Quantitation Report (Qedit)

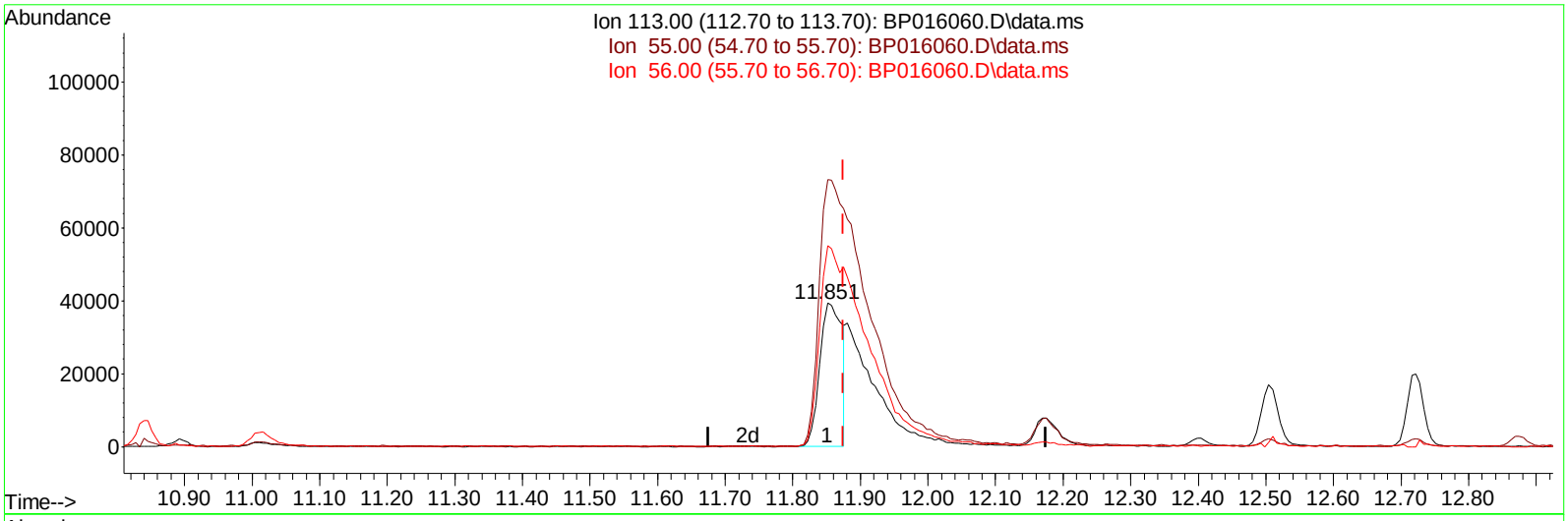
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016060.D
Acq On : 07 Jul 2023 07:41
Operator : MA/JU
Sample : PB153637BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

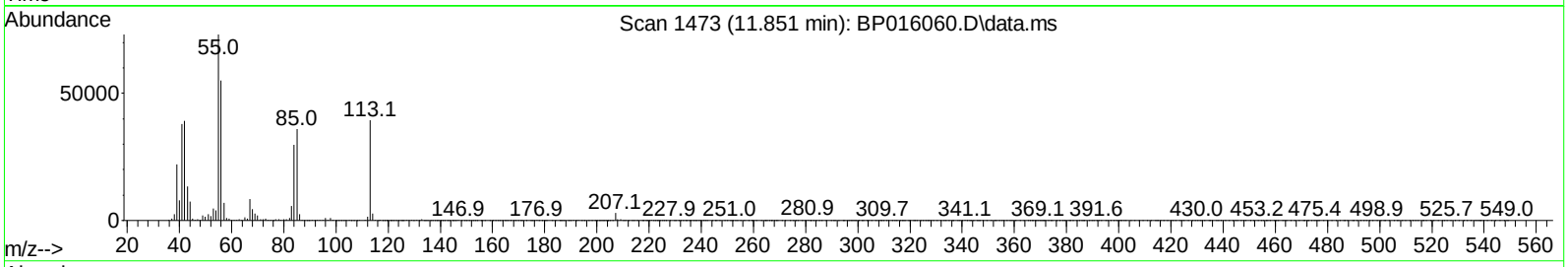
Quant Time: Jul 07 08:18:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

