Quantitation Report (Qedit)

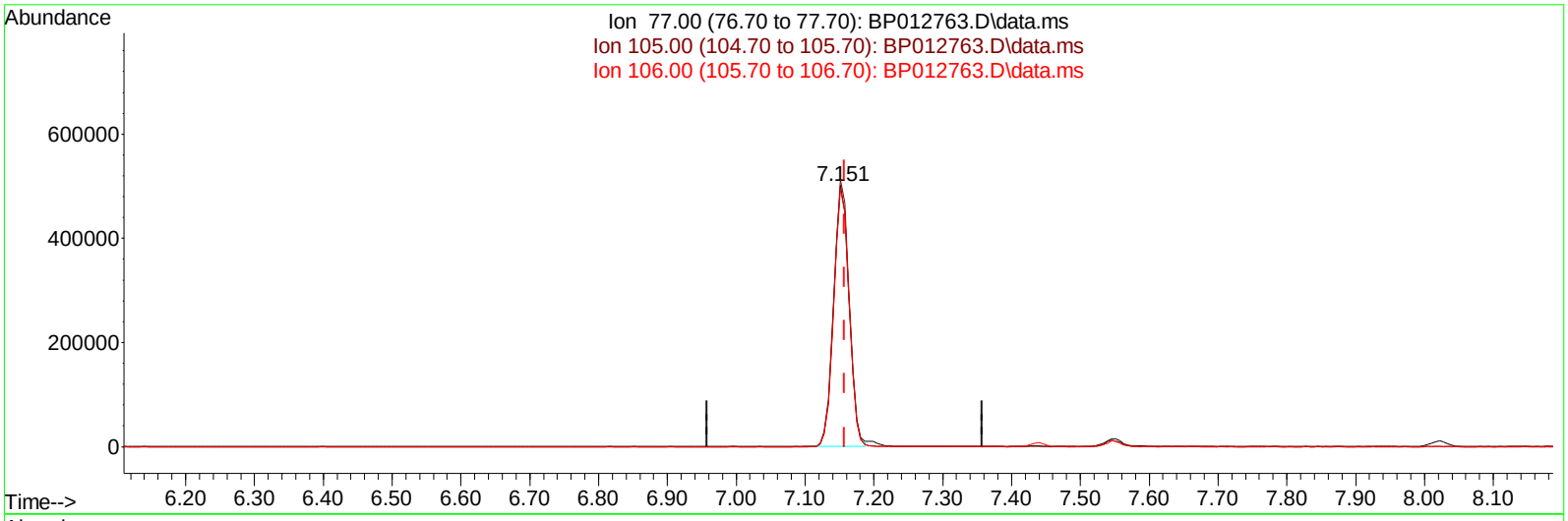
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012763.D
Acq On : 26 Nov 2022 12:28
Operator : CG/JU
Sample : PB149032BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

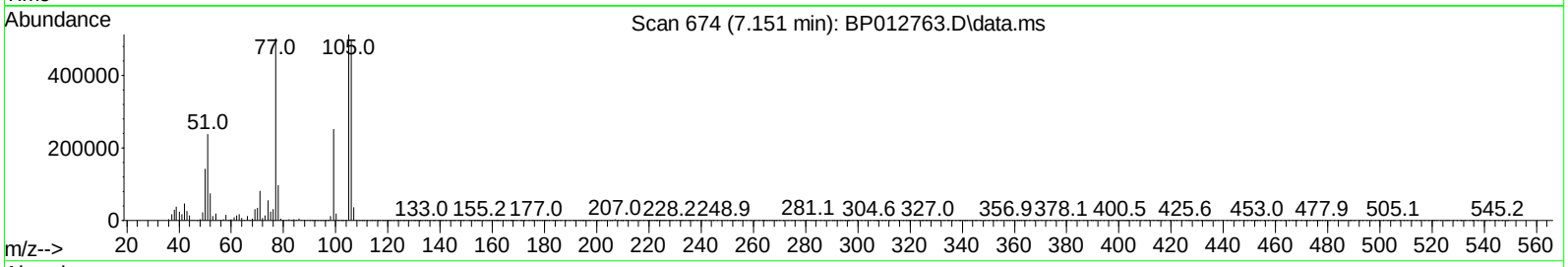
Quant Time: Nov 27 21:50:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 25 15:59:22 2022
Response via : Initial Calibration

