Quantitation Report (Qedit)

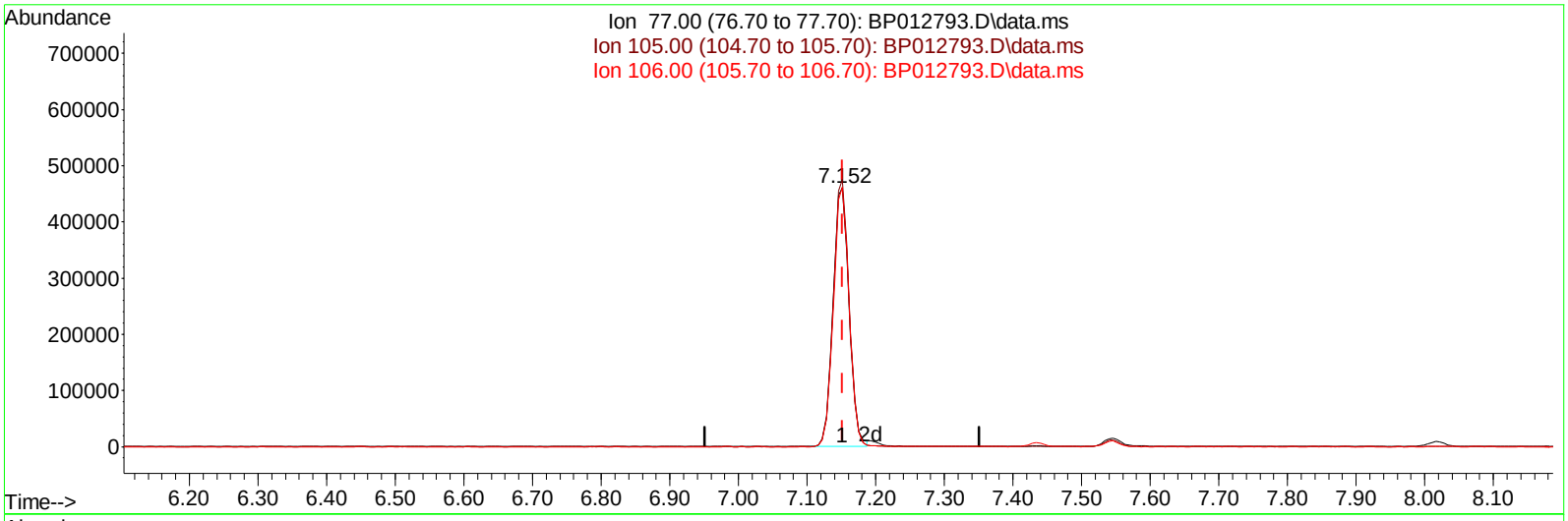
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012793.D
Acq On : 27 Nov 2022 06:05
Operator : CG/JU
Sample : PB149078BS
Misc :
ALS Vial : 67 Sample Multiplier: 1

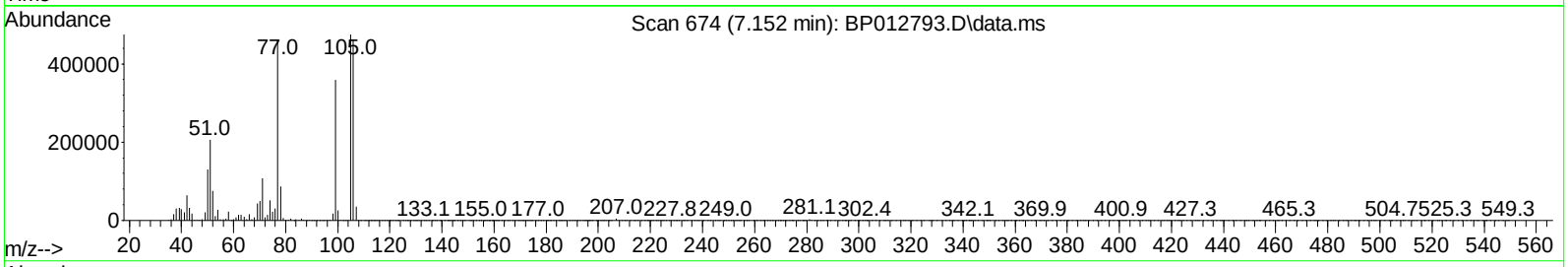
Quant Time: Nov 27 23:03:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Nov 27 22:55:08 2022
Response via : Initial Calibration

