Quantitation Report (Qedit)

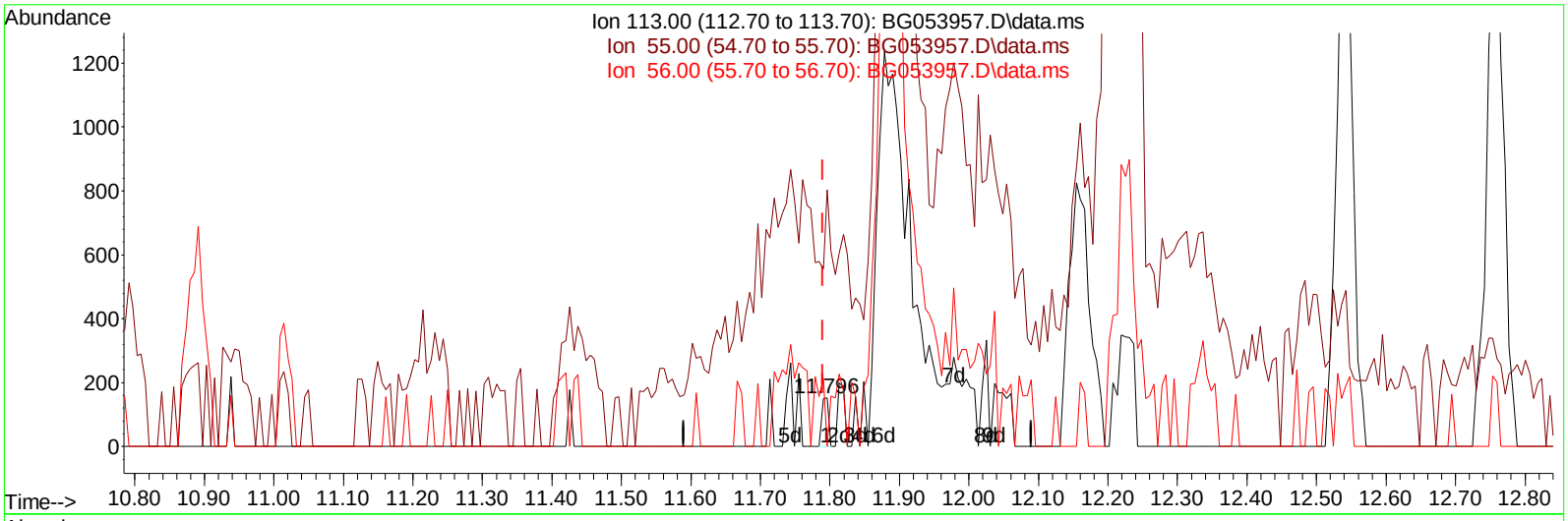
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062022\
Data File : BG053957.D
Acq On : 20 Jun 2022 20:36
Operator : CG/JU
Sample : N3358-09MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

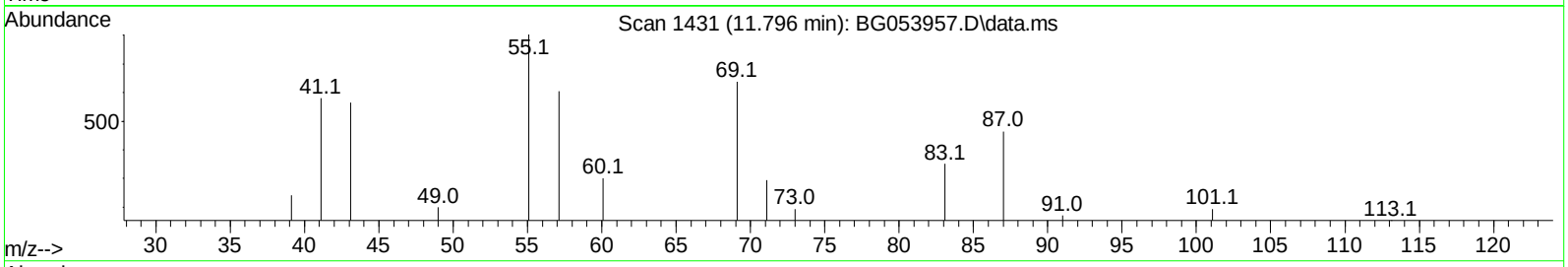
Quant Time: Jun 21 06:18:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 15:29:13 2022
Response via : Initial Calibration