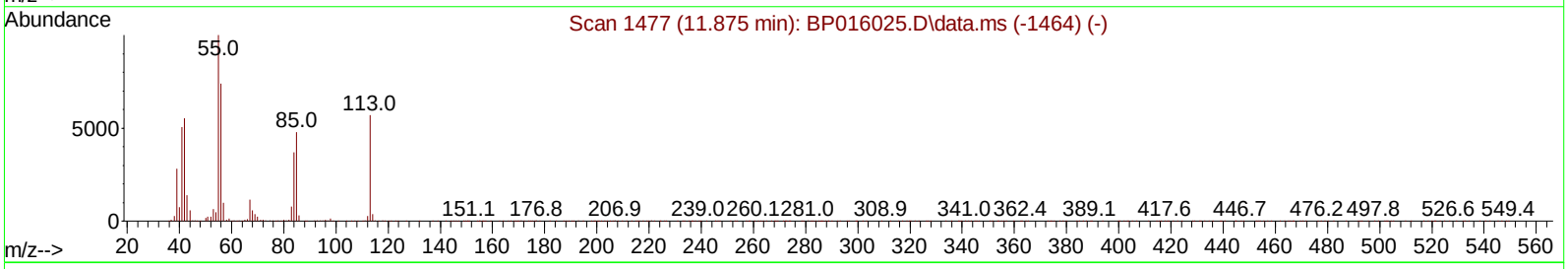
Instrument :
BNA_P
ClientSampleId :
SLCS637

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023







TIC: BP016060.D\data.ms

(34) Caprolactam

11.851min (-0.024) 20.34 ng/ul

response 89885

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	185.60
56.00	146.10	139.62
0.00	0.00	0.00

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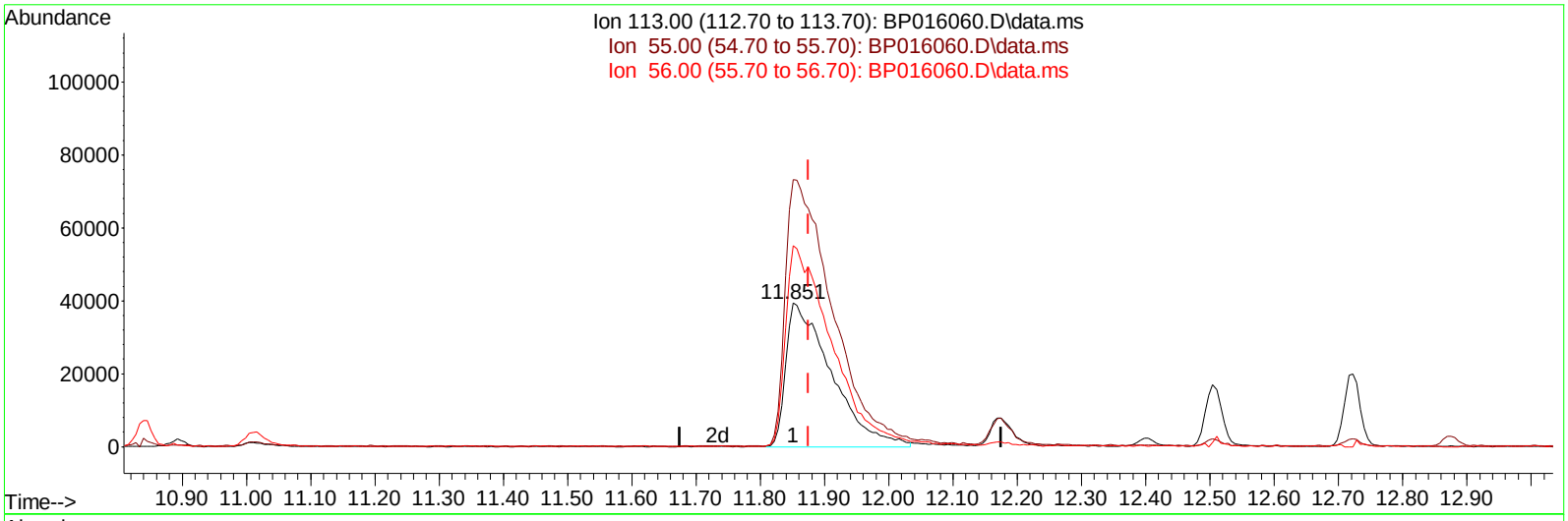

