Quantitation Report (Qedit)

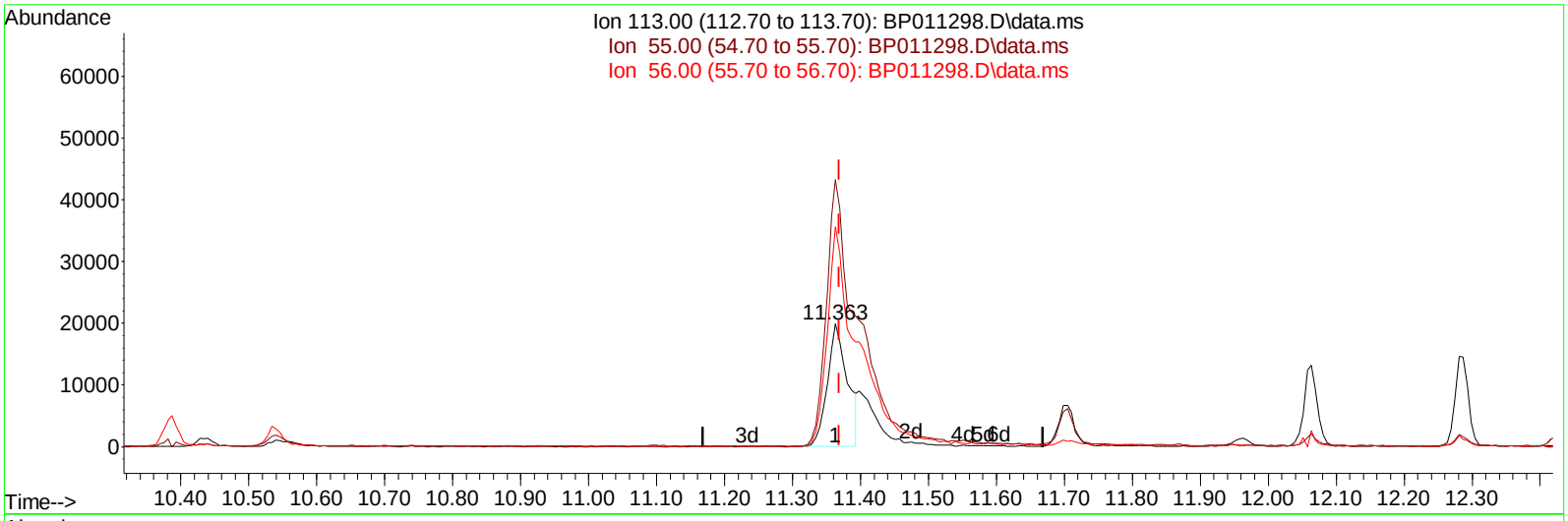
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
Data File : BP011298.D
Acq On : 06 Aug 2022 02:29
Operator : CG/JU
Sample : PB146765BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

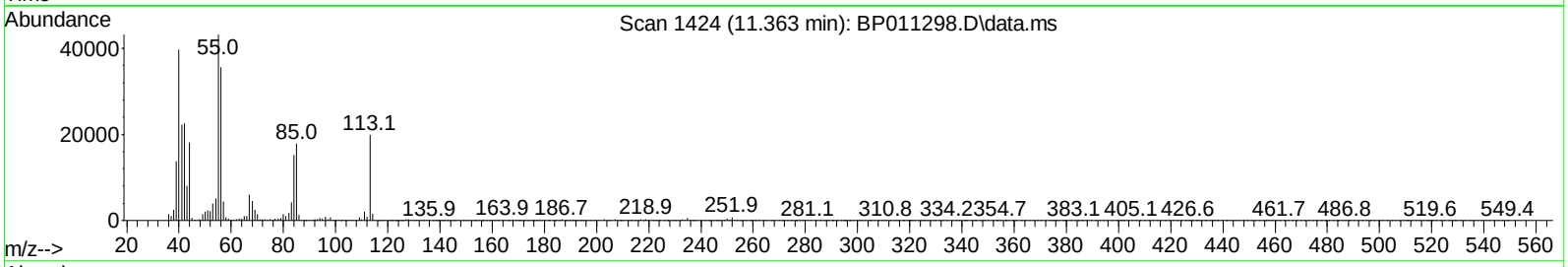
Quant Time: Aug 06 04:04:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 02 23:52:37 2022
Response via : Initial Calibration