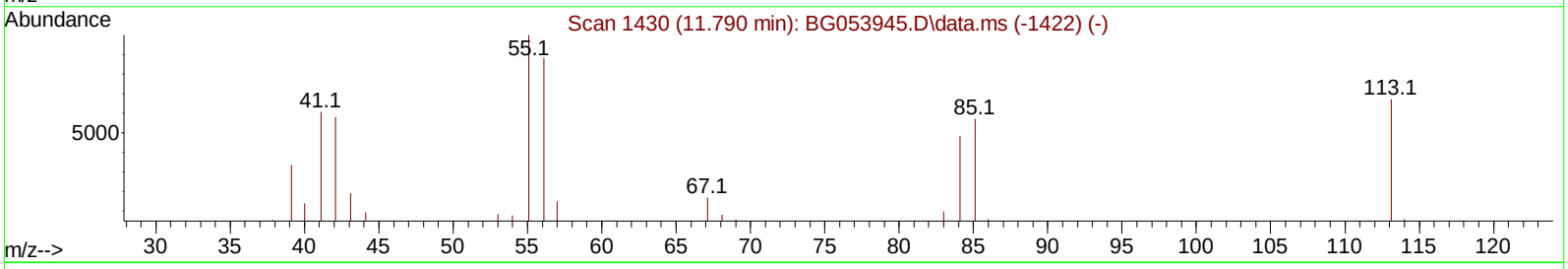
Instrument :
BNA_G
ClientSampleId :
EW4R7MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022







TIC: BG053957.D\data.ms

(34) Caprolactam

11.796min (+ 0.006) 0.25 ng/ul

response 107

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	524.84#
56.00	159.50	0.00#
0.00	0.00	0.00

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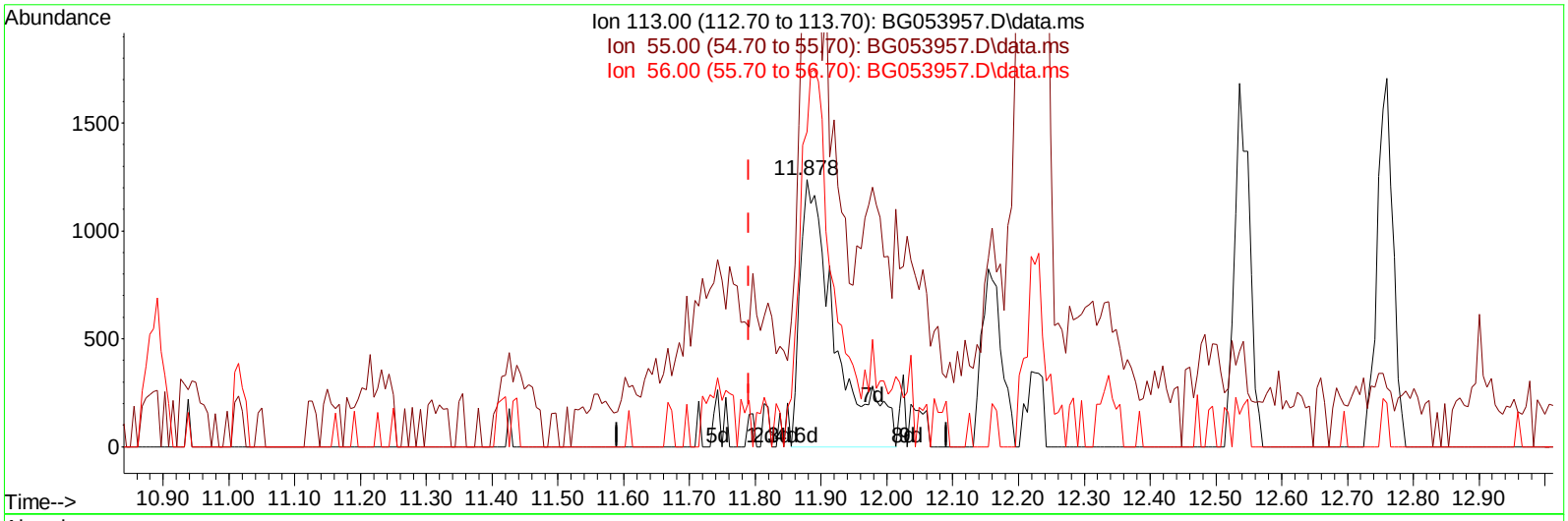