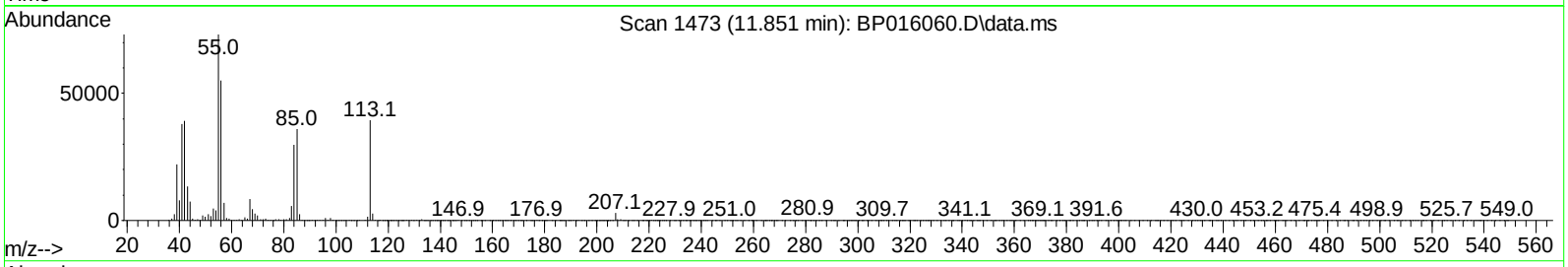

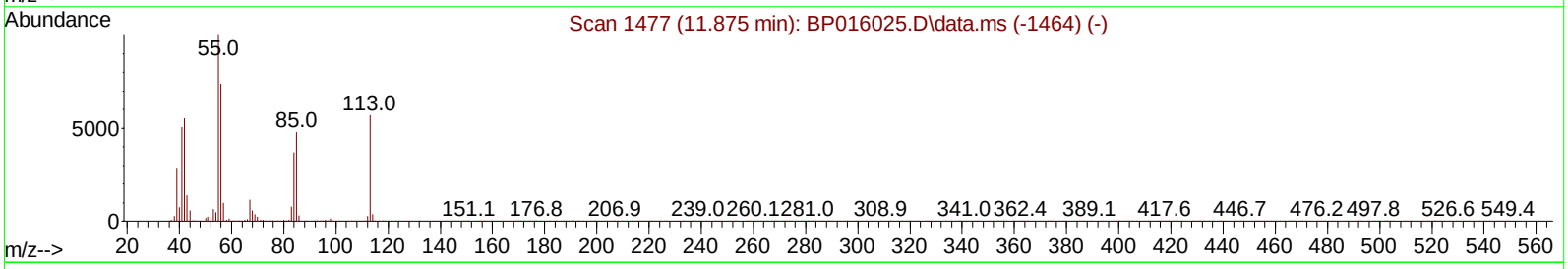

TIC: BP016060.D\data.ms

(34) Caprolactam

11.851min (-0.024) 43.77 ng/ul m

response 193380

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	185.60
56.00	146.10	139.62
0.00	0.00	0.00