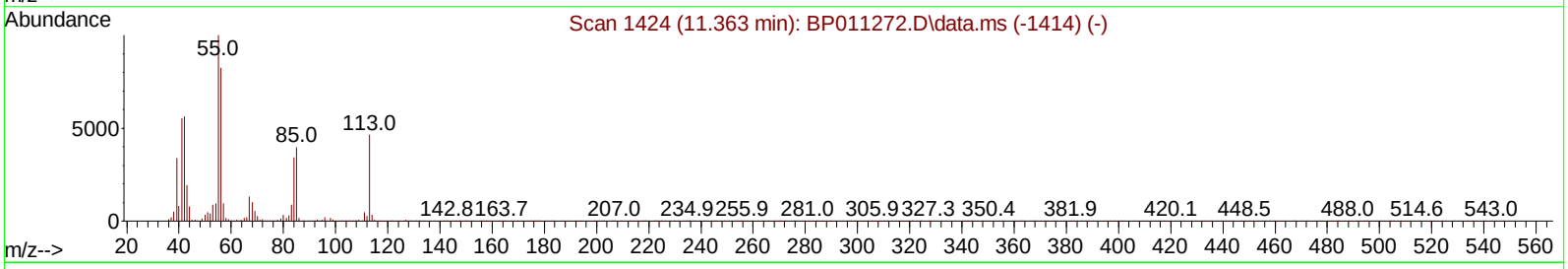
Instrument :
BNA_P
ClientSampleId :
SLCS765

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/10/2022







TIC: BP011298.D\data.ms

(34) Caprolactam

11.363min (-0.006) 18.94 ng/ul

response 40790

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	216.95
56.00	158.80	178.76
0.00	0.00	0.00

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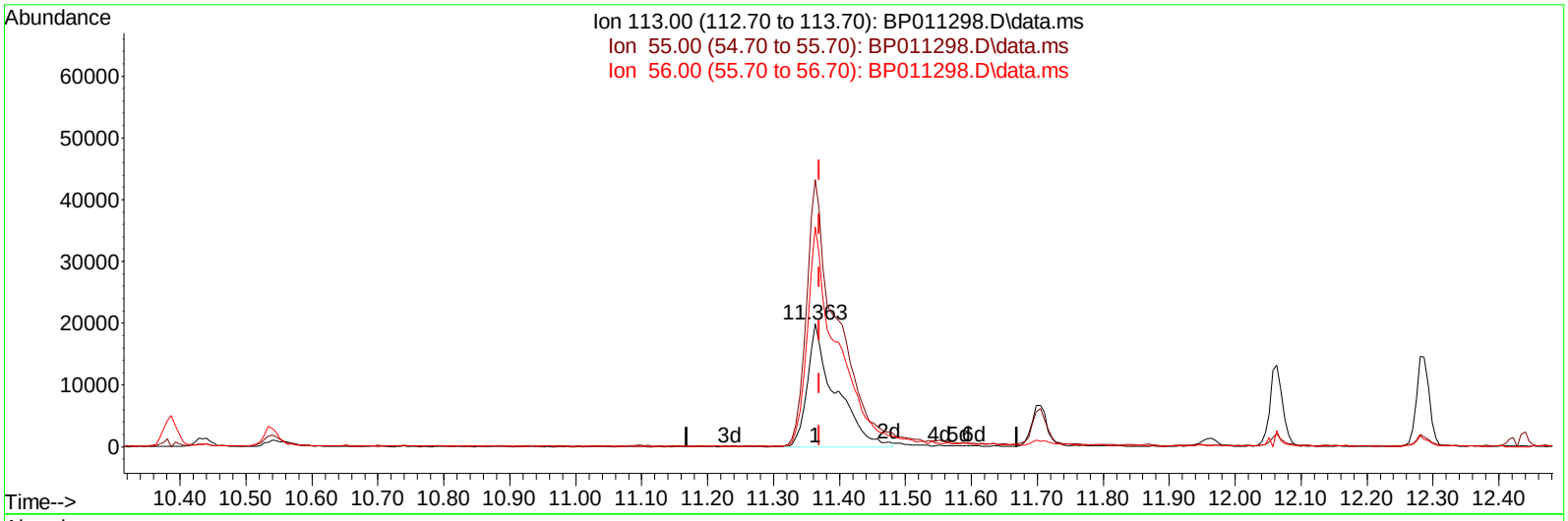

