Quantitation Report (Qedit)

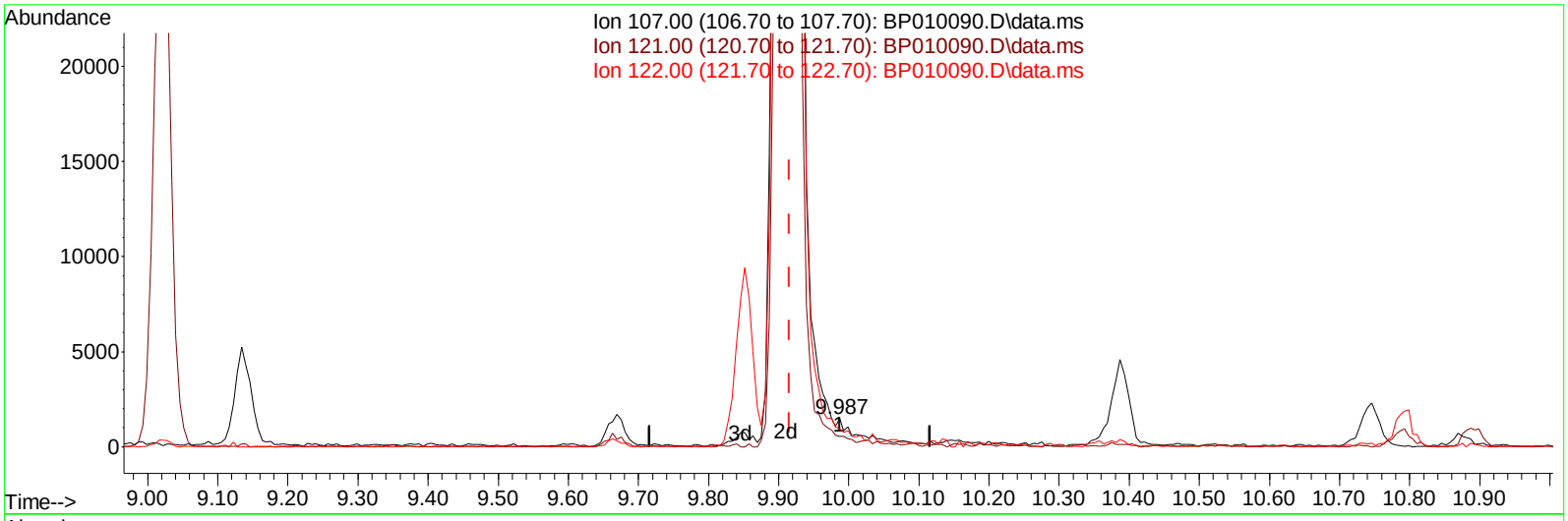
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042522\
Data File : BP010090.D
Acq On : 25 Apr 2022 19:21
Operator : CG/JU
Sample : PB144309BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

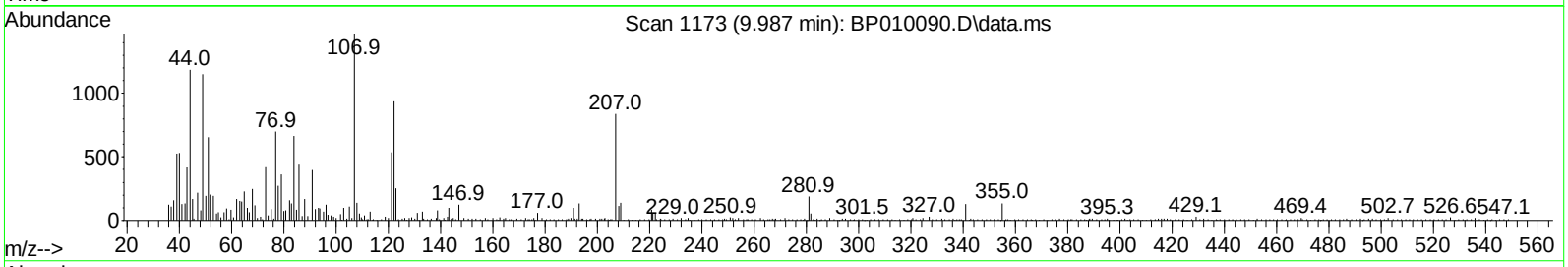
Quant Time: Apr 26 01:04:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 21 14:49:38 2022
Response via : Initial Calibration

