Quantitation Report (Qedit)

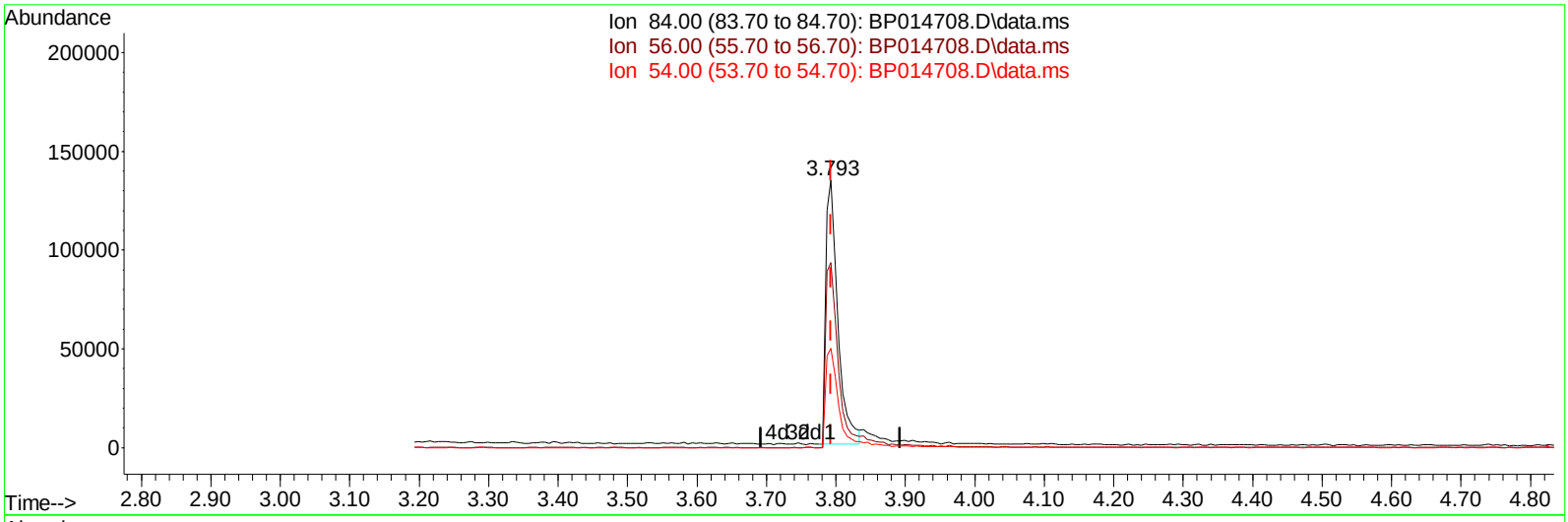
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041223\
Data File : BP014708.D
Acq On : 13 Apr 2023 12:11
Operator : CG/JU
Sample : PB152086BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

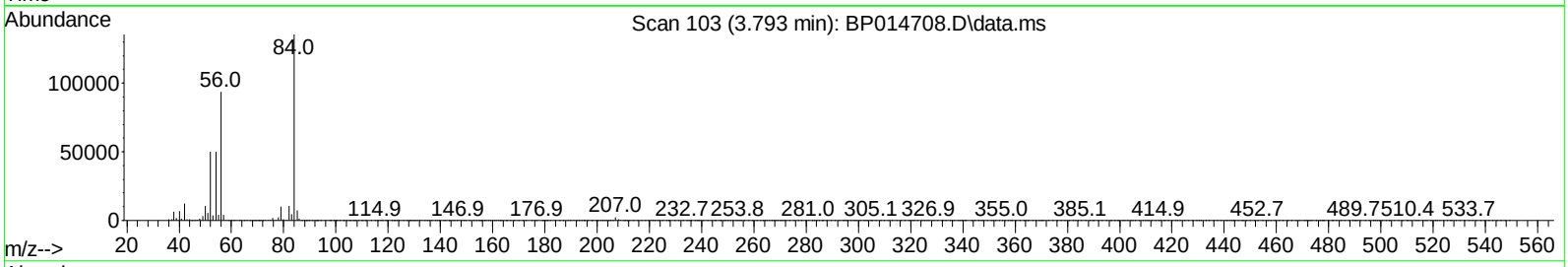
Quant Time: Apr 14 00:55:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 13 02:01:50 2023
Response via : Initial Calibration