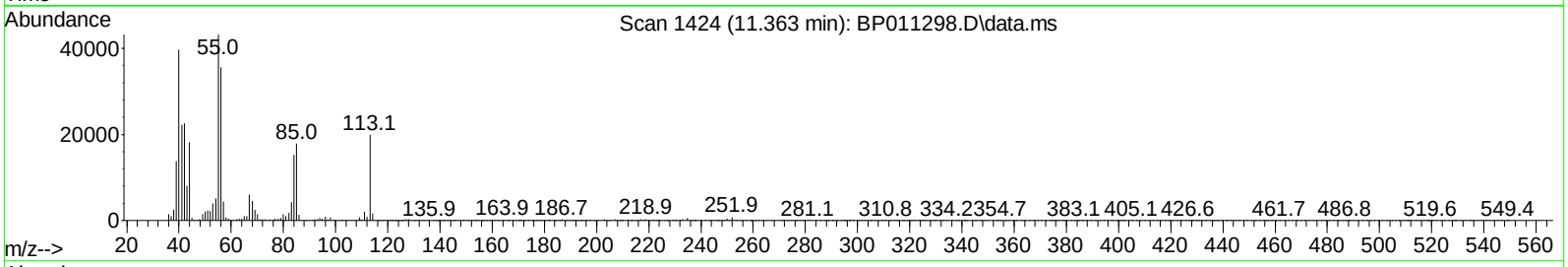

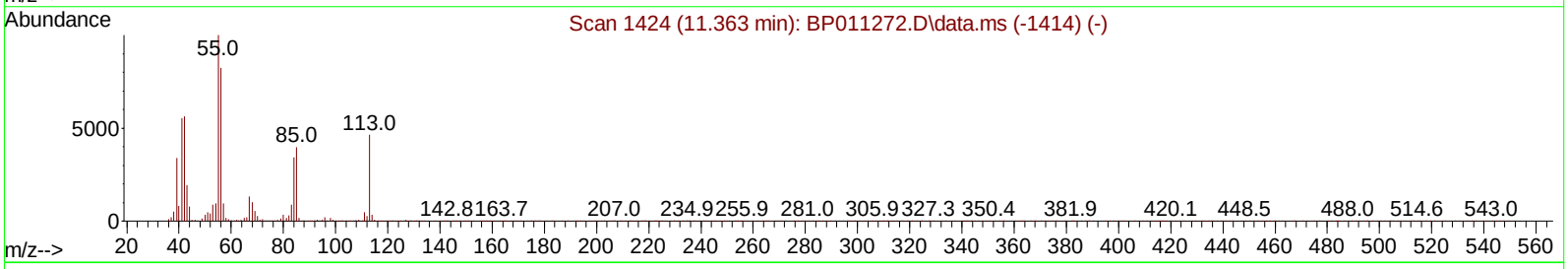

TIC: BP011298.D\data.ms

(34) Caprolactam

11.363min (-0.006) 27.29 ng/ul m

response 58758

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	216.95
56.00	158.80	178.76
0.00	0.00	0.00