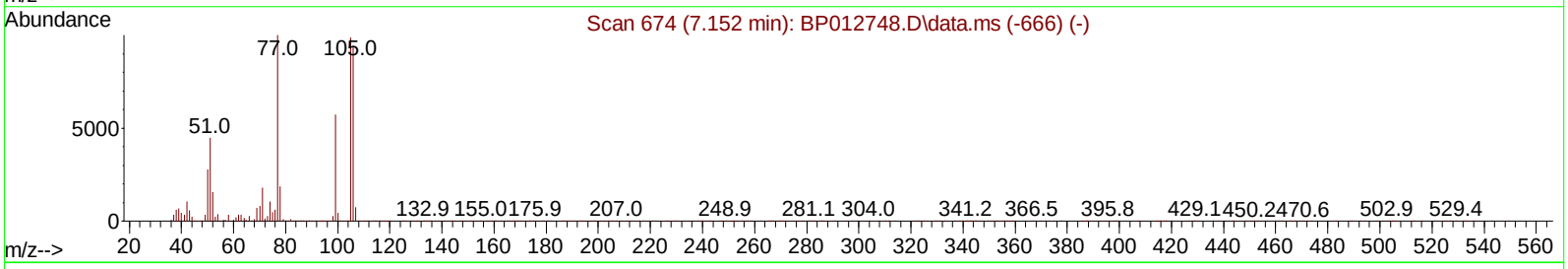
Instrument :
BNA_P
ClientSampleId :
SLCS078

Manual IntegrationsAPPROVED

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







TIC: BP012793.D\data.ms

(6) Benzaldehyde

7.152min (-0.000) 39.55 ng/ul

response 747513

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	103.00
106.00	96.70	100.25
0.00	0.00	0.00

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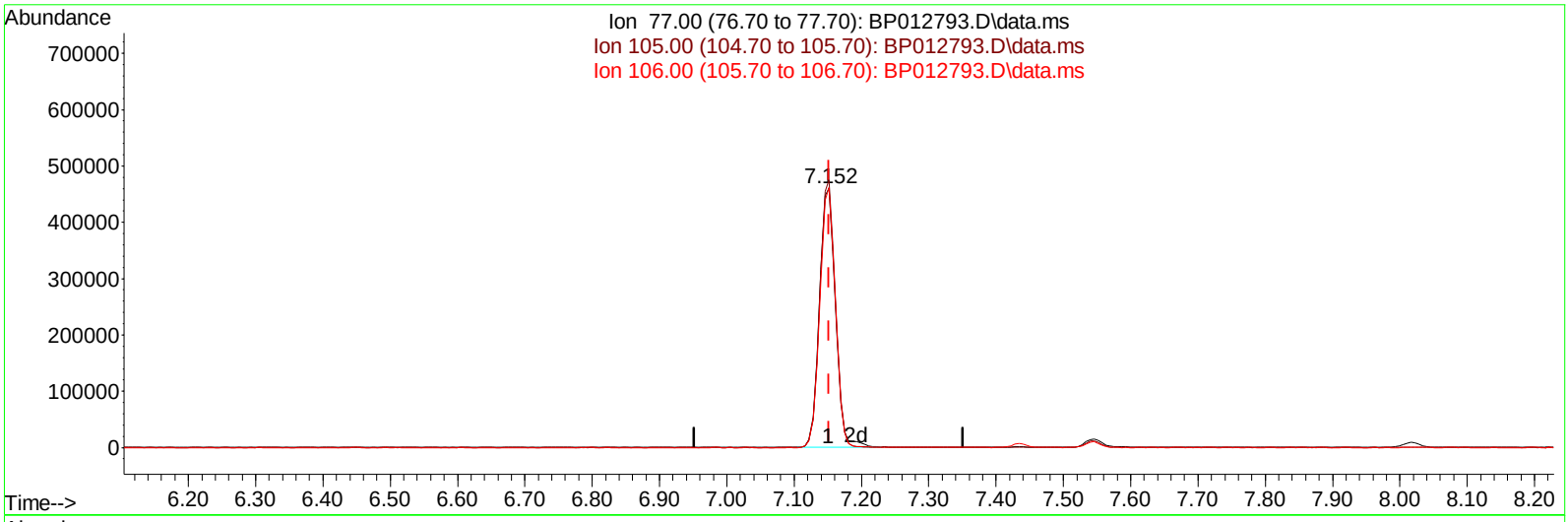