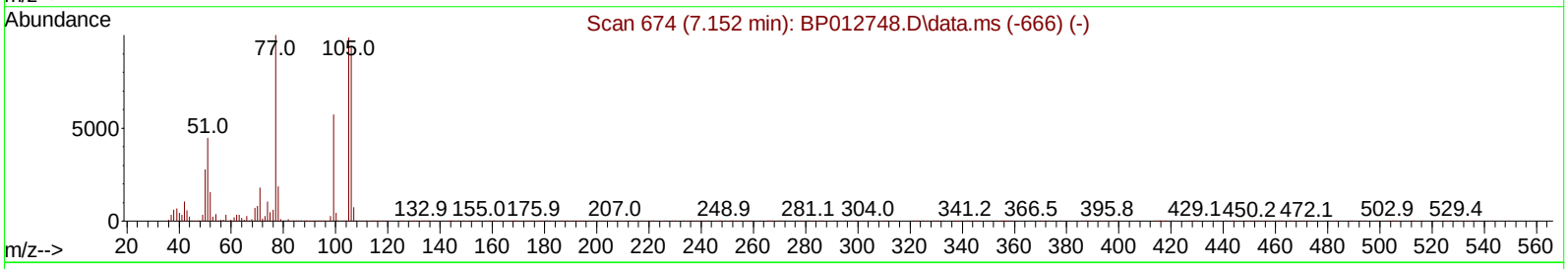
Instrument :
BNA_P
ClientSampleId :
SLCS032

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/28/2022
Supervised By :mohammad ahmed 11/30/2022







TIC: BP012763.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 33.76 ng/ul

response 780716

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	102.20
106.00	96.70	98.69
0.00	0.00	0.00

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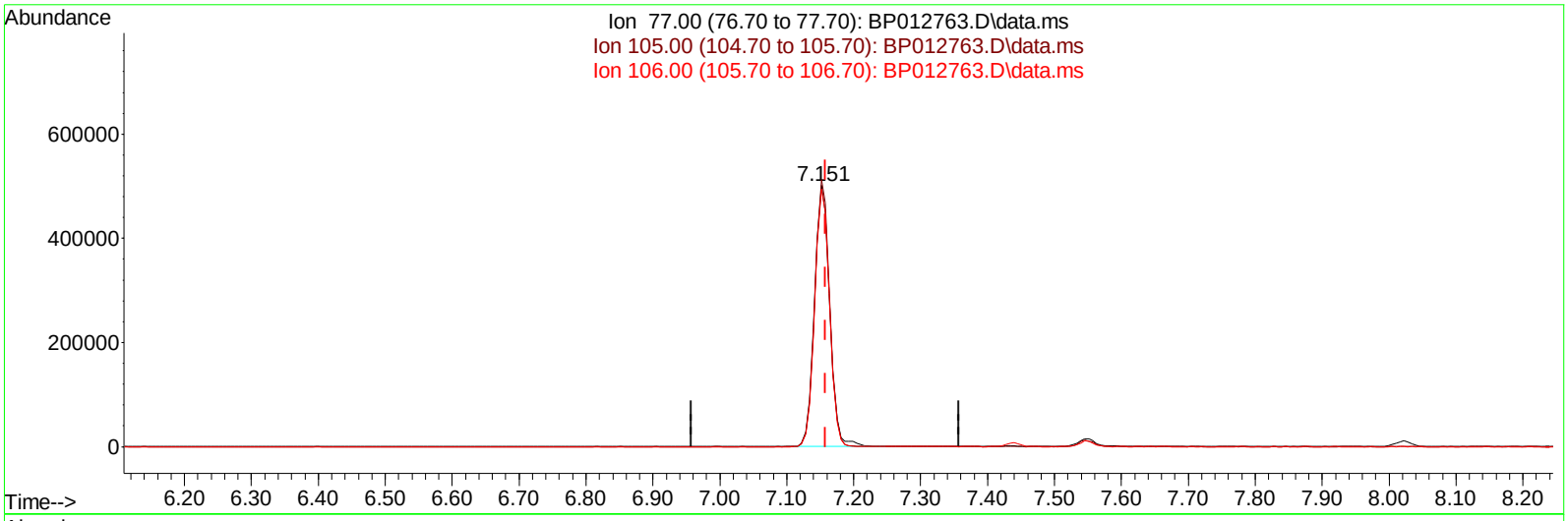