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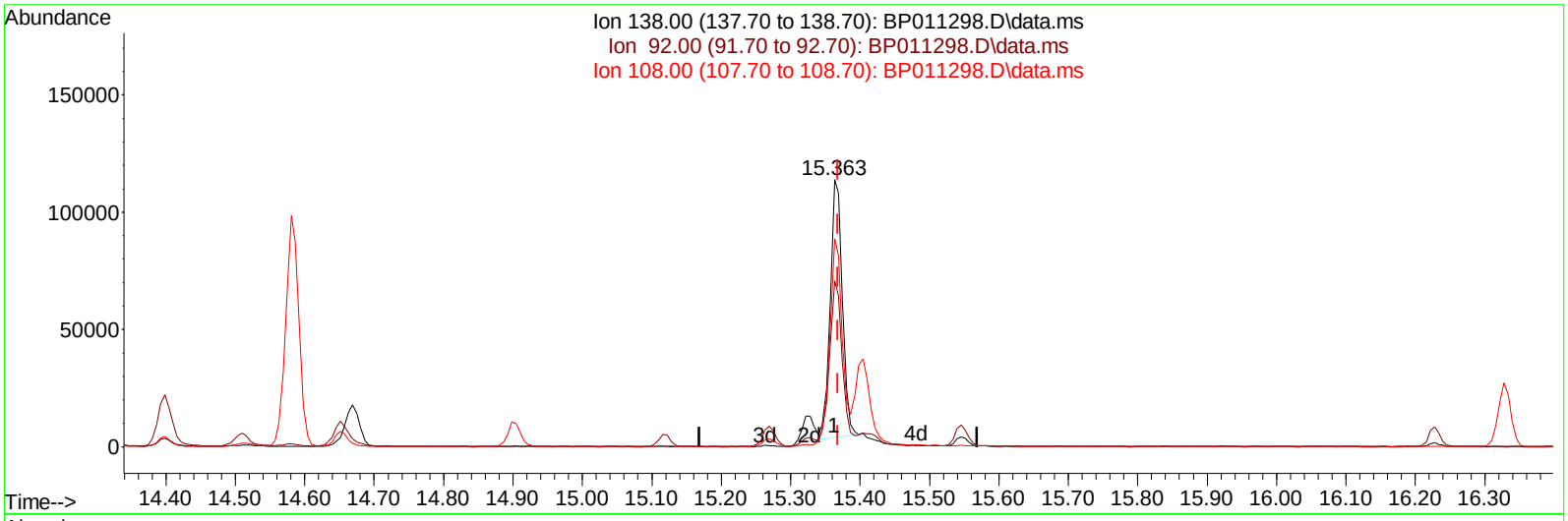

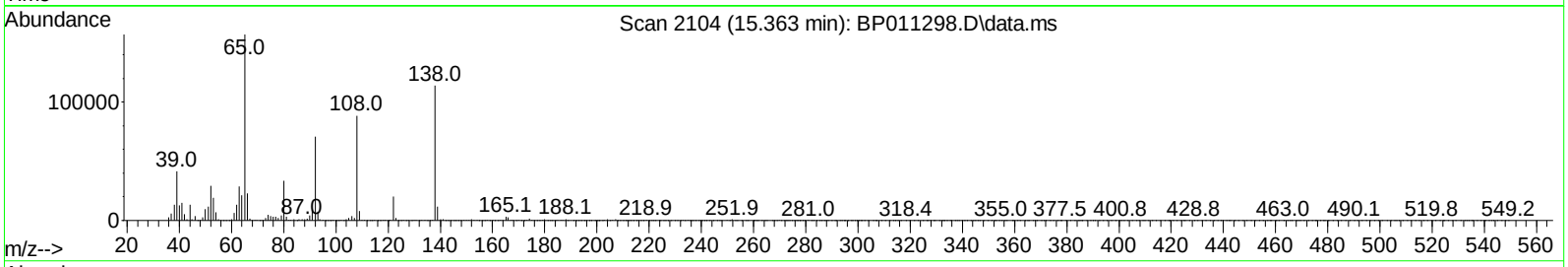

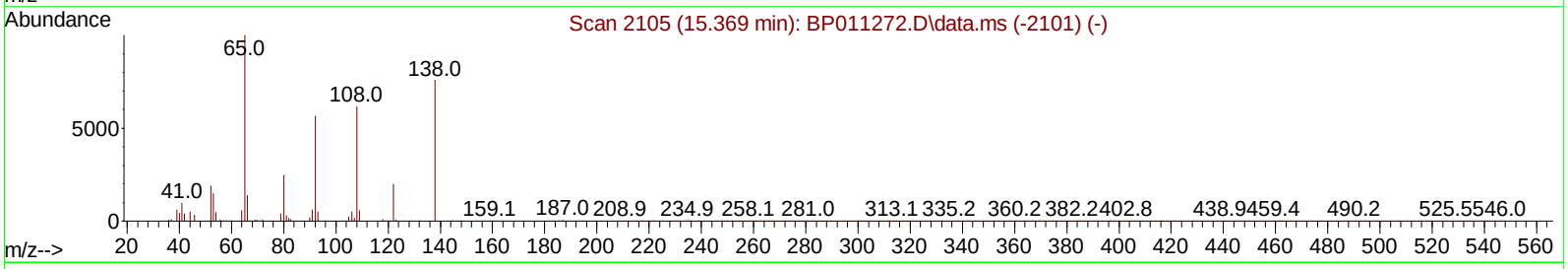

TIC: BP011298.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 33.27 ng/ul

response 135561

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	62.19
108.00	83.90	77.82
0.00	0.00	0.00