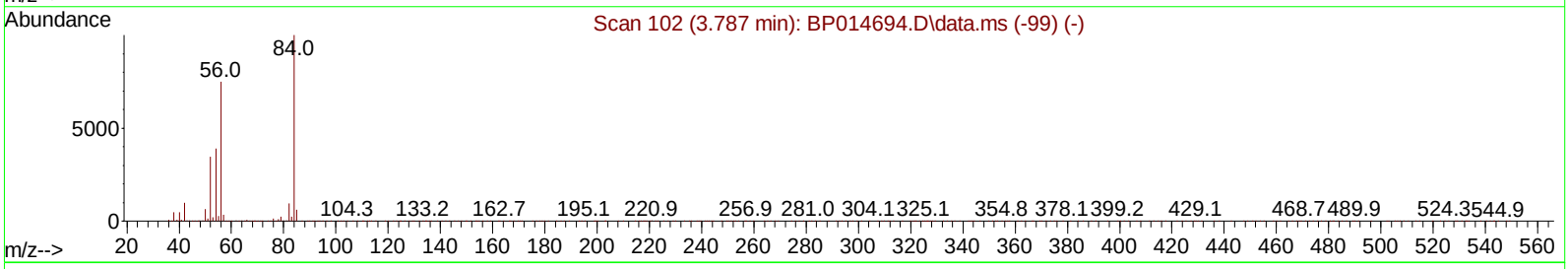
Instrument :
BNA_P
ClientSampleId :
SLCS086

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023







TIC: BP014708.D\data.ms

(4) Pyridine-d5 (S)

3.793min (-0.000) 28.63 ng/ul

response 161427

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	65.70	69.28
54.00	32.60	37.06
0.00	0.00	0.00

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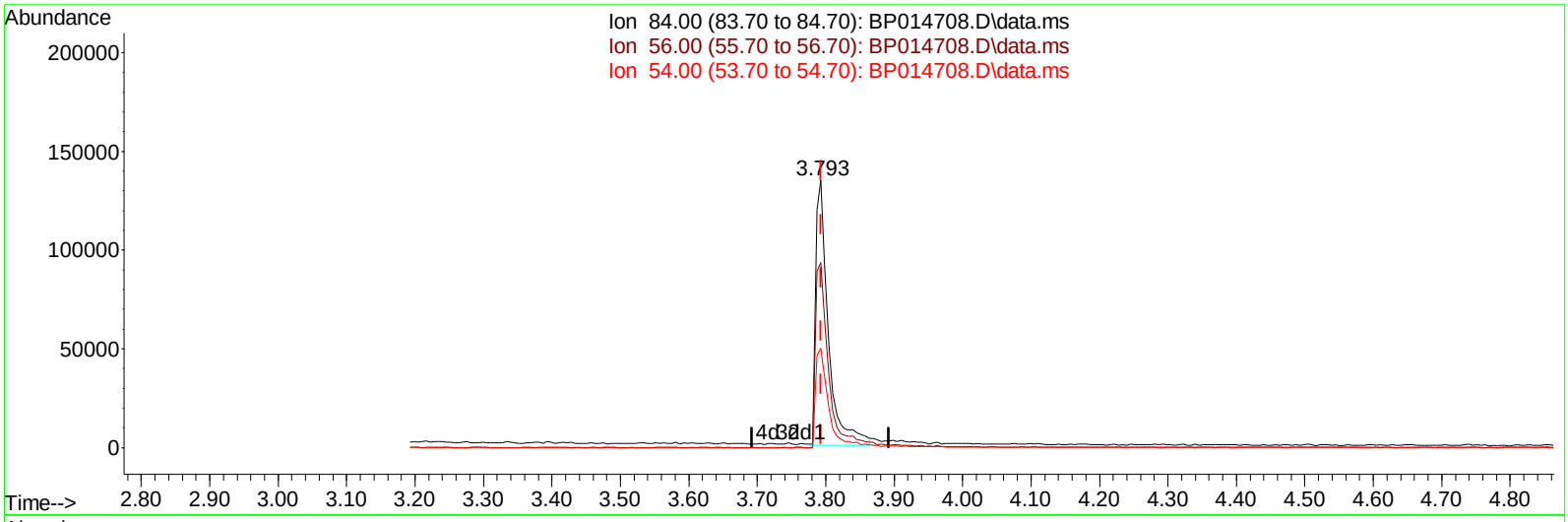