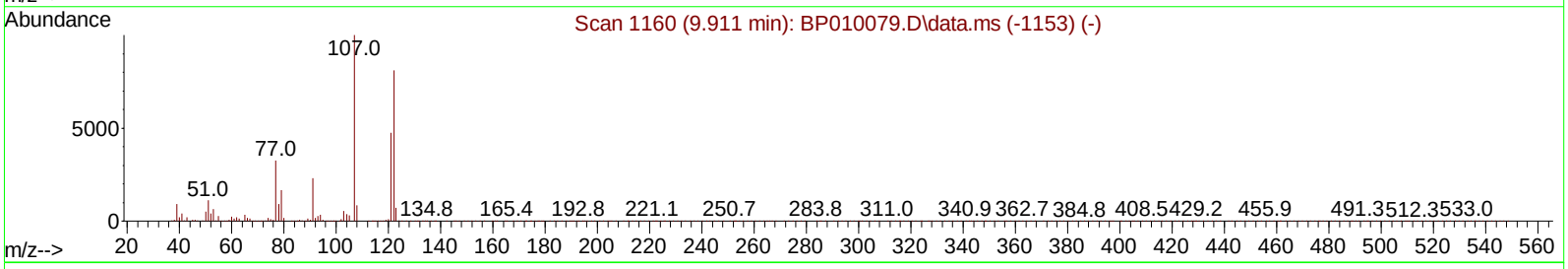
Instrument :
BNA_P
ClientSampleId :
SLCS309

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/26/2022
Supervised By :Yogesh Patel 04/28/2022







TIC: BP010090.D\data.ms

(26) 2,4-Dimethylphenol

9.987min (+ 0.071) 0.04 ng/ul

response 621

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	42.60	36.77
122.00	57.90	63.91
0.00	0.00	0.00

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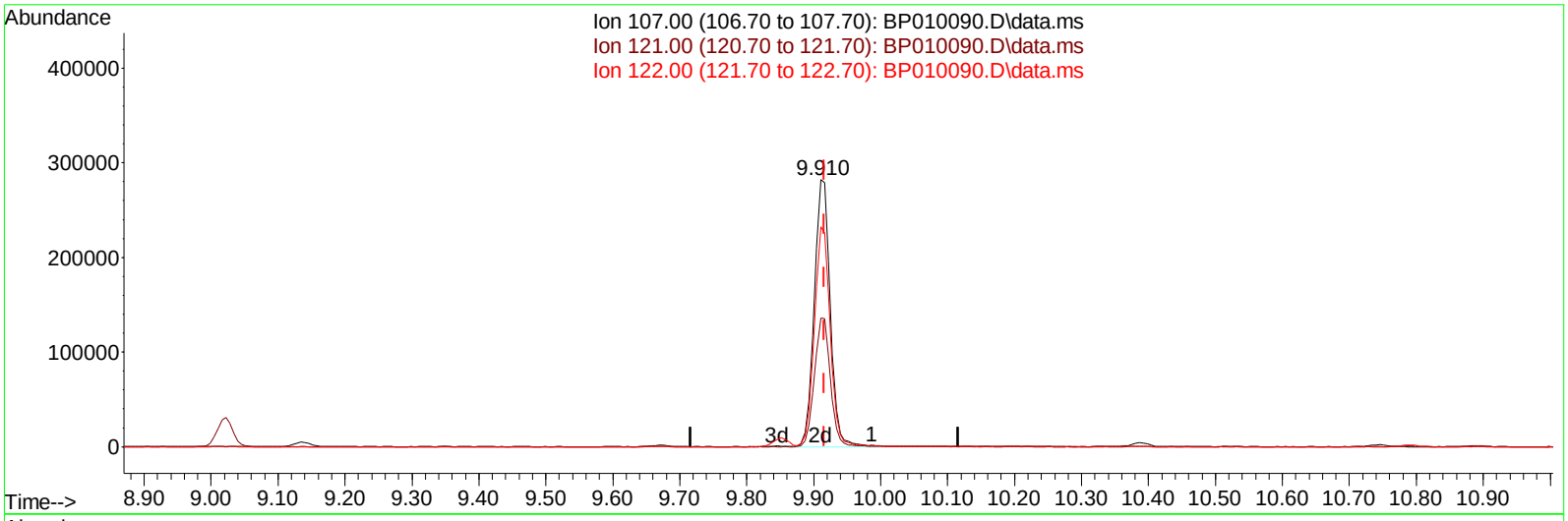