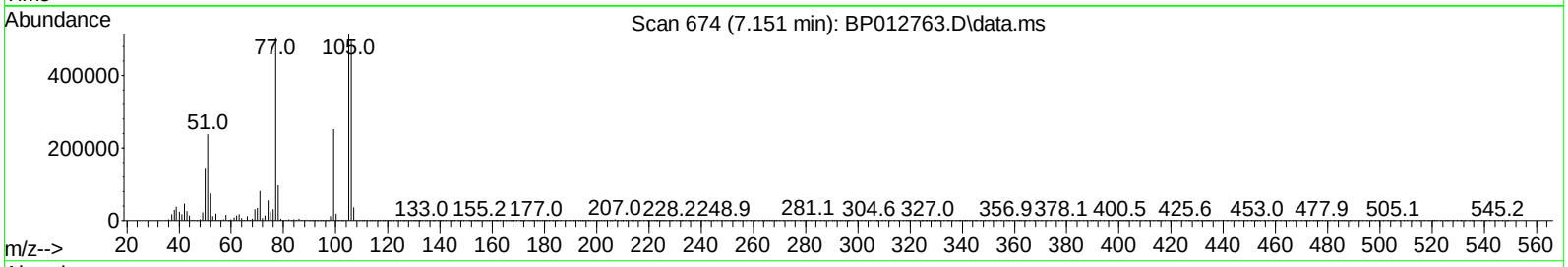

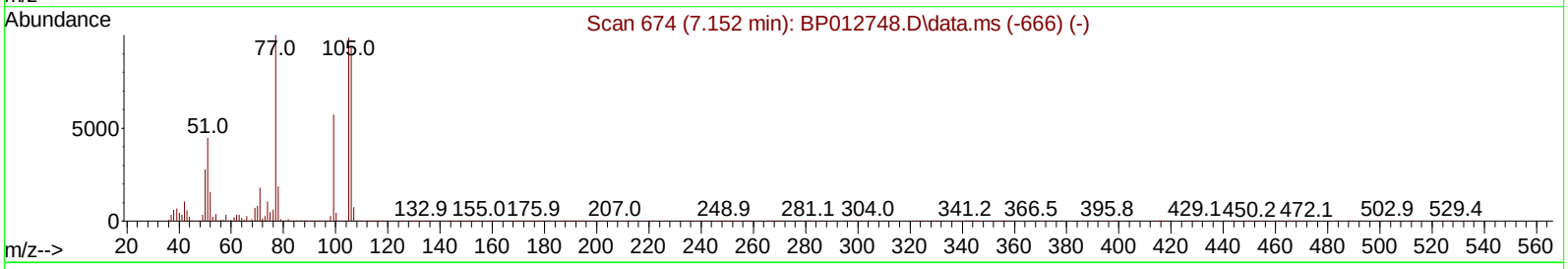

TIC: BP012763.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 34.40 ng/ul m

response 795438

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	102.20
106.00	96.70	98.69
0.00	0.00	0.00