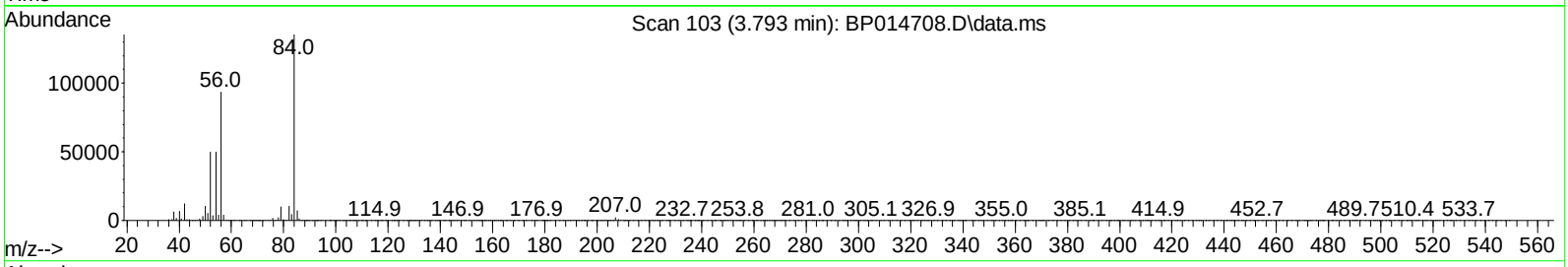

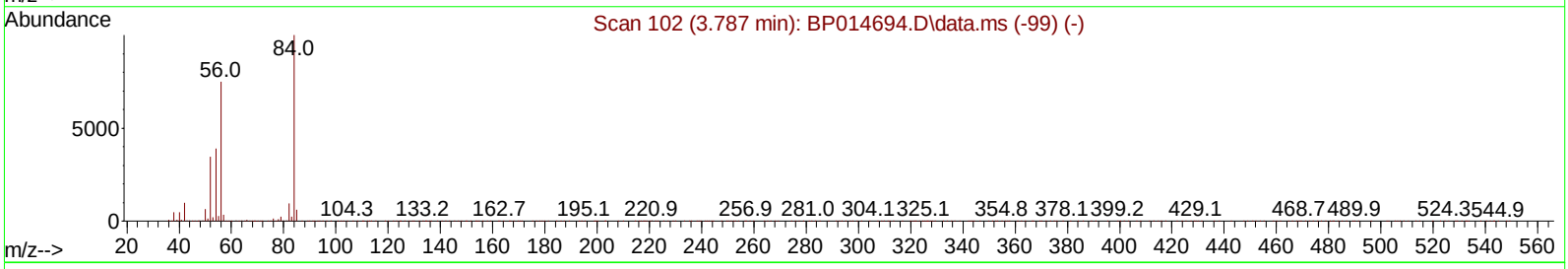

TIC: BP014708.D\data.ms

(4) Pyridine-d5 (S)

3.793min (-0.000) 30.82 ng/ul m

response 173747

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	65.70	69.28
54.00	32.60	37.06
0.00	0.00	0.00