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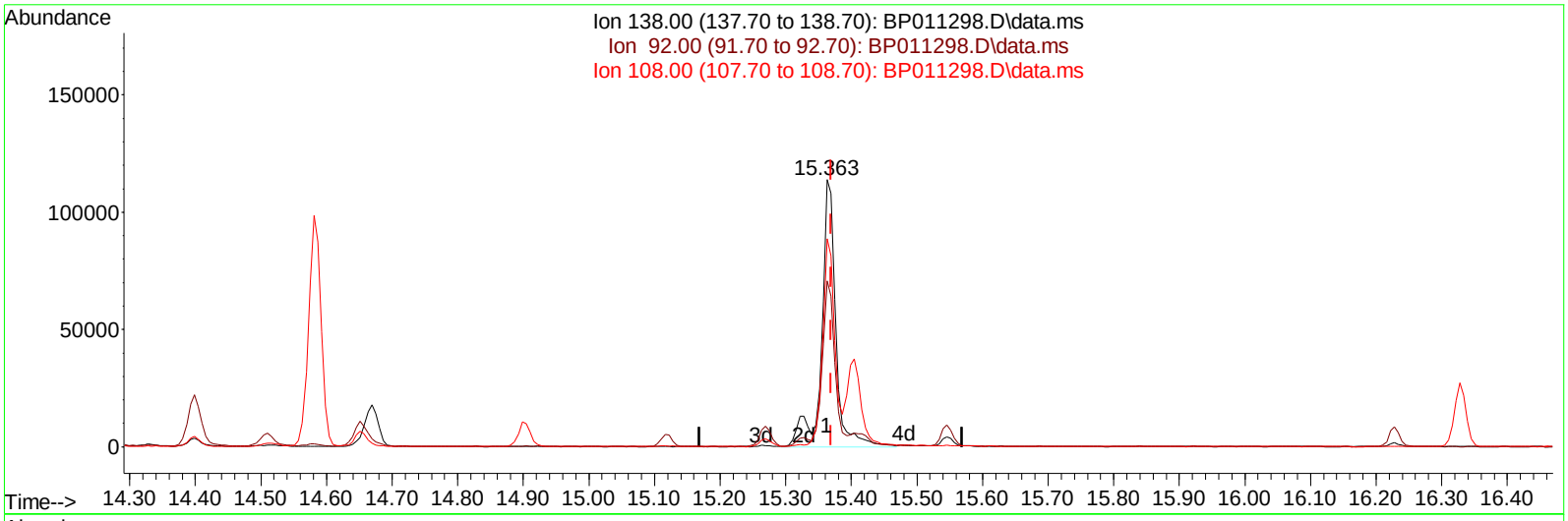

