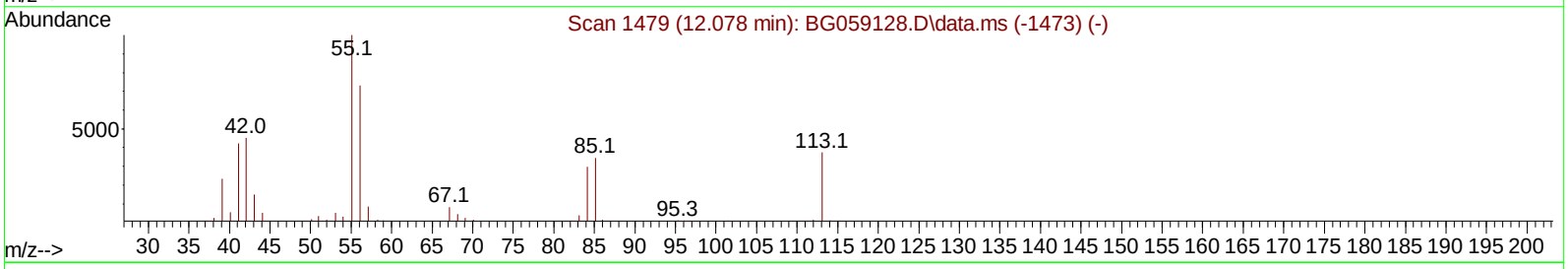

TIC: BG059138.D\data.ms

(34) Caprolactam

12.101min (+ 0.005) 25.28 ng/ul

response 29506

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	236.24
56.00	140.40	168.35
0.00	0.00	0.00

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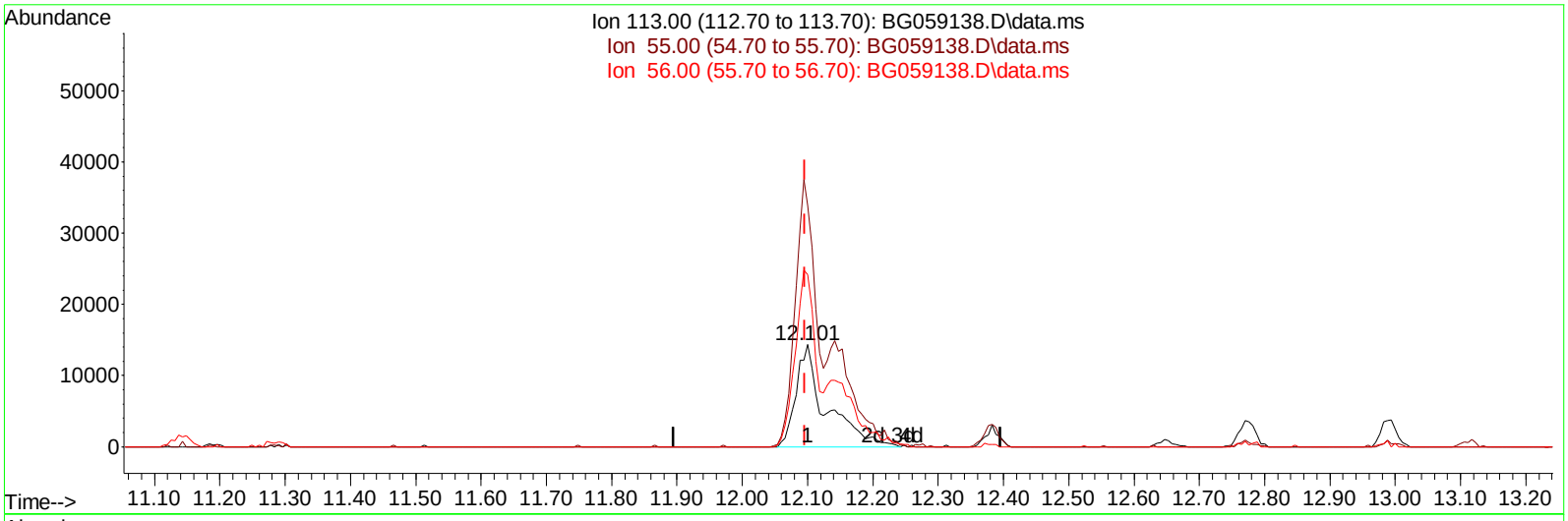