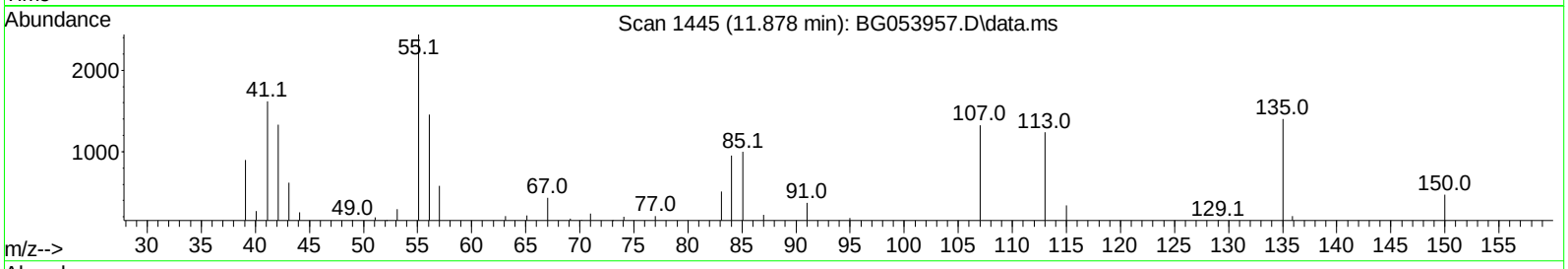

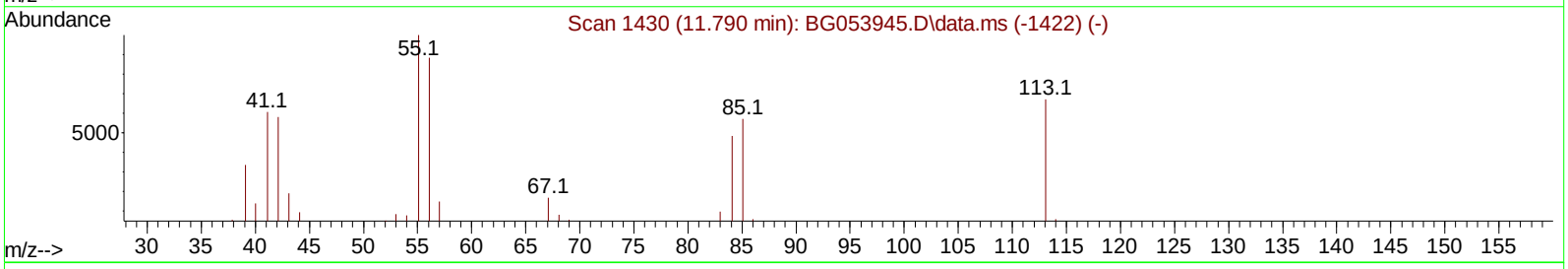

TIC: BG053957.D\data.ms

(34) Caprolactam

11.878min (+ 0.088) 10.66 ng/ul m

response 4589

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.70	197.25
56.00	159.50	118.03#
0.00	0.00	0.00