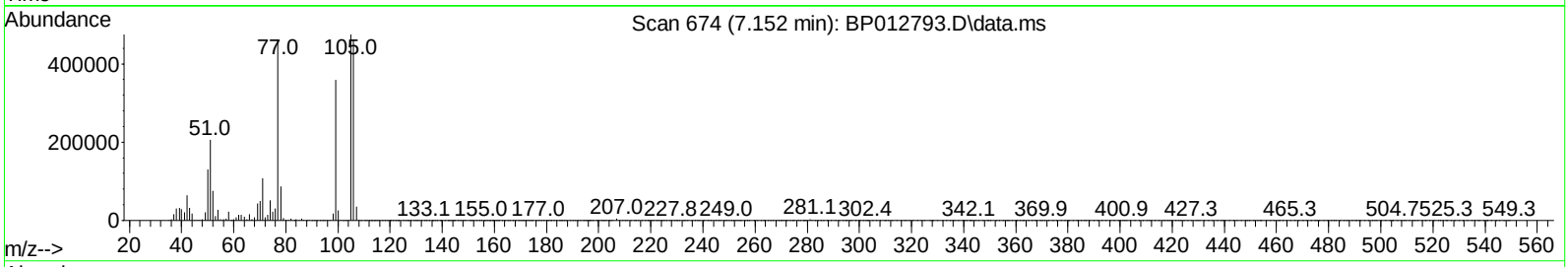

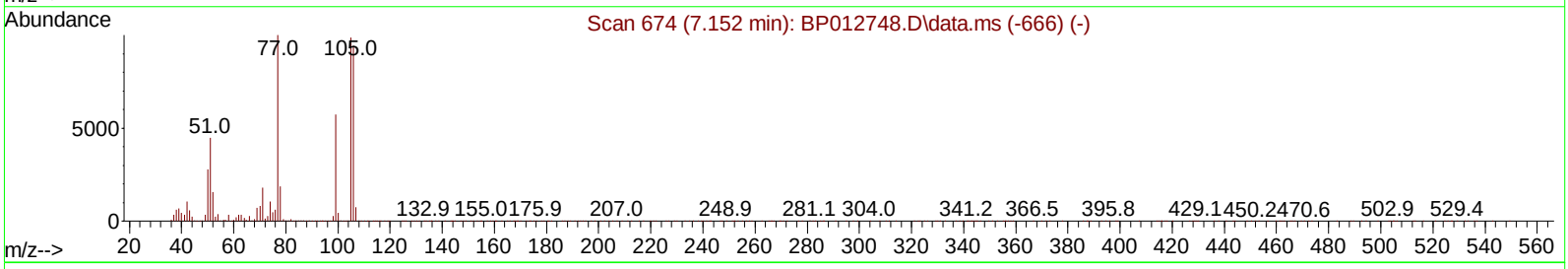

TIC: BP012793.D\data.ms

(6) Benzaldehyde

7.152min (-0.000) 40.21 ng/ul m

response 759974

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	103.00
106.00	96.70	100.25
0.00	0.00	0.00