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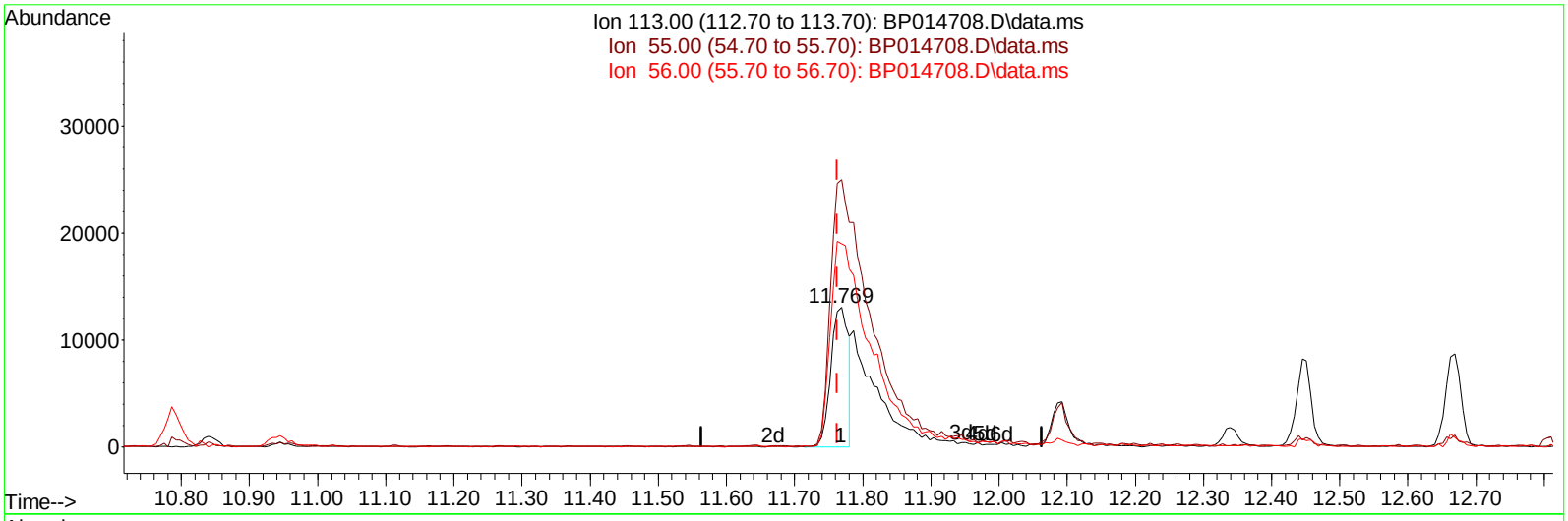

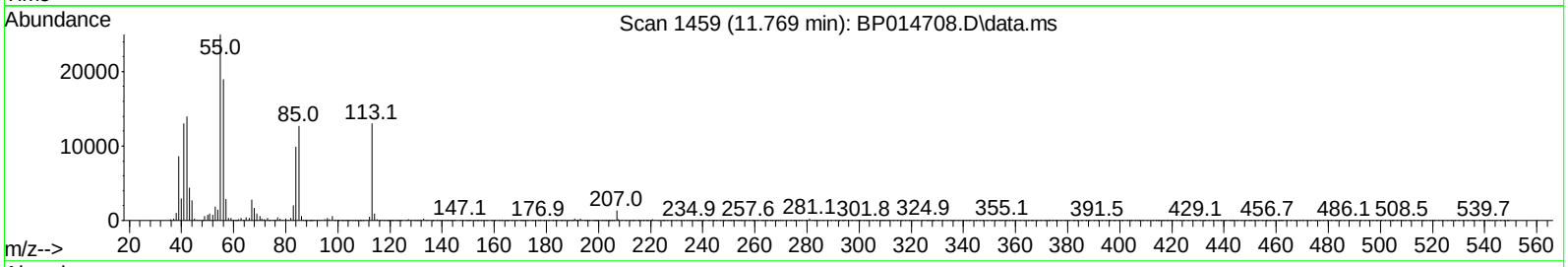

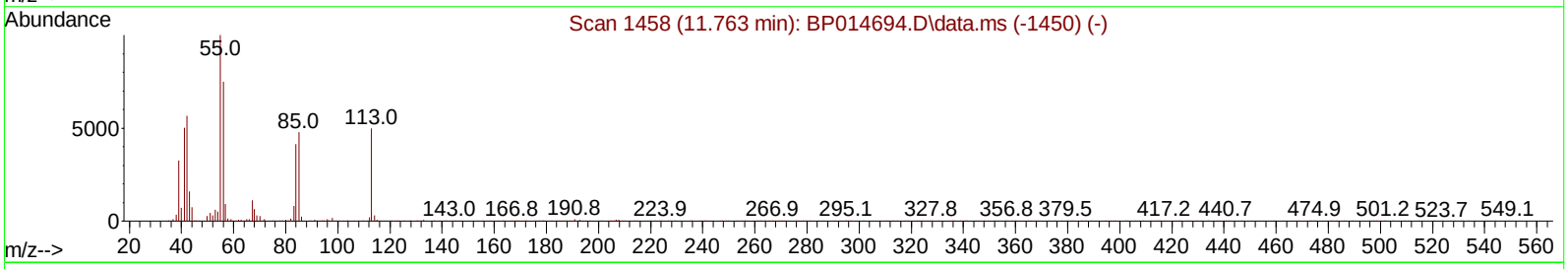

TIC: BP014708.D\data.ms

(34) Caprolactam

11.769min (+ 0.006) 14.10 ng/ul

response 23808

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	191.59
56.00	126.40	145.69
0.00	0.00	0.00