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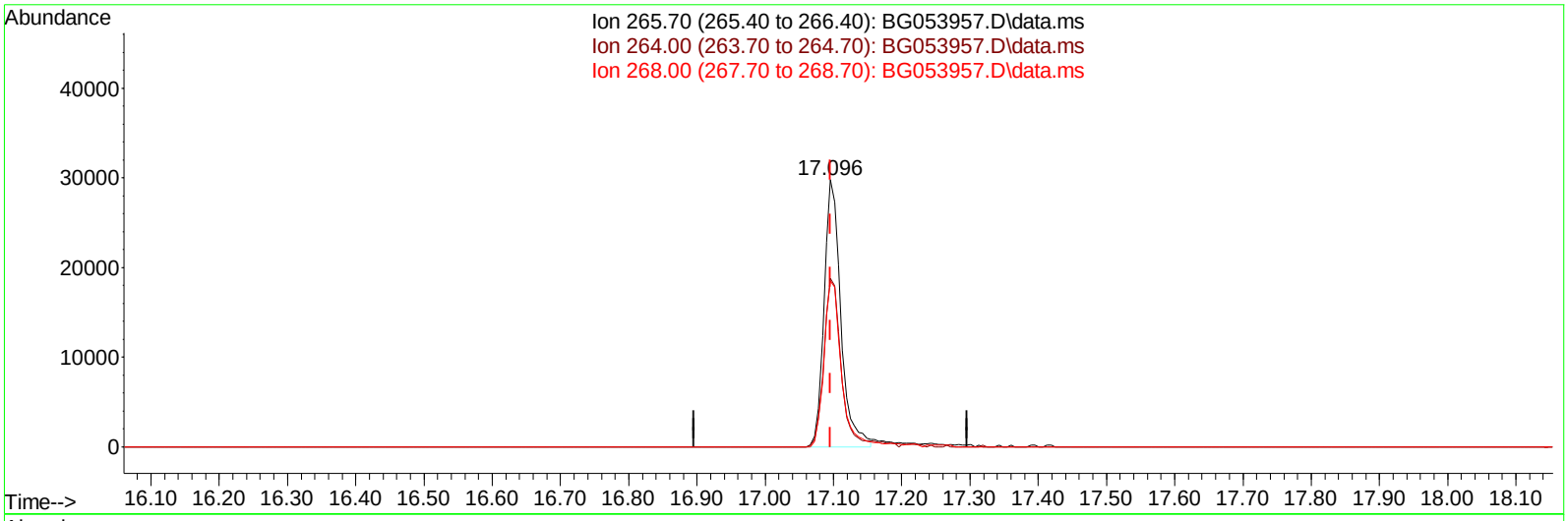

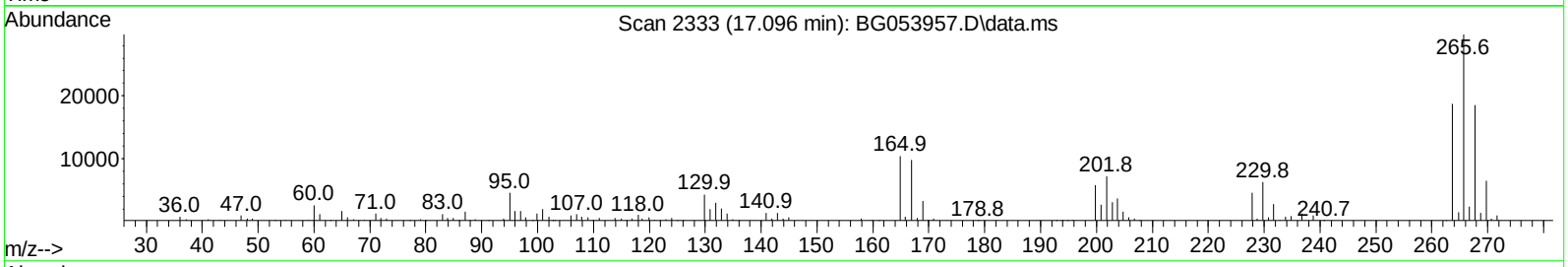

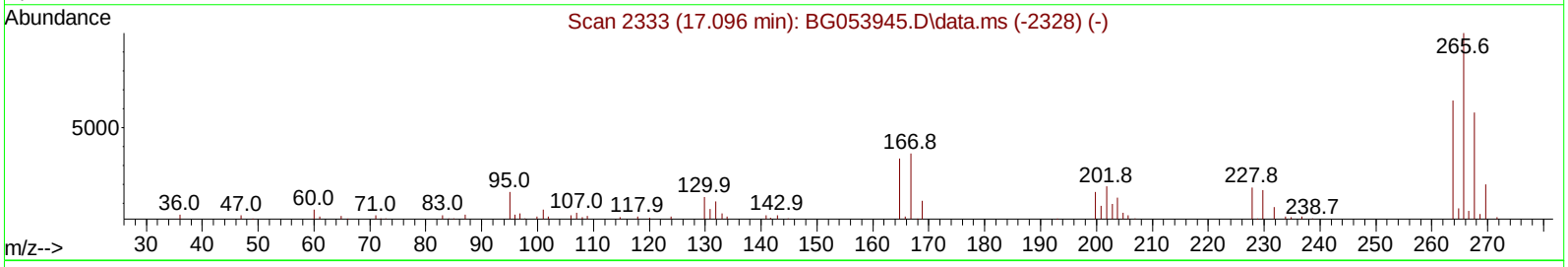

TIC: BG053957.D\data.ms

(71) Pentachlorophenol (C)