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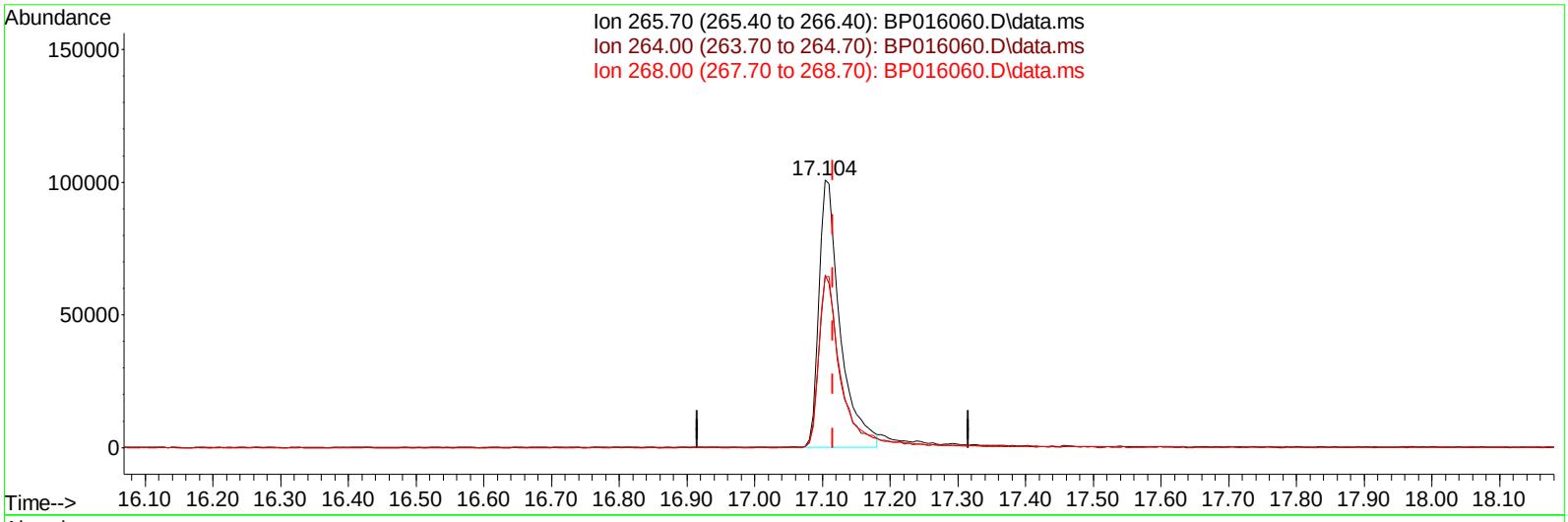

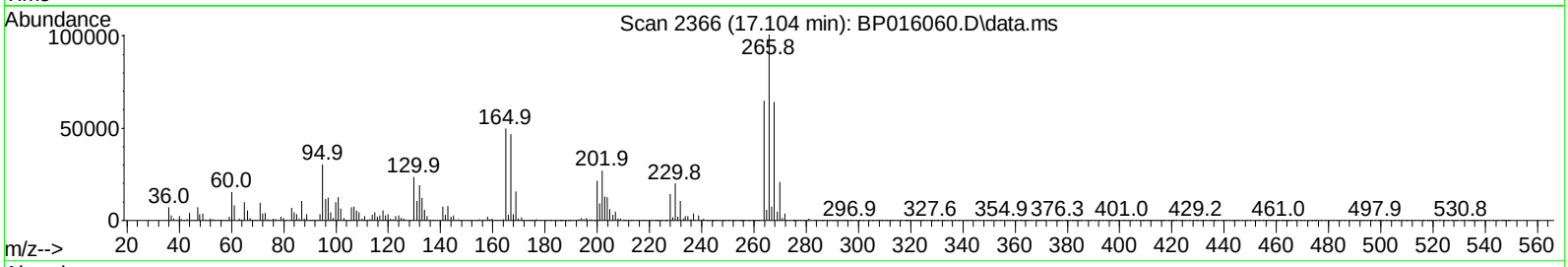

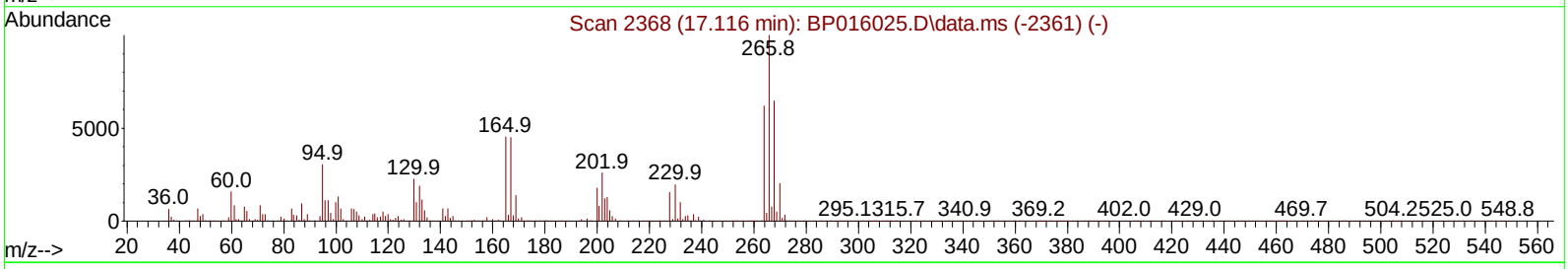

TIC: BP016060.D\data.ms

(71) Pentachlorophenol (C)