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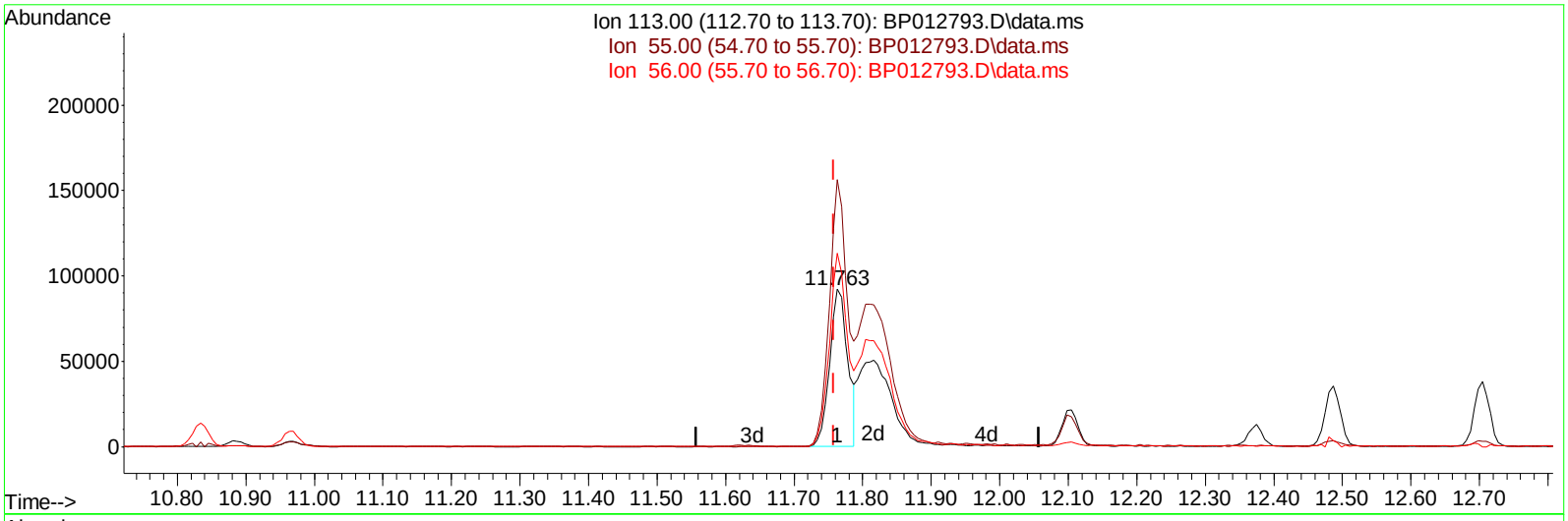