17.096min (-0.000) 49.96 ng/ul

response 51030

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.00	63.05
268.00	60.00	66.59
0.00	0.00	0.00

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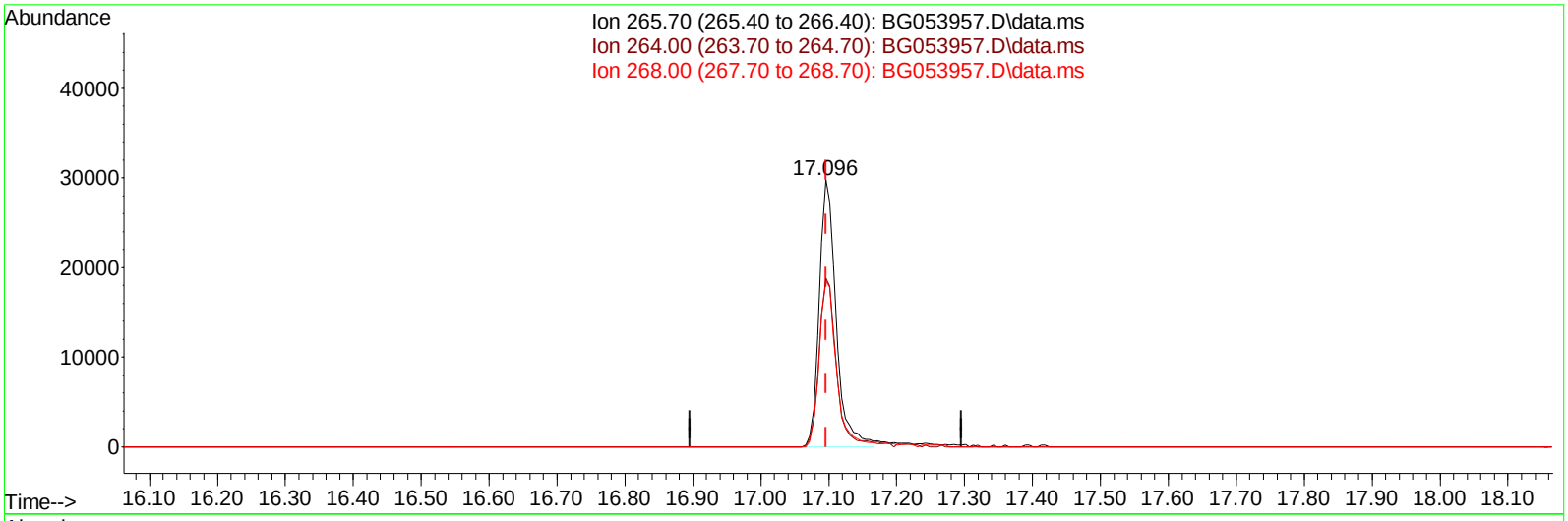