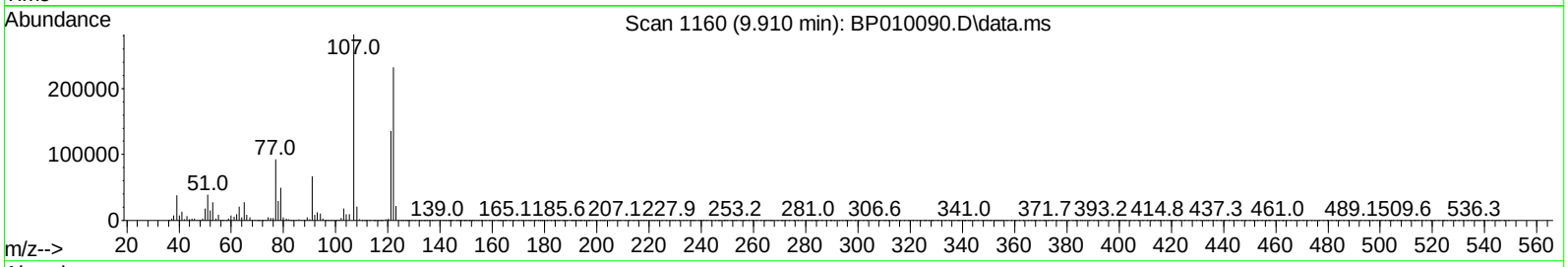

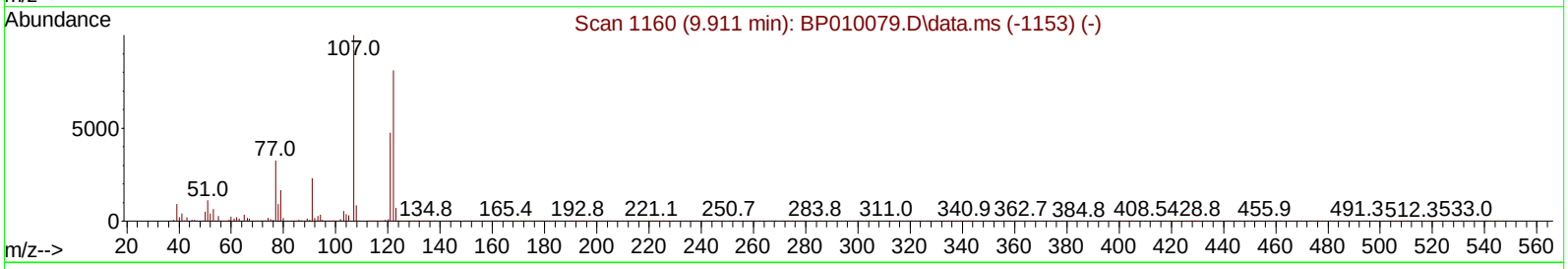

TIC: BP010090.D\data.ms

(26) 2,4-Dimethylphenol

9.910min (-0.006) 31.39 ng/ul m

response 469215

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	42.60	48.28
122.00	57.90	82.46#
0.00	0.00	0.00