17.104min (-0.012) 26.10 ng/ul

response 218885

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	66.80	64.59
268.00	64.30	63.85
0.00	0.00	0.00

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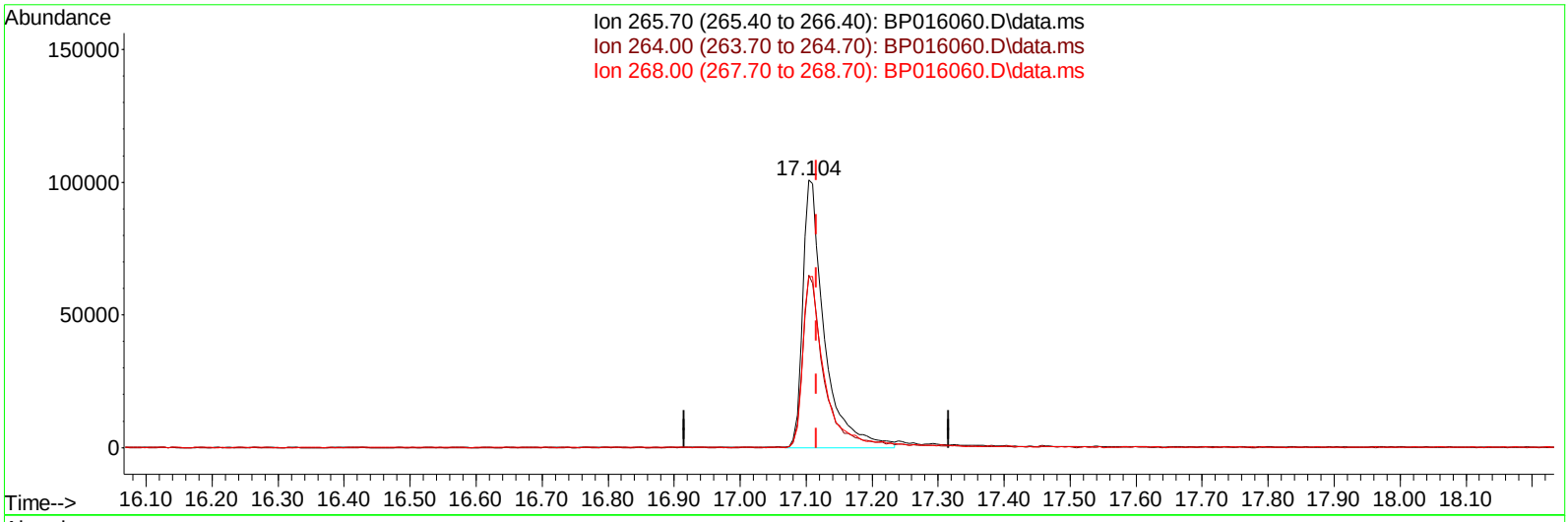