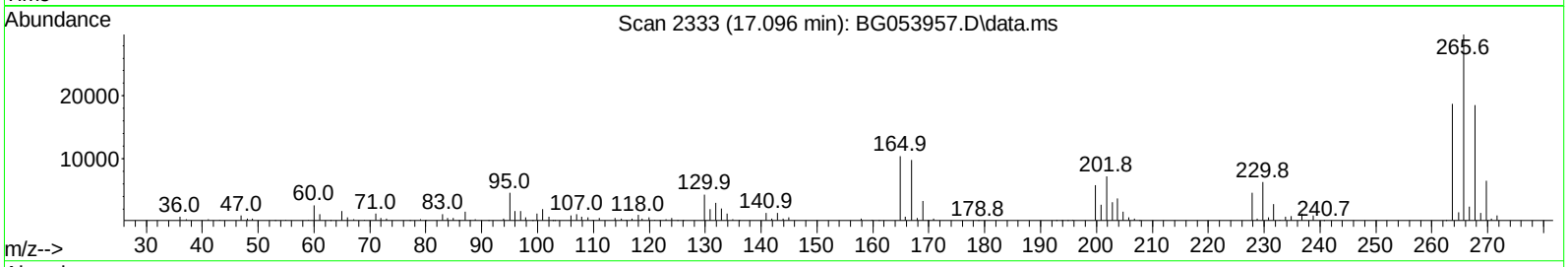

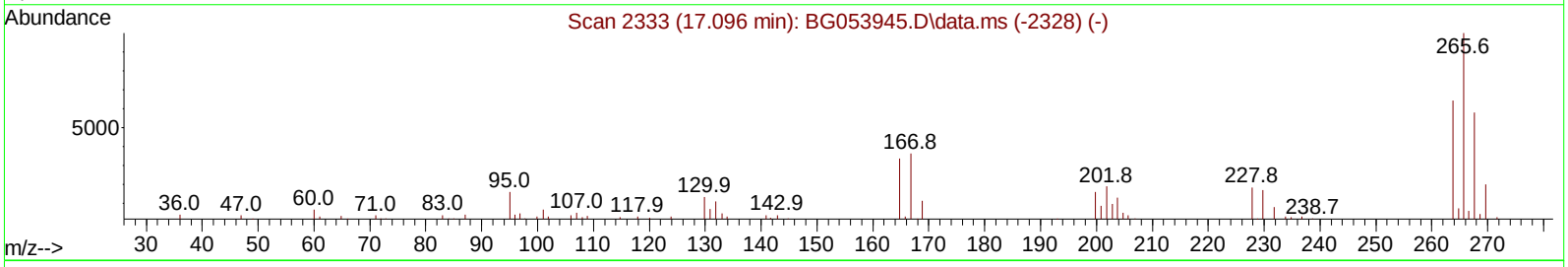

TIC: BG053957.D\data.ms

(71) Pentachlorophenol (C)