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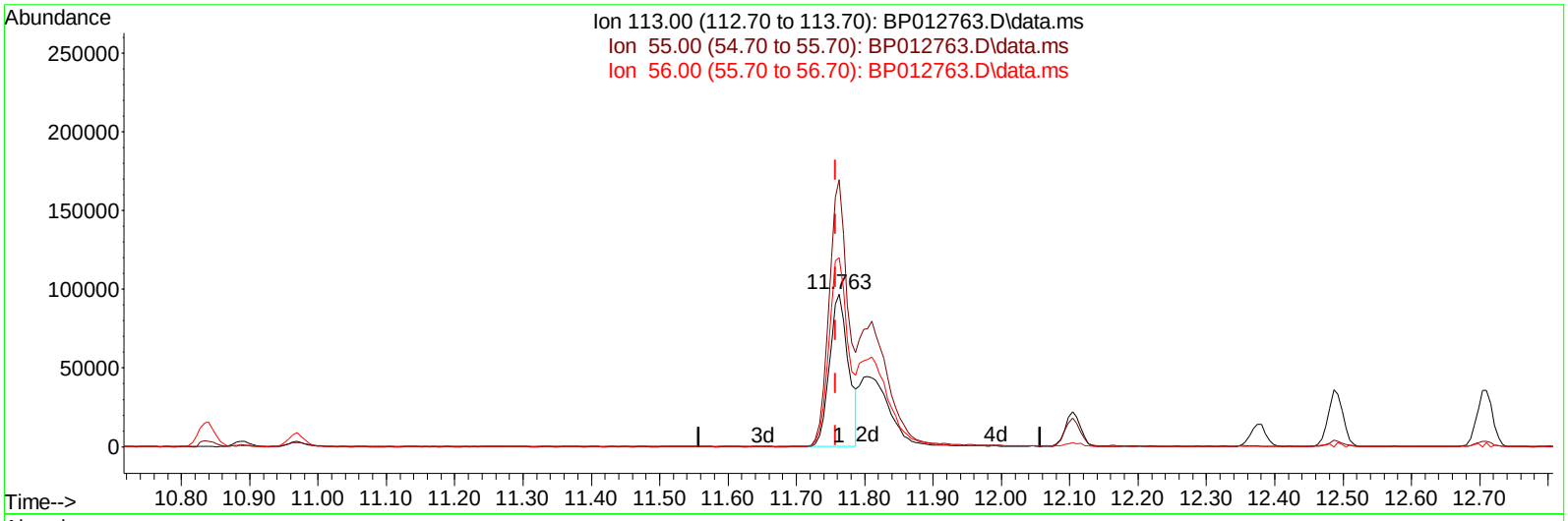