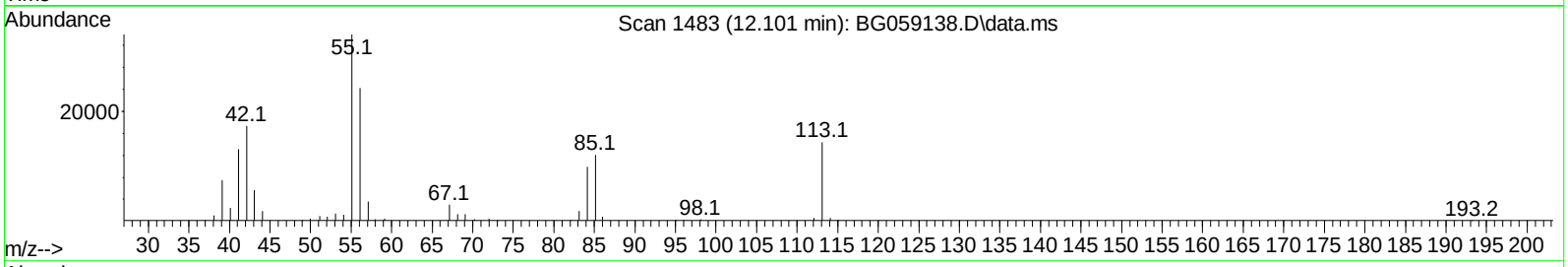

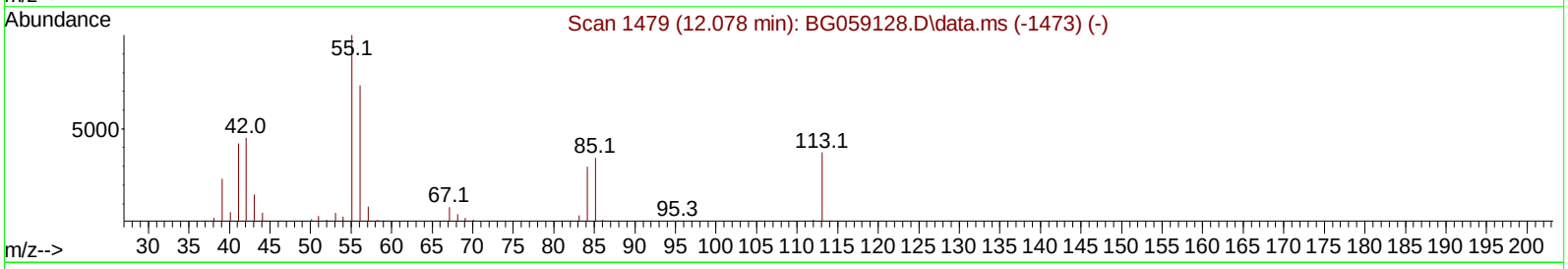

TIC: BG059138.D\data.ms

(34) Caprolactam

12.101min (+ 0.005) 38.79 ng/ul m

response 45278

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	197.00	236.24
56.00	140.40	168.35
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	8.299	152	42073	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	213071	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.927	164	138222	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.676	188	290979	20.000	ng/ul	0.00
79) Chrysene-d12	22.001	240	240275	20.000	ng/ul	0.00
88) Perylene-d12	25.550	264	275378	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	6284	5.846	ng/uL	0.00
4) Pyridine-d5	4.034	84	86469	27.421	ng/ul	-0.01
7) Phenol-d5	7.412	99	158050	38.204	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.618	67	90299	35.568	ng/ul	0.00
11) 2-Chlorophenol-d4	7.811	132	114332	37.450	ng/ul	0.00
15) 4-Methylphenol-d8	8.987	113	118561	35.985	ng/ul	0.00
21) Nitrobenzene-d5	9.492	128	59401	36.128	ng/ul	0.00
24) 2-Nitrophenol-d4	10.215	143	64883	39.064	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.737	165	121758	38.614	ng/ul	0.00
31) 4-Chloroaniline-d4	11.284	131	94017	19.103	ng/ul	0.00
46) Dimethylphthalate-d6	14.322	166	374813	35.259	ng/ul	0.00
49) Acenaphthylene-d8	14.633	160	450818	34.829	ng/ul	0.00
54) 4-Nitrophenol-d4	15.109	143	69454	35.811	ng/ul	0.01
60) Fluorene-d10	15.914	176	332911	34.213	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.025	200	65029	39.309	ng/ul	0.00
73) Anthracene-d10	17.776	188	460547	34.785	ng/ul	0.00
81) Pyrene-d10	20.050	212	515618	36.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.303	264	516688	38.426	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	14410	11.856	ng/uL#	72
5) Pyridine	4.057	79	94372	29.370	ng/ul	95
6) Benzaldehyde	7.441	77	59272	27.631	ng/ul	92
8) Phenol	7.441	94	167037	39.283	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.712	93	126396	37.024	ng/ul	93
12) 2-Chlorophenol	7.847	128	122664	39.381	ng/ul	90
13) 2-Methylphenol	8.716	108	120009	38.030	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.816	45	261862m	36.944	ng/ul	
16) Acetophenone	9.139	105	193094	38.067	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.110	70	97343	37.962	ng/ul	99
18) 4-Methylphenol	9.057	108	134542	39.785	ng/ul	93
19) Hexachloroethane	9.386	117	46622	38.070	ng/ul	98
22) Nitrobenzene	9.539	77	139347	37.427	ng/ul	93
23) Isophorone	10.050	82	301648	37.782	ng/ul	98
25) 2-Nitrophenol	10.250	139	73035	39.348	ng/ul	97
26) 2,4-Dimethylphenol	10.267	107	114579	33.017	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.532	93	187410	37.731	ng/ul	98
29) 2,4-Dichlorophenol	10.767	162	127139	39.887	ng/ul	91
30) Naphthalene	11.196	128	426636	37.419	ng/ul	99
32) 4-Chloroaniline	11.307	127	129251	26.679	ng/ul	94
33) Hexachlorobutadiene	11.419	225	77919	37.979	ng/ul#	84
34) Caprolactam	12.101	113	45278m	38.788	ng/ul	