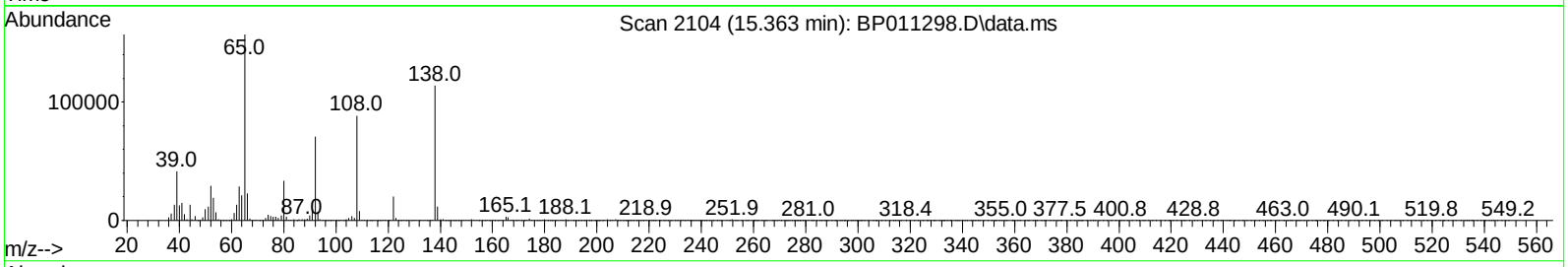

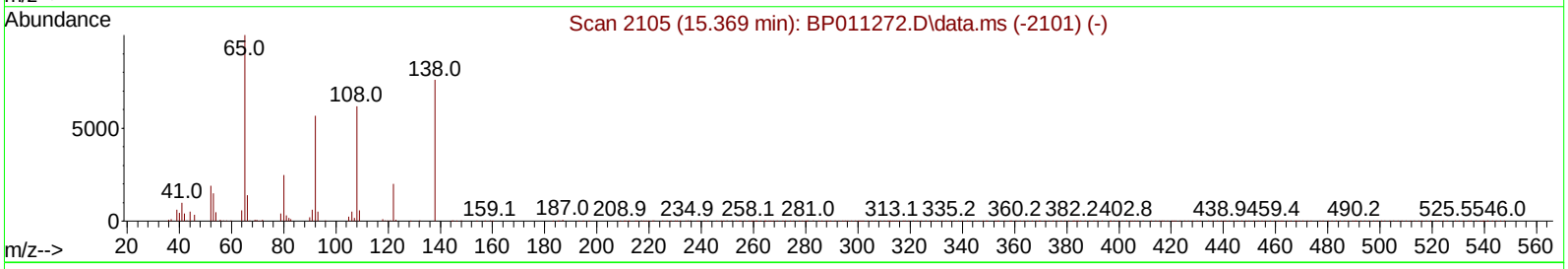

TIC: BP011298.D\data.ms

(63) 4-Nitroaniline

15.363min (-0.006) 43.53 ng/ul m

response 177405

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	62.19
108.00	83.90	77.82
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	7.593	152	114023	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	541086	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.263	164	425743	20.000	ng/ul	#-0.01
64) Phenanthrene-d10	17.039	188	835849	20.000	ng/ul	0.00
79) Chrysene-d12	21.163	240	970059	20.000	ng/ul	-0.01
88) Perylene-d12	23.468	264	831084	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	3977	2.820	ng/uL	0.00
4) Pyridine-d5	3.499	84	80754	21.230	ng/ul	0.00
7) Phenol-d5	6.781	99	283604	29.846	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	230540	33.623	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.128	132	220819	28.510	ng/ul	-0.01
15) 4-Methylphenol-d8	8.322	113	216807	27.729	ng/ul	0.00
21) Nitrobenzene-d5	8.758	128	163339	41.969	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.475	143	127483	34.945	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.016	165	262765	37.772	ng/ul	0.00
31) 4-Chloroaniline-d4	10.540	131	346233	32.171	ng/ul	0.00
46) Dimethylphthalate-d6	13.693	166	849130	29.121	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	1306592	35.614	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.498	143	186100	37.532	ng/ul	0.00
60) Fluorene-d10	15.269	176	966722	38.963	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.404	200	160620	41.384	ng/ul	-0.01
73) Anthracene-d10	17.134	188	1532100	41.707	ng/ul	-0.01
81) Pyrene-d10	19.398	212	1635894	33.354	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.321	264	1543622	37.273	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.123	88	7805	6.001	ng/uL#	77
5) Pyridine	3.517	79	71648	18.601	ng/ul	96
6) Benzaldehyde	6.746	77	152090	32.742	ng/ul	96
8) Phenol	6.805	94	304363	29.871	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.034	93	258972	30.975	ng/ul	98
12) 2-Chlorophenol	7.158	128	248087	30.838	ng/ul	98
13) 2-Methylphenol	8.052	108	194072	25.173	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.134	45	408923	28.702	ng/ul#	94
16) Acetophenone	8.422	105	623662	49.220	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.416	70	219370	35.579	ng/ul	99
18) 4-Methylphenol	8.381	108	277528	33.566	ng/ul	99
19) Hexachloroethane	8.658	117	194175	50.333	ng/ul	100
22) Nitrobenzene	8.799	77	439710	41.227	ng/ul	98
23) Isophorone	9.334	82	551602	29.065	ng/ul	98
25) 2-Nitrophenol	9.510	139	153543	36.371	ng/ul	98
26) 2,4-Dimethylphenol	9.581	107	284467	29.785	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.816	93	358614	30.013	ng/ul	99
29) 2,4-Dichlorophenol	10.040	162	295586	40.657	ng/ul	98
30) Naphthalene	10.434	128	1208070	42.292	ng/ul	99
32) 4-Chloroaniline	10.557	127	362369	33.243	ng/ul	98
33) Hexachlorobutadiene	10.716	225	218314	48.073	ng/ul	98
34) Caprolactam	11.363	113	58758m	27.286	ng/ul	