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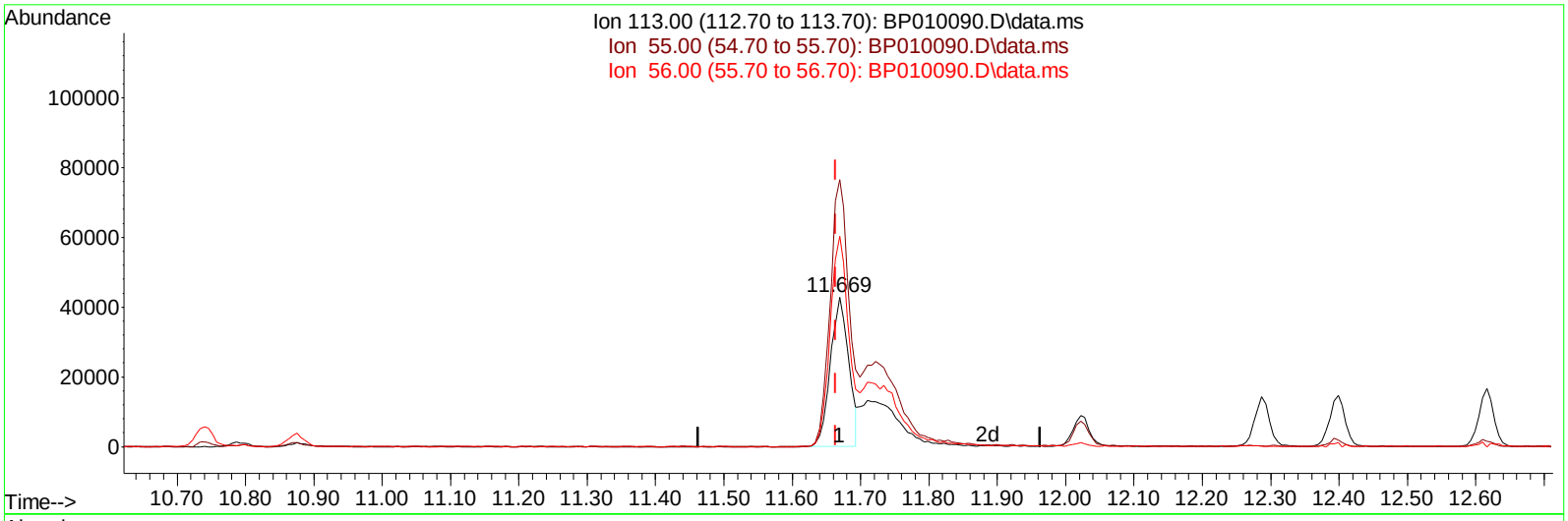

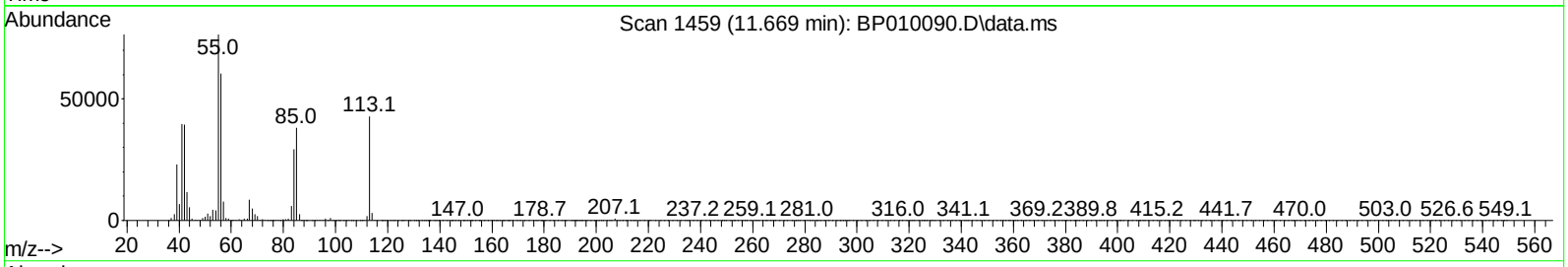

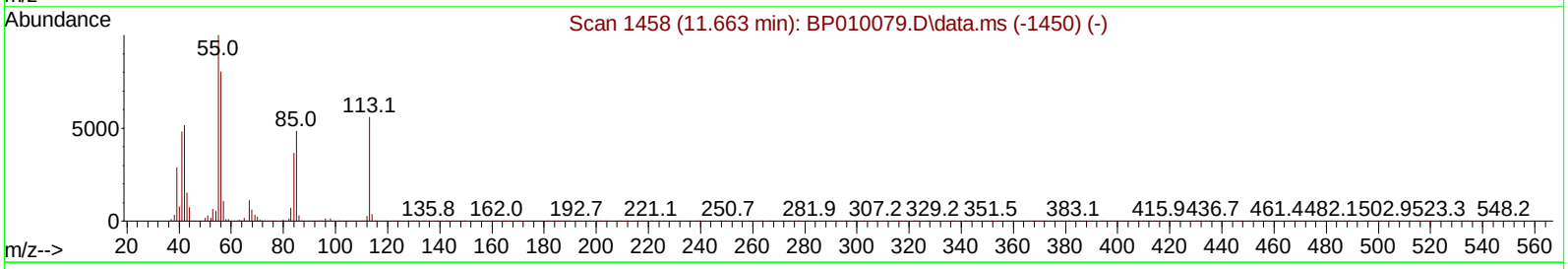

TIC: BP010090.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 18.32 ng/ul

response 80392

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	178.24#
56.00	85.80	140.77#
0.00	0.00	0.00