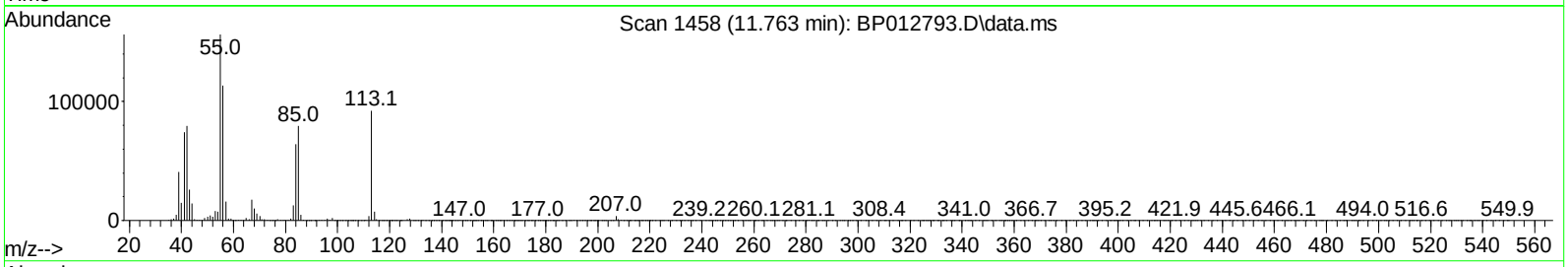

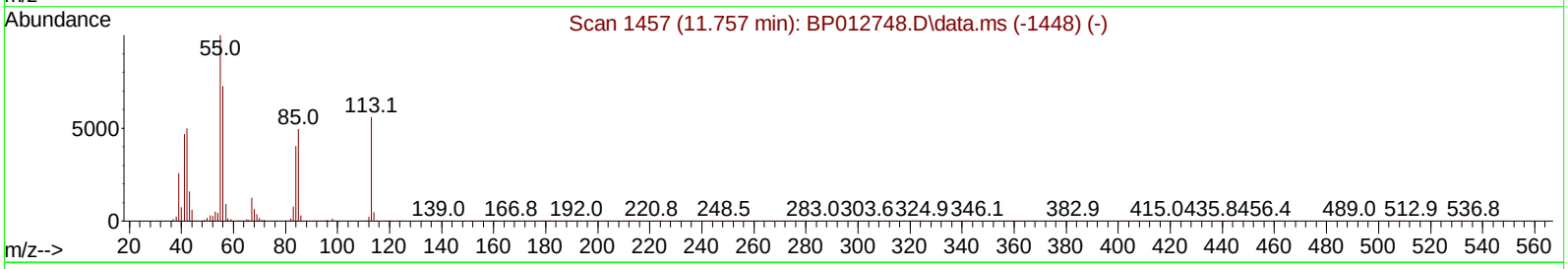

TIC: BP012793.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 16.45 ng/ul

response 170033

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	169.50
56.00	133.90	122.97
0.00	0.00	0.00

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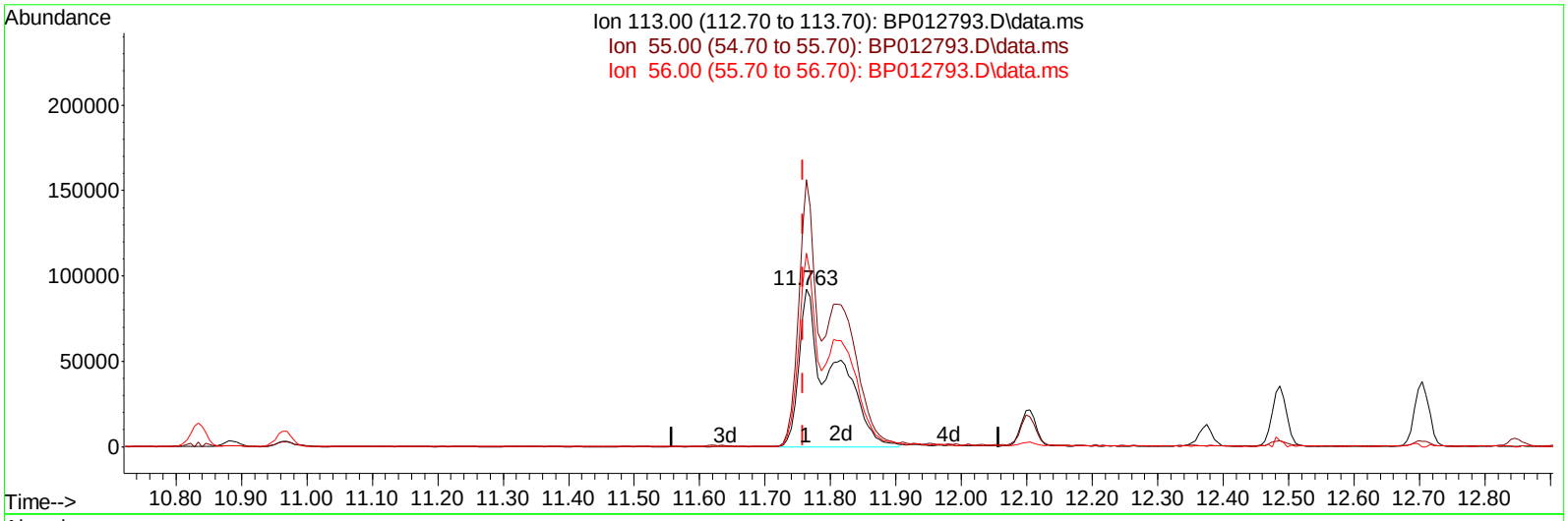