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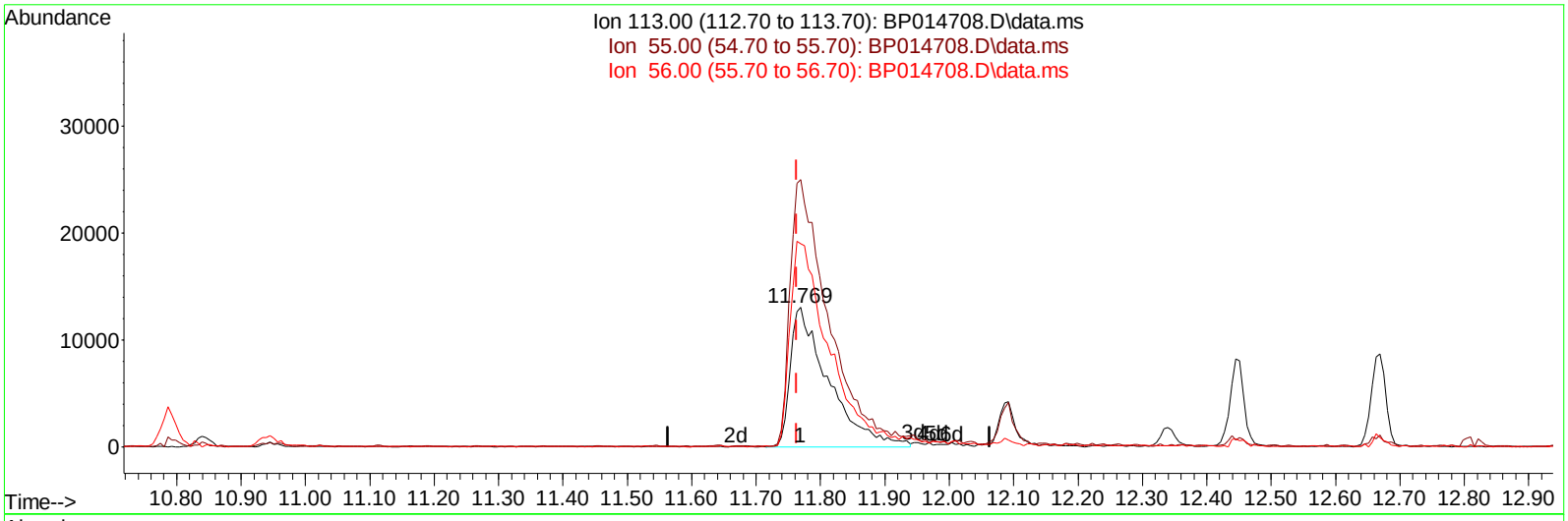