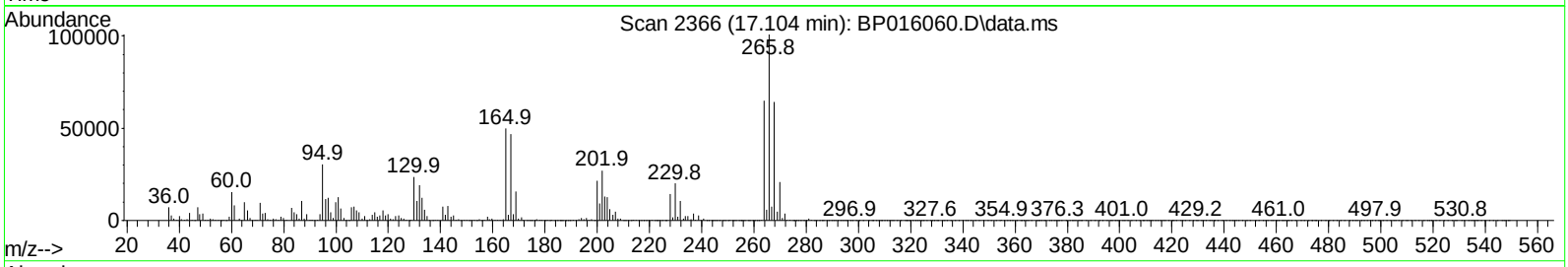

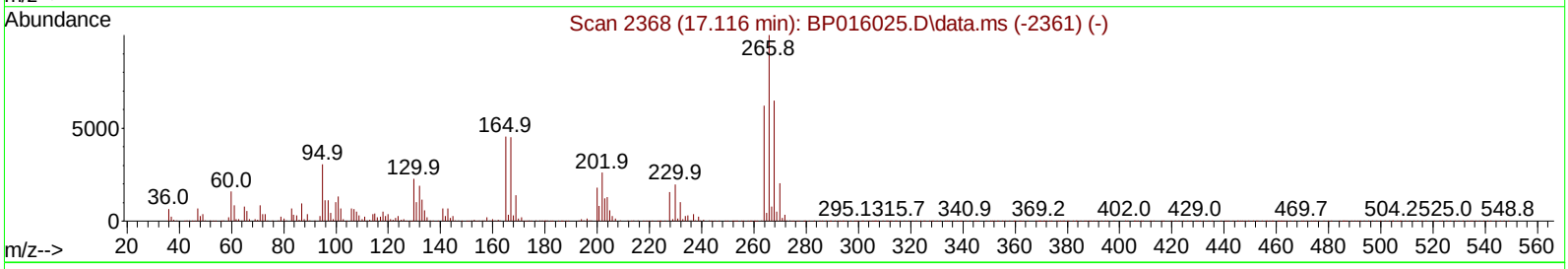

TIC: BP016060.D\data.ms

(71) Pentachlorophenol (C)