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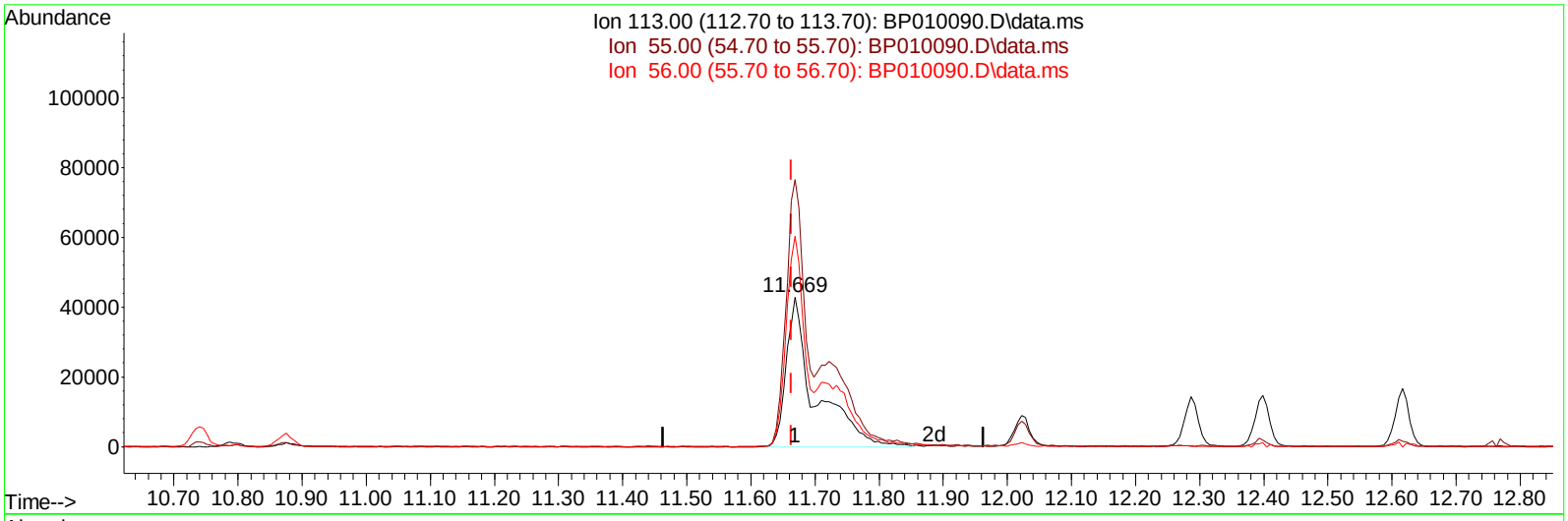