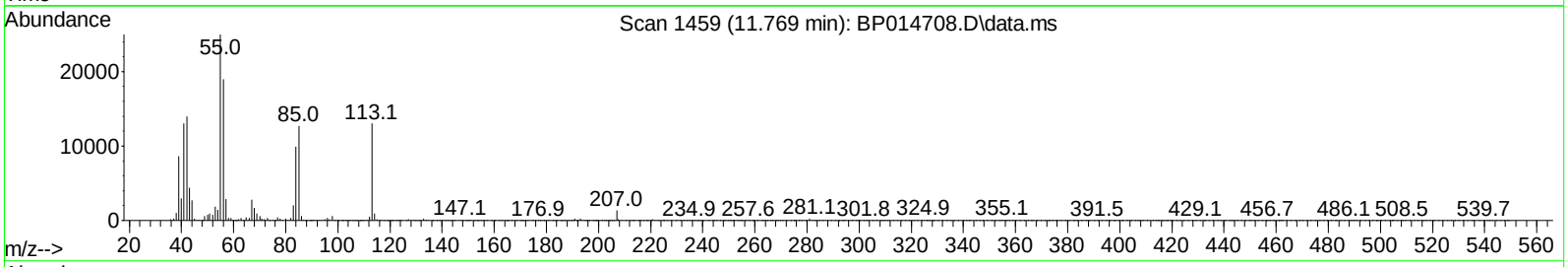

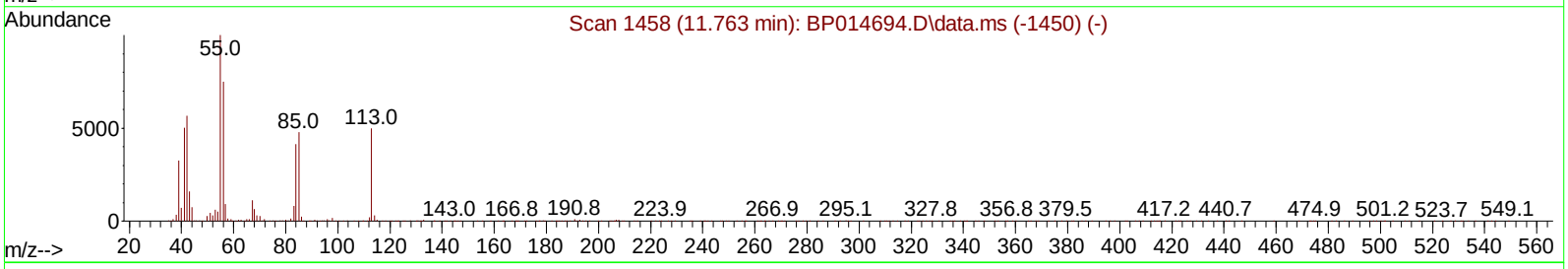

TIC: BP014708.D\data.ms

(34) Caprolactam

11.769min (+ 0.006) 31.41 ng/ul m

response 53032

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	191.59
56.00	126.40	145.69
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	7.969	152	85317	20.000	ng/ul	0.00
20) Naphthalene-d8	10.786	136	344940	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	204567	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	430239	20.000	ng/ul	0.00
79) Chrysene-d12	21.474	240	460933	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	520566	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	14321	6.509	ng/uL	0.00
4) Pyridine-d5	3.793	84	173747m	30.817	ng/ul	0.00
7) Phenol-d5	7.140	99	246291	31.302	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.298	67	171062	33.885	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	186427	32.781	ng/ul	0.00
15) 4-Methylphenol-d8	8.692	113	190456	30.008	ng/ul	0.00
21) Nitrobenzene-d5	9.151	128	89336	32.082	ng/ul	0.00
24) 2-Nitrophenol-d4	9.875	143	101429	31.810	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	179553	30.920	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	131339	17.170	ng/ul	0.00
46) Dimethylphthalate-d6	14.033	166	525721	31.695	ng/ul	0.00
49) Acenaphthylene-d8	14.316	160	609049	33.092	ng/ul	0.00
54) 4-Nitrophenol-d4	14.851	143	77684	31.002	ng/ul	0.00
60) Fluorene-d10	15.621	176	451404	32.635	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	100788	31.837	ng/ul	0.00
73) Anthracene-d10	17.486	188	706789	33.945	ng/ul	0.00
81) Pyrene-d10	19.721	212	851752	27.511	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	939091	33.954	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	34996	14.475	ng/uL#	82
5) Pyridine	3.810	79	207881	35.234	ng/ul	93
6) Benzaldehyde	7.116	77	72494	18.536	ng/ul	98
8) Phenol	7.163	94	265570	32.536	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.392	93	213876	32.606	ng/ul	95
12) 2-Chlorophenol	7.534	128	198416	33.521	ng/ul	91
13) 2-Methylphenol	8.422	108	190622	31.315	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.498	45	319234	37.068	ng/ul	98
16) Acetophenone	8.810	105	330879	31.571	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.787	70	186667	32.969	ng/ul	91
18) 4-Methylphenol	8.757	108	208739	31.224	ng/ul	99
19) Hexachloroethane	9.051	117	90334	34.928	ng/ul	91
22) Nitrobenzene	9.192	77	276929	34.617	ng/ul	97
23) Isophorone	9.716	82	478504	32.449	ng/ul	99
25) 2-Nitrophenol	9.904	139	107555	31.957	ng/ul	90
26) 2,4-Dimethylphenol	9.963	107	247114	32.804	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.198	93	282700	31.976	ng/ul	98
29) 2,4-Dichlorophenol	10.445	162	184306	32.250	ng/ul	97
30) Naphthalene	10.839	128	627901	32.680	ng/ul	99
32) 4-Chloroaniline	10.969	127	113481	14.648	ng/ul	99
33) Hexachlorobutadiene	11.110	225	142452	31.463	ng/ul	98
34) Caprolactam	11.769	113	53032m	31.411	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	220273	31.337	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.445	142	410469	31.523	ng/ul	100