17.104min (-0.012) 27.45 ng/ul m

response 230226

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	66.80	64.59
268.00	64.30	63.85
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	8.022	152	199236	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	914023	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.669	164	585370	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.433	188	1296935	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.533	240	1199023	20.000	ng/ul	0.00
88) Perylene-d12	24.074	264	1278557	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	35155	6.348	ng/uL	0.00
4) Pyridine-d5	3.793	84	473494	33.920	ng/ul	-0.01
7) Phenol-d5	7.205	99	658604	38.635	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.346	67	434437	41.192	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.552	132	505375	39.273	ng/ul	-0.01
15) 4-Methylphenol-d8	8.757	113	540976	40.171	ng/ul	-0.01
21) Nitrobenzene-d5	9.210	128	259928	37.211	ng/ul	0.00
24) 2-Nitrophenol-d4	9.934	143	294040	36.067	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.493	165	516937	35.582	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.010	131	703831	37.713	ng/ul	-0.01
46) Dimethylphthalate-d6	14.081	166	1696082	37.487	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1882966	37.022	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	205642	34.442	ng/ul	-0.02
60) Fluorene-d10	15.669	176	1382106	37.099	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	288582	36.181	ng/ul	-0.01
73) Anthracene-d10	17.539	188	2173008	36.680	ng/ul	0.00
81) Pyrene-d10	19.769	212	2610536	33.343	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.904	264	2481217	38.471	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	74273	12.463	ng/uL	96
5) Pyridine	3.816	79	468541	32.085	ng/ul	98
6) Benzaldehyde	7.169	77	396486	57.528	ng/ul	96
8) Phenol	7.234	94	701168	39.636	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.440	93	558292	39.666	ng/ul	97
12) 2-Chlorophenol	7.587	128	511855	37.440	ng/ul	98
13) 2-Methylphenol	8.487	108	526574	39.425	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.546	45	848173	44.121	ng/ul	99
16) Acetophenone	8.869	105	879330	39.721	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.840	70	487083	39.616	ng/ul	98
18) 4-Methylphenol	8.828	108	576297	40.159	ng/ul	100
19) Hexachloroethane	9.093	117	221802	35.128	ng/ul	92
22) Nitrobenzene	9.252	77	709843	36.187	ng/ul	97
23) Isophorone	9.775	82	1392533	37.096	ng/ul	99
25) 2-Nitrophenol	9.969	139	307450	35.534	ng/ul	94
26) 2,4-Dimethylphenol	10.028	107	634026	33.334	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.251	93	823931	38.881	ng/ul	98
29) 2,4-Dichlorophenol	10.522	162	508936	35.236	ng/ul	100
30) Naphthalene	10.893	128	1744786	35.115	ng/ul	100
32) 4-Chloroaniline	11.040	127	628090	32.393	ng/ul	97
33) Hexachlorobutadiene	11.151	225	317238	29.084	ng/ul	99
34) Caprolactam	11.851	113	193380m	43.770	ng/ul	
35) 4-Chloro-3-methylphenol	12.169	107	627850	37.136	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	12.504	142	1166963	35.676	ng/ul	97
37) 1-Methylnaphthalene	12.722	142	1196206	35.849	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	620389	32.161	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	166588	28.867	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	396929	32.560	ng/ul	99
42) 2,4,5-Trichlorophenol	13.222	196	448499	34.685	ng/ul	100
43) 1,1'-Biphenyl	13.504	154	1604068	34.597	ng/ul#	98
44) 2-Chloronaphthalene	13.557	162	1239817	33.944	ng/ul	98
45) 2-Nitroaniline	13.792	65	460465	40.066	ng/ul	96
47) Dimethylphthalate	14.128	163	1664736	35.553	ng/ul	98
48) 2,6-Dinitrotoluene	14.281	165	353271	37.194	ng/ul	98
50) Acenaphthylene	14.398	152	1991128	35.529	ng/ul	100
51) 3-Nitroaniline	14.628	138	345956	46.448	ng/ul	95
52) Acenaphthene	14.734	153	1381658	35.553	ng/ul	98
53) 2,4-Dinitrophenol	14.869	184	164313	32.607	ng/ul	85
55) 4-Nitrophenol	14.957	109	236212	38.177	ng/ul	82
56) Dibenzofuran	15.075	168	1906558	35.341	ng/ul	98
57) 2,4-Dinitrotoluene	15.086	165	506766	39.153	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.322	232	357830	32.218	ng/ul	99
59) Diethylphthalate	15.486	149	1738107	36.681	ng/ul	98
61) Fluorene	15.728	166	1571441	35.912	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.710	204	760299	33.957	ng/ul	95
63) 4-Nitroaniline	15.804	138	331069	64.944	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.857	198	279271	34.606	ng/ul	99
67) N-Nitrosodiphenylamine	15.934	169	1341862	34.561	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	477180	32.220	ng/ul	90
69) Hexachlorobenzene	16.739	284	565312	32.350	ng/ul	97
70) Atrazine	16.898	200	208979	14.061	ng/ul	99
71) Pentachlorophenol	17.104	266	230226m	27.450	ng/ul	
72) Phenanthrene	17.480	178	2557851	36.304	ng/ul	100
74) Anthracene	17.575	178	2589836	36.581	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	635021	30.090	ng/uL	99
76) Pentachlorobenzene	14.992	250	642900	30.184	ng/uL	99
77) Carbazole	17.863	167	2348707	39.361	ng/ul	99
78) Di-n-butylphthalate	18.363	149	3086982	39.022	ng/ul	100
80) Fluoranthene	19.445	202	3070876	31.560	ng/ul#	93
82) Pyrene	19.804	202	3193428	32.173	ng/ul#	92
83) Butylbenzylphthalate	20.639	149	1464022	36.154	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.445	252	1070116	39.481	ng/ul	98
85) Benzo(a)anthracene	21.510	228	2984376	35.383	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	2131764	38.306	ng/ul	99
87) Chrysene	21.574	228	3004403	37.544	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	3626815	38.815	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	3038226	36.983	ng/ul	98
91) Benzo(k)fluoranthene	23.333	252	3021850	36.406	ng/ul#	97
93) Benzo(a)pyrene	23.957	252	2660078	37.057	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.762	276	3091774	31.727	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.762	278	2547397	31.826	ng/ul#	95
96) Benzo(g,h,i)perylene	27.609	276	2409862	30.060	ng/ul	96

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

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