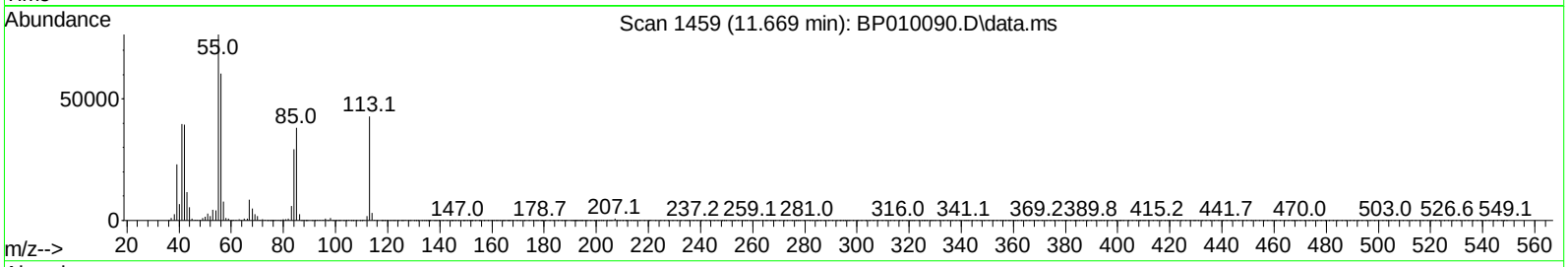

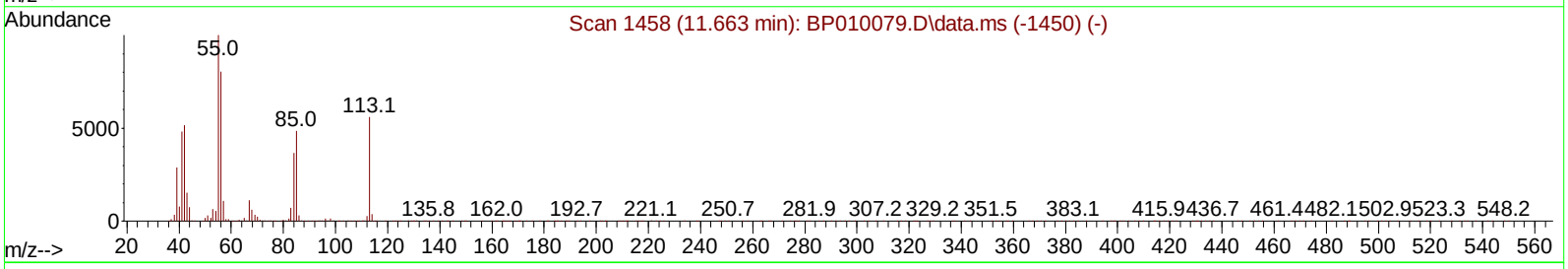

TIC: BP010090.D\data.ms

(34) Caprolactam

11.669min (+ 0.006) 30.55 ng/ul m

response 134026

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	72.70	178.24#
56.00	85.80	140.77#
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	7.934	152	176524	20.000	ng/ul		0.00
20) Naphthalene-d8	10.740	136	750395	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.569	164	518190	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.322	188	1123881	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.404	240	1013984	20.000	ng/ul	#	0.00
88) Perylene-d12	23.857	264	846672	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.364	96	25107	6.202	ng/uL		0.00
4) Pyridine-d5	3.781	84	321259	28.210	ng/ul		0.00
7) Phenol-d5	7.099	99	466491	29.053	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	305952	31.756	ng/ul		0.00
11) 2-Chlorophenol-d4	7.463	132	376260	31.642	ng/ul		0.00
15) 4-Methylphenol-d8	8.646	113	400135	30.078	ng/ul		0.00
21) Nitrobenzene-d5	9.093	128	196579	32.938	ng/ul		0.00
24) 2-Nitrophenol-d4	9.822	143	216614	33.233	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.357	165	394240	31.069	ng/ul		0.00
31) 4-Chloroaniline-d4	10.875	131	466545	25.642	ng/ul		0.00
46) Dimethylphthalate-d6	13.975	166	1309971	32.498	ng/ul		0.00
49) Acenaphthylene-d8	14.263	160	1493917	30.622	ng/ul		0.00
54) 4-Nitrophenol-d4	14.763	143	218117	29.393	ng/ul		0.00
60) Fluorene-d10	15.563	176	1105146	31.872	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	238452	33.554	ng/ul		0.00
73) Anthracene-d10	17.422	188	1727581	31.773	ng/ul		0.00
81) Pyrene-d10	19.651	212	2017496	34.986	ng/ul		0.00
92) Benzo(a)pyrene-d12	23.698	264	1498763	33.766	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	50565	12.020	ng/uL	#	20
5) Pyridine	3.799	79	341020	28.808	ng/ul	#	45
6) Benzaldehyde	7.069	77	326663	38.070	ng/ul		97
8) Phenol	7.122	94	490873	30.426	ng/ul	#	93
10) Bis(2-Chloroethyl)ether	7.352	93	388386	31.247	ng/ul	#	78
12) 2-Chlorophenol	7.499	128	377515	31.474	ng/ul		94
13) 2-Methylphenol	8.375	108	375622	30.358	ng/ul		99
14) 2,2'-oxybis(1-Chloropr...	8.463	45	584120	31.670	ng/ul	#	83
16) Acetophenone	8.758	105	611195	29.447	ng/ul	#	80
17) N-Nitroso-di-n-propyla...	8.746	70	331971	30.527	ng/ul	#	75
18) 4-Methylphenol	8.710	108	411522	30.207	ng/ul		94
19) Hexachloroethane	9.022	117	160113	31.768	ng/ul	#	82
22) Nitrobenzene	9.134	77	476339	32.576	ng/ul	#	84
23) Isophorone	9.669	82	923808	31.986	ng/ul		96
25) 2-Nitrophenol	9.852	139	228835	33.148	ng/ul	#	85
26) 2,4-Dimethylphenol	9.910	107	469215m	31.394	ng/ul		
27) Bis(2-Chloroethoxy)met...	10.146	93	550223	32.503	ng/ul	#	97
29) 2,4-Dichlorophenol	10.387	162	393940	32.296	ng/ul	#	86
30) Naphthalene	10.793	128	1263060	32.159	ng/ul		97
32) 4-Chloroaniline	10.899	127	459826	25.647	ng/ul		99
33) Hexachlorobutadiene	11.087	225	277354	32.083	ng/ul		95
34) Caprolactam	11.669	113	134026m	30.546	ng/ul		
35) 4-Chloro-3-methylphenol	12.022	107	464530	31.525	ng/ul	#	70