37) 1-Methylnaphthalene	12.669	142	419622	32.494	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.816	216	235437	32.280	ng/ul	97
40) Hexachlorocyclopentadiene	12.780	237	132466	28.045	ng/ul	99
41) 2,4,6-Trichlorophenol	13.063	196	145158	32.162	ng/ul	98
42) 2,4,5-Trichlorophenol	13.139	196	155284	32.318	ng/ul	97
43) 1,1'-Biphenyl	13.457	154	553318	33.479	ng/ul	98
44) 2-Chloronaphthalene	13.498	162	437244	33.460	ng/ul	99
45) 2-Nitroaniline	13.722	65	153429	37.913	ng/ul	89
47) Dimethylphthalate	14.080	163	540755	32.607	ng/ul	99
48) 2,6-Dinitrotoluene	14.210	165	108401	33.456	ng/ul	89
50) Acenaphthylene	14.345	152	671540	34.261	ng/ul	99
51) 3-Nitroaniline	14.551	138	91114	31.389	ng/ul	96
52) Acenaphthene	14.686	153	467755	33.771	ng/ul	98
53) 2,4-Dinitrophenol	14.763	184	60931	29.039	ng/ul#	84
55) 4-Nitrophenol	14.863	109	84665	34.235	ng/ul	97
56) Dibenzofuran	15.021	168	648385	33.300	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	159848	34.780	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.257	232	134165	31.068	ng/ul	96
59) Diethylphthalate	15.439	149	550736	33.418	ng/ul	98
61) Fluorene	15.674	166	533241	33.788	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.669	204	276842	32.650	ng/ul	97
63) 4-Nitroaniline	15.721	138	88402	37.483	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.769	198	96769	31.542	ng/ul	96
67) N-Nitrosodiphenylamine	15.886	169	444826	33.230	ng/ul	98
68) 4-Bromophenyl-phenylether	16.568	248	165506	30.914	ng/ul	99
69) Hexachlorobenzene	16.680	284	191855	31.198	ng/ul	92
70) Atrazine	16.845	200	16487	3.383	ng/ul	98
71) Pentachlorophenol	17.039	266	104023	29.199	ng/ul	97
72) Phenanthrene	17.427	178	831447	34.736	ng/ul	100
74) Anthracene	17.521	178	845310	35.040	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	235880	31.146	ng/uL	99
76) Pentachlorobenzene	14.939	250	232641	30.786	ng/uL	97
77) Carbazole	17.798	167	735673	36.440	ng/ul	100
78) Di-n-butylphthalate	18.327	149	904768	35.642	ng/ul	99
80) Fluoranthene	19.392	202	1018603	27.825	ng/ul	98
82) Pyrene	19.745	202	1078430	28.217	ng/ul	97
83) Butylbenzylphthalate	20.609	149	447165	33.967	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.392	252	258833	25.391	ng/ul#	99
85) Benzo(a)anthracene	21.462	228	1120035	34.291	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.356	149	654709	36.369	ng/ul	98
87) Chrysene	21.515	228	1068381	34.641	ng/ul	100
89) Di-n-octyl phthalate	22.315	149	1177890	34.867	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1179898	33.560	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	1171218	34.300	ng/ul	99
93) Benzo(a)pyrene	23.868	252	1049825	34.691	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.591	276	1414880	33.983	ng/ul	98
95) Dibenzo(a,h)anthracene	26.609	278	1160980	33.306	ng/ul	99
96) Benzo(g,h,i)perylene	27.403	276	1133370	33.396	ng/ul	98

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

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