35) 4-Chloro-3-methylphenol	12.383	107	135166	40.258	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.776	142	287914	37.809	ng/ul	98
37) 1-Methylnaphthalene	12.994	142	280372	36.449	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.117	216	150484	37.136	ng/ul	99
40) Hexachlorocyclopentadiene	13.070	237	75332	29.160	ng/ul	90
41) 2,4,6-Trichlorophenol	13.358	196	96144	36.334	ng/ul	92
42) 2,4,5-Trichlorophenol	13.428	196	106647	37.260	ng/ul	95
43) 1,1'-Biphenyl	13.763	154	424626	38.488	ng/ul	96
44) 2-Chloronaphthalene	13.816	162	315923	37.502	ng/ul	97
45) 2-Nitroaniline	14.034	65	103508	38.763	ng/ul	99
47) Dimethylphthalate	14.374	163	398146	36.670	ng/ul	99
48) 2,6-Dinitrotoluene	14.515	165	79400	39.574	ng/ul	89
50) Acenaphthylene	14.662	152	485137	35.090	ng/ul	99
51) 3-Nitroaniline	14.850	138	85379	38.567	ng/ul	97
52) Acenaphthene	14.991	153	348922	37.216	ng/ul	96
53) 2,4-Dinitrophenol	15.044	184	51444	42.553	ng/ul#	91
55) 4-Nitrophenol	15.121	109	48524	37.857	ng/ul	95
56) Dibenzofuran	15.326	168	470720	37.853	ng/ul	97
57) 2,4-Dinitrotoluene	15.291	165	113259	39.155	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.532	232	86984	32.831	ng/ul#	89
59) Diethylphthalate	15.720	149	374874	35.039	ng/ul	98
61) Fluorene	15.973	166	379701	35.759	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.955	204	191356	36.310	ng/ul	95
63) 4-Nitroaniline	16.020	138	81717	39.820	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.043	198	71153	39.905	ng/ul#	98
67) N-Nitrosodiphenylamine	16.172	169	315018	40.663	ng/ul	98
68) 4-Bromophenyl-phenylether	16.854	248	113583	40.121	ng/ul	97
69) Hexachlorobenzene	16.942	284	127195	39.225	ng/ul	91
70) Atrazine	17.101	200	1075	0.349	ng/ul#	93
71) Pentachlorophenol	17.294	266	67362	31.981	ng/ul	92
72) Phenanthrene	17.723	178	622502	38.229	ng/ul	99
74) Anthracene	17.812	178	617916	37.138	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.722	216	15310	3.947	ng/uL	86
76) Pentachlorobenzene	15.215	250	156856	43.714	ng/uL	95
77) Carbazole	18.088	167	530322	38.338	ng/ul	99
78) Di-n-butylphthalate	18.593	149	638455	37.466	ng/ul	99
80) Fluoranthene	19.715	202	701549	40.087	ng/ul	99
82) Pyrene	20.079	202	719413	39.409	ng/ul	99
83) Butylbenzylphthalate	20.937	149	267302	40.538	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.889	252	224457	38.658	ng/ul	99
85) Benzo(a)anthracene	21.977	228	664974	38.119	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.807	149	408679	41.424	ng/ul#	98
87) Chrysene	22.054	228	638571	39.252	ng/ul	99
89) Di-n-octyl phthalate	23.135	149	699354	41.539	ng/ul	100
90) Benzo(b)fluoranthene	24.398	252	713393	42.514	ng/ul	100
91) Benzo(k)fluoranthene	24.480	252	702554	40.382	ng/ul	100
93) Benzo(a)pyrene	25.379	252	618924	38.379	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.668	276	751919	40.997	ng/ul	96
95) Dibenzo(a,h)anthracene	29.750	278	625352	42.428	ng/ul	99
96) Benzo(g,h,i)perylene	30.973	276	596535	40.376	ng/ul	98

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

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