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.399	142	890636	31.268	ng/ul	89
37) 1-Methylnaphthalene	12.616	142	913267	31.577	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	12.769	216	517518	32.325	ng/ul	92
40) Hexachlorocyclopentadiene	12.751	237	317288	35.167	ng/ul	96
41) 2,4,6-Trichlorophenol	13.004	196	337903	32.621	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.075	196	364653	32.355	ng/ul#	87
43) 1,1'-Biphenyl	13.404	154	1240227	32.450	ng/ul	93
44) 2-Chloronaphthalene	13.446	162	954619	32.276	ng/ul	94
45) 2-Nitroaniline	13.646	65	316120	32.961	ng/ul#	83
47) Dimethylphthalate	14.022	163	1260165	32.167	ng/ul#	92
48) 2,6-Dinitrotoluene	14.140	165	272033	33.837	ng/ul	92
50) Acenaphthylene	14.287	152	1561543	32.314	ng/ul	95
51) 3-Nitroaniline	14.469	138	234027	32.134	ng/ul#	79
52) Acenaphthene	14.634	153	1012402	32.219	ng/ul	98
53) 2,4-Dinitrophenol	14.675	184	139963	31.155	ng/ul#	81
55) 4-Nitrophenol	14.775	109	185589	28.786	ng/ul#	44
56) Dibenzofuran	14.969	168	1468884	31.569	ng/ul	99
57) 2,4-Dinitrotoluene	14.928	165	389222	33.140	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.193	232	321554	32.097	ng/ul#	88
59) Diethylphthalate	15.387	149	1309364	32.860	ng/ul	93
61) Fluorene	15.616	166	1217348	31.866	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.610	204	640402	31.853	ng/ul	98
63) 4-Nitroaniline	15.634	138	264418	37.312	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.692	198	228328	33.302	ng/ul#	89
67) N-Nitrosodiphenylamine	15.822	169	1062770	32.957	ng/ul	94
68) 4-Bromophenyl-phenylether	16.504	248	394043	32.870	ng/ul	95
69) Hexachlorobenzene	16.628	284	453203	32.570	ng/ul#	90
70) Atrazine	16.781	200	429462	32.758	ng/ul#	89
71) Pentachlorophenol	16.969	266	269260	30.385	ng/ul#	84
72) Phenanthrene	17.363	178	1944815	31.837	ng/ul	99
74) Anthracene	17.457	178	1951085	31.711	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.369	216	534684	32.588	ng/uL#	87
76) Pentachlorobenzene	14.893	250	514848	31.999	ng/uL	91
77) Carbazole	17.722	167	1709176	31.392	ng/ul#	95
78) Di-n-butylphthalate	18.275	149	2265733	33.825	ng/ul#	93
80) Fluoranthene	19.328	202	2307324	35.474	ng/ul#	96
82) Pyrene	19.680	202	2362128	35.249	ng/ul#	95
83) Butylbenzylphthalate	20.545	149	976243	35.244	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.316	252	632428	34.663	ng/ul#	97
85) Benzo(a)anthracene	21.386	228	2113335	32.841	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.310	149	1432106	34.883	ng/ul#	82
87) Chrysene	21.445	228	2098496	33.119	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2327473	35.361	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1959924	34.433	ng/ul	99
91) Benzo(k)fluoranthene	23.157	252	1836645	34.064	ng/ul#	98
93) Benzo(a)pyrene	23.751	252	1787711	33.964	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.421	276	1675437	31.998	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.433	278	1433180	31.988	ng/ul#	95
96) Benzo(g,h,i)perylene	27.204	276	1370034	31.009	ng/ul#	92

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

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