35) 4-Chloro-3-methylphenol	11.704	107	308934	37.574	ng/ul	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.063	142	724524	40.593 ng/ul	100
37) 1-Methylnaphthalene	12.287	142	751969	41.941 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.434	216	387023	33.239 ng/ul	97
40) Hexachlorocyclopentadiene	12.410	237	171725	23.343 ng/ul	99
41) 2,4,6-Trichlorophenol	12.687	196	188232	25.805 ng/ul	96
42) 2,4,5-Trichlorophenol	12.757	196	238977	30.529 ng/ul	99
43) 1,1'-Biphenyl	13.093	154	1116935	32.871 ng/ul	99
44) 2-Chloronaphthalene	13.128	162	861474	33.986 ng/ul	99
45) 2-Nitroaniline	13.357	65	147934	24.262 ng/ul	92
47) Dimethylphthalate	13.740	163	915089	31.108 ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	153142	34.682 ng/ul	93
50) Acenaphthylene	13.987	152	1516695	36.586 ng/ul	100
51) 3-Nitroaniline	14.193	138	147041	30.191 ng/ul	98
52) Acenaphthene	14.328	153	972203	36.257 ng/ul#	93
53) 2,4-Dinitrophenol	14.398	184	85828	32.732 ng/ul	98
55) 4-Nitrophenol	14.510	109	151885	33.942 ng/ul	96
56) Dibenzofuran	14.669	168	1431208	39.002 ng/ul	98
57) 2,4-Dinitrotoluene	14.651	165	293772	42.245 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	193433	32.726 ng/ul	92
59) Diethylphthalate	15.116	149	851358	28.044 ng/ul	99
61) Fluorene	15.328	166	1182769	40.454 ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	525817	40.725 ng/ul	98
63) 4-Nitroaniline	15.363	138	177405m	43.534 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.416	198	155061	38.637 ng/ul	97
67) N-Nitrosodiphenylamine	15.545	169	791565	32.400 ng/ul#	87
68) 4-Bromophenyl-phenylether	16.228	248	253007	33.554 ng/ul	99
69) Hexachlorobenzene	16.328	284	335205	38.058 ng/ul	97
70) Atrazine	16.522	200	51604	7.061 ng/ul	96
71) Pentachlorophenol	16.686	266	168702	32.702 ng/ul	98
72) Phenanthrene	17.081	178	1828736	39.962 ng/ul	100
74) Anthracene	17.169	178	1851318	40.678 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.051	216	344219	26.911 ng/uL	99
76) Pentachlorobenzene	14.581	250	409285	37.535 ng/uL	98
77) Carbazole	17.451	167	1578807	38.679 ng/ul	100
78) Di-n-butylphthalate	18.028	149	1155056	22.812 ng/ul#	95
80) Fluoranthene	19.069	202	1878446	31.316 ng/ul	99
82) Pyrene	19.428	202	2138609	34.166 ng/ul	98
83) Butylbenzylphthalate	20.322	149	325736	13.628 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.092	252	233567	14.721 ng/ul	100
85) Benzo(a)anthracene	21.145	228	1958259	32.299 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.092	149	577322	14.137 ng/ul	100
87) Chrysene	21.198	228	1958889	32.825 ng/ul	99
89) Di-n-octyl phthalate	21.986	149	1021132	18.020 ng/ul	100
90) Benzo(b)fluoranthene	22.769	252	1896071	35.811 ng/ul	98
91) Benzo(k)fluoranthene	22.816	252	1881810	37.882 ng/ul	99
93) Benzo(a)pyrene	23.369	252	1871843	36.318 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.857	276	2072512	33.693 ng/ul	98
95) Dibenzo(a,h)anthracene	25.874	278	1806885	34.641 ng/ul	99
96) Benzo(g,h,i)perylene	26.586	276	1724178	32.710 ng/ul	97

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

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