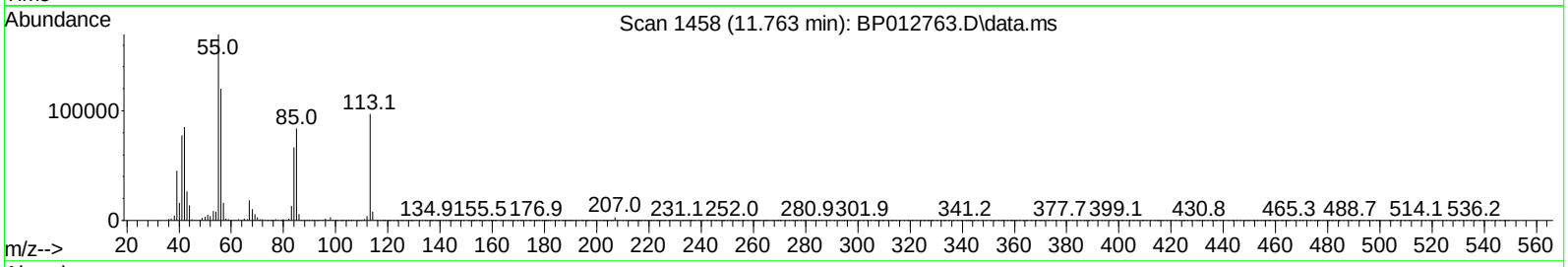

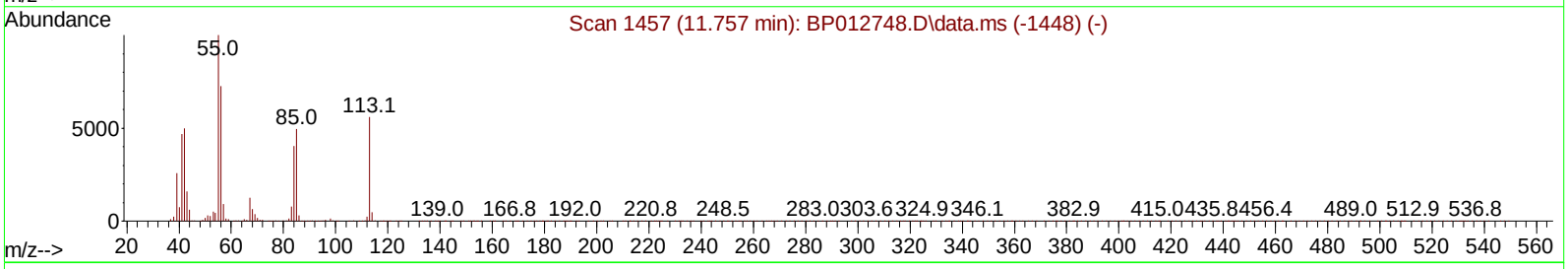

TIC: BP012763.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 15.43 ng/ul

response 187587

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	174.73
56.00	133.90	123.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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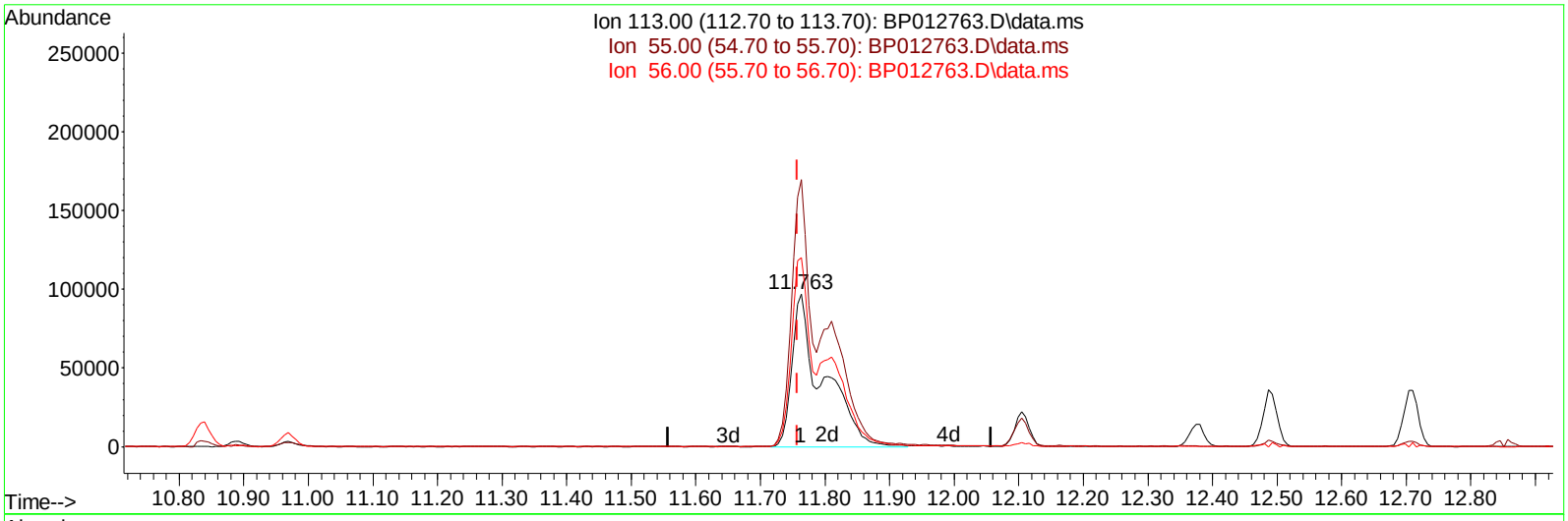