17.096min (-0.000) 50.44 ng/ul m

response 51525

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	71.00	63.05
268.00	60.00	62.16
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	8.077	152	20236	20.000	ng/ul	0.00
20) Naphthalene-d8	10.891	136	82683	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	62662	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.448	188	165527	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.725	240	185214	20.000	ng/ul	# 0.00
88) Perylene-d12	24.980	264	196327	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.500	96	2325	5.467	ng/uL	0.00
4) Pyridine-d5	3.917	84	15209	13.148	ng/ul	0.00
7) Phenol-d5	7.231	99	12688	8.752	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.401	67	29774	34.047	ng/ul	0.00
11) 2-Chlorophenol-d4	7.613	132	32196	27.850	ng/ul	0.00
15) 4-Methylphenol-d8	8.776	113	24682	19.968	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	20523	33.440	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	22977	35.236	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.503	165	47549	32.958	ng/ul	0.00
31) 4-Chloroaniline-d4	11.014	131	53082	29.124	ng/ul	0.00
46) Dimethylphthalate-d6	14.105	166	189488	38.439	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	188172	35.104	ng/ul	0.00
54) 4-Nitrophenol-d4	14.881	143	7038	10.427	ng/ul	0.00
60) Fluorene-d10	15.691	176	163475	36.919	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.803	200	38939	43.123	ng/ul	0.00
73) Anthracene-d10	17.548	188	288142	38.545	ng/ul	0.00
81) Pyrene-d10	19.828	212	383970	39.761	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.763	264	402797	40.645	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.541	88	2896	6.240	ng/uL	93
5) Pyridine	3.935	79	16888	14.077	ng/ul	99
6) Benzaldehyde	7.213	77	34811	47.154	ng/ul	97
8) Phenol	7.260	94	26420	17.466	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.489	93	39657	34.610	ng/ul	87
12) 2-Chlorophenol	7.642	128	34407	29.150	ng/ul	96
13) 2-Methylphenol	8.512	108	26980	22.977	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.606	45	59026	34.680	ng/ul	97
16) Acetophenone	8.899	105	67378	35.245	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.882	70	36069	37.012	ng/ul#	96
18) 4-Methylphenol	8.841	108	25989	20.689	ng/ul	99
19) Hexachloroethane	9.170	117	17054	34.097	ng/ul#	88
22) Nitrobenzene	9.281	77	51042	34.917	ng/ul	97
23) Isophorone	9.816	82	102784	36.265	ng/ul	96
25) 2-Nitrophenol	9.998	139	24113	35.265	ng/ul#	91
26) 2,4-Dimethylphenol	10.045	107	45597	30.539	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.286	93	56426	35.364	ng/ul	99
29) 2,4-Dichlorophenol	10.533	162	47237	32.741	ng/ul	96
30) Naphthalene	10.938	128	135807	33.111	ng/ul	97
32) 4-Chloroaniline	11.038	127	51421	28.451	ng/ul	100
33) Hexachlorobutadiene	11.232	225	45576	32.342	ng/ul	96
34) Caprolactam	11.878	113	4589m	10.659	ng/ul	
35) 4-Chloro-3-methylphenol	12.160	107	47213	34.029	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.542	142	99049	32.645 ng/ul	96
37) 1-Methylnaphthalene	12.759	142	102778	33.966 ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.906	216	85960	33.749 ng/ul	97
40) Hexachlorocyclopentadiene	12.889	237	37800	26.462 ng/ul	96
41) 2,4,6-Trichlorophenol	13.141	196	53675	40.603 ng/ul	93
42) 2,4,5-Trichlorophenol	13.212	196	57640	38.569 ng/ul	98
43) 1,1'-Biphenyl	13.541	154	153422	35.326 ng/ul	98
44) 2-Chloronaphthalene	13.582	162	125009	34.661 ng/ul	100
45) 2-Nitroaniline	13.776	65	38988	42.969 ng/ul	97
47) Dimethylphthalate	14.152	163	185226	39.093 ng/ul	100
48) 2,6-Dinitrotoluene	14.269	165	39972	41.948 ng/ul	94
50) Acenaphthylene	14.428	152	198727	36.106 ng/ul	98
51) 3-Nitroaniline	14.599	138	33124	42.821 ng/ul#	96
52) Acenaphthene	14.769	153	133755	36.392 ng/ul	100
53) 2,4-Dinitrophenol	14.804	184	22822	51.698 ng/ul#	64
55) 4-Nitrophenol	14.892	109	7304	11.039 ng/ul	84
56) Dibenzofuran	15.098	168	209384	37.232 ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	58515	42.333 ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.327	232	58469	45.024 ng/ul	92
59) Diethylphthalate	15.515	149	186270	40.095 ng/ul	97
61) Fluorene	15.750	166	174544	38.108 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.738	204	109182	37.490 ng/ul	93
63) 4-Nitroaniline	15.756	138	35430	47.633 ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.821	198	37692	43.485 ng/ul	98
67) N-Nitrosodiphenylamine	15.950	169	164357	40.615 ng/ul	98
68) 4-Bromophenyl-phenylether	16.631	248	82900	40.320 ng/ul	93
69) Hexachlorobenzene	16.755	284	96018	39.845 ng/ul#	91
70) Atrazine	16.896	200	77003	38.741 ng/ul	98
71) Pentachlorophenol	17.096	266	51525m	50.445 ng/ul	
72) Phenanthrene	17.489	178	328645	40.075 ng/ul	98
74) Anthracene	17.583	178	323320	39.120 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.506	216	96407	34.195 ng/uL	95
76) Pentachlorobenzene	15.022	250	99353	38.316 ng/uL	100
77) Carbazole	17.848	167	281162	41.262 ng/ul	99
78) Di-n-butylphthalate	18.406	149	328212	42.306 ng/ul	99
80) Fluoranthene	19.493	202	438756	40.699 ng/ul#	94
82) Pyrene	19.857	202	426719	39.813 ng/ul#	95
83) Butylbenzylphthalate	20.738	149	143359	44.383 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.614	252	68302	17.820 ng/ul#	97
85) Benzo(a)anthracene	21.702	228	466759	40.885 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.608	149	209200	44.323 ng/ul	97
87) Chrysene	21.772	228	449866	41.075 ng/ul	99
89) Di-n-octyl phthalate	22.836	149	360711	42.780 ng/ul	100
90) Benzo(b)fluoranthene	23.946	252	508962	41.984 ng/ul#	97
91) Benzo(k)fluoranthene	24.017	252	464014	39.974 ng/ul#	98
93) Benzo(a)pyrene	24.834	252	475324	40.703 ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.711	276	590833	42.053 ng/ul#	97
95) Dibenzo(a,h)anthracene	28.776	278	501955	42.453 ng/ul#	97
96) Benzo(g,h,i)perylene	29.881	276	502031	42.320 ng/ul#	96

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

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