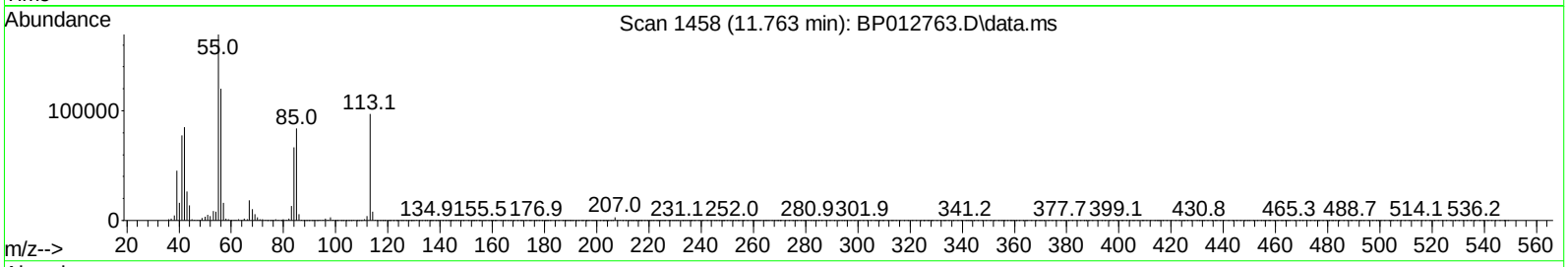

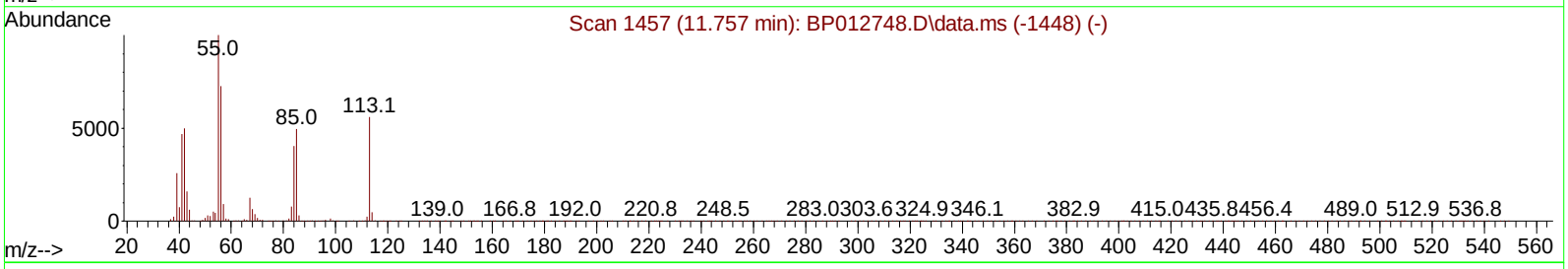

TIC: BP012763.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 26.78 ng/ul m

response 325501

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	174.73
56.00	133.90	123.62
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	576333	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	2520114	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.657	164	1608364	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	3122169	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	1953348	20.000	ng/ul	0.00
88) Perylene-d12	24.009	264	1632465	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	77378	5.753	ng/uL	0.00
4) Pyridine-d5	3.822	84	1043657	25.930	ng/ul	0.00
7) Phenol-d5	7.169	99	1439916	30.404	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	874924	29.981	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	1114187	30.875	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	1146594	30.049	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	526365	34.125	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	575947	35.166	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	1196741	31.317	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	1441387	27.544	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	3351600	30.275	ng/ul	0.00
49) Acenaphthylene-d8	14.351	160	3989430	30.885	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	576344	29.200	ng/ul	0.00
60) Fluorene-d10	15.651	176	2928696	30.207	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	464480	31.126	ng/ul	0.00
73) Anthracene-d10	17.510	188	4237452	30.832	ng/ul	0.00
81) Pyrene-d10	19.739	212	4084995	35.991	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	2523798	31.475	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	150464	10.417	ng/uL	99
5) Pyridine	3.840	79	1039645	26.398	ng/ul	99
6) Benzaldehyde	7.151	77	795438m	34.400	ng/ul	
8) Phenol	7.199	94	1415194	28.498	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.440	93	1140205	28.023	ng/ul	99
12) 2-Chlorophenol	7.581	128	1120919	28.555	ng/ul	100
13) 2-Methylphenol	8.457	108	1075758	27.873	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1609874	27.431	ng/ul	100
16) Acetophenone	8.845	105	1723558	28.499	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.834	70	836587	28.081	ng/ul	99
18) 4-Methylphenol	8.787	108	1191035	28.021	ng/ul	99
19) Hexachloroethane	9.110	117	424637	28.209	ng/ul	99
22) Nitrobenzene	9.228	77	1223363	30.241	ng/ul	99
23) Isophorone	9.757	82	2470227	27.698	ng/ul	100
25) 2-Nitrophenol	9.945	139	625567	31.821	ng/ul	95
26) 2,4-Dimethylphenol	9.998	107	1217717	27.875	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.240	93	1541005	28.183	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	1137159	28.725	ng/ul	99
30) Naphthalene	10.887	128	3660349	27.738	ng/ul	99
32) 4-Chloroaniline	10.992	127	1418944	26.402	ng/ul	99
33) Hexachlorobutadiene	11.175	225	731728	27.751	ng/ul	100
34) Caprolactam	11.763	113	325501m	26.777	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	1160639	28.952	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.486	142	2535721	27.904	ng/ul	100
37) 1-Methylnaphthalene	12.710	142	2546696	27.963	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	1448616	28.245	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	680216	27.525	ng/ul	99
41) 2,4,6-Trichlorophenol	13.086	196	940705	29.314	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	1015881	29.448	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	3349465	28.588	ng/ul	99
44) 2-Chloronaphthalene	13.533	162	2660494	28.384	ng/ul	100
45) 2-Nitroaniline	13.733	65	621474	33.888	ng/ul	97
47) Dimethylphthalate	14.110	163	3282785	28.288	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	599567	33.014	ng/ul	100
50) Acenaphthylene	14.380	152	4034363	28.563	ng/ul	100
51) 3-Nitroaniline	14.557	138	587234	27.919	ng/ul	96
52) Acenaphthene	14.722	153	2803640	28.194	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	297842	25.522	ng/ul	96
55) 4-Nitrophenol	14.851	109	382817	26.696	ng/ul	97
56) Dibenzofuran	15.057	168	3871606	28.247	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	859098	32.055	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.275	232	853604	28.708	ng/ul	100
59) Diethylphthalate	15.475	149	3132038	27.882	ng/ul	99
61) Fluorene	15.704	166	3098673	28.191	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.698	204	1616556	28.345	ng/ul	98
63) 4-Nitroaniline	15.716	138	551479	30.763	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.775	198	471867	29.459	ng/ul	95
67) N-Nitrosodiphenylamine	15.910	169	2655949	29.932	ng/ul	100
68) 4-Bromophenyl-phenylether	16.598	248	755607	24.589	ng/ul	98
69) Hexachlorobenzene	16.710	284	1143434	29.195	ng/ul	98
70) Atrazine	16.863	200	836597	27.480	ng/ul	99
71) Pentachlorophenol	17.051	266	646583	26.883	ng/ul	99
72) Phenanthrene	17.451	178	4770213	28.667	ng/ul	100
74) Anthracene	17.545	178	4735236	28.764	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.457	216	1446266	29.963	ng/uL	99
76) Pentachlorobenzene	14.975	250	1366900	27.242	ng/uL	99
77) Carbazole	17.810	167	4007722	28.778	ng/ul	100
78) Di-n-butylphthalate	18.357	149	4515543	27.390	ng/ul	99
80) Fluoranthene	19.410	202	4785735	33.899	ng/ul	99
82) Pyrene	19.763	202	4835792	33.118	ng/ul	99
83) Butylbenzylphthalate	20.633	149	1137668	33.295	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	887635	24.745	ng/ul	99
85) Benzo(a)anthracene	21.480	228	3595670	26.614	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	1497917	28.666	ng/ul	98
87) Chrysene	21.533	228	3368122	25.784	ng/ul	100
89) Di-n-octyl phthalate	22.362	149	2018821	21.656	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	3065195	25.356	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	3177249	26.331	ng/ul	99
93) Benzo(a)pyrene	23.904	252	2758390	27.749	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.650	276	3594682	37.482	ng/ul	100
95) Dibenzo(a,h)anthracene	26.668	278	3160418	36.317	ng/ul	98
96) Benzo(g,h,i)perylene	27.462	276	3187593	38.642	ng/ul	99

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

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