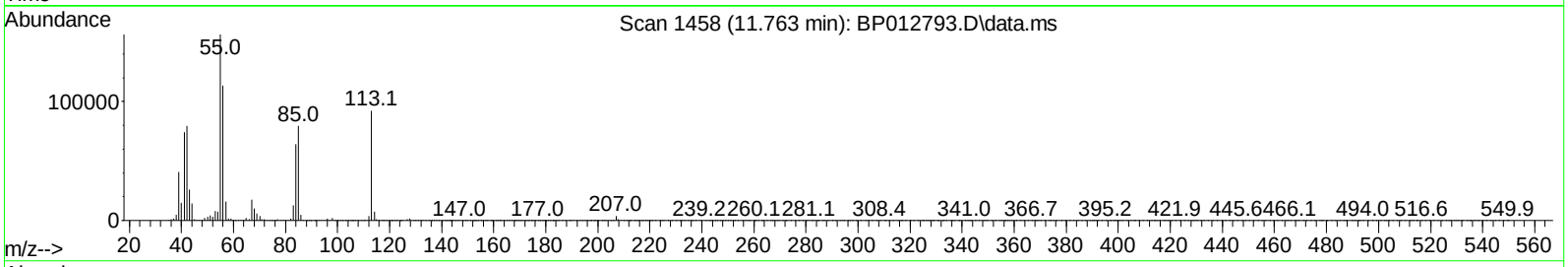

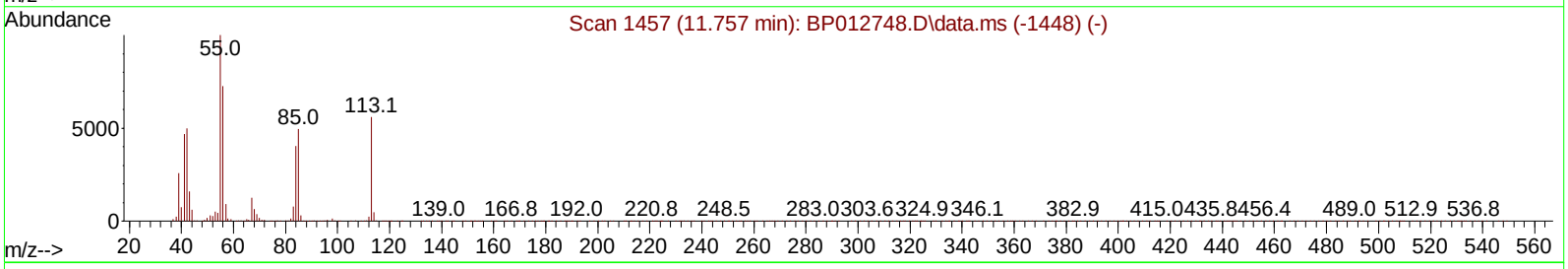

TIC: BP012793.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 32.80 ng/ul m

response 339014

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	169.50
56.00	133.90	122.97
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	8.016	152	471088	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	2142832	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1452912	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.410	188	3182294	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	3264870	20.000	ng/ul	0.00
88) Perylene-d12	24.010	264	3350186	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	70928	6.452	ng/uL	0.00
4) Pyridine-d5	3.816	84	1024339	31.136	ng/ul	0.00
7) Phenol-d5	7.163	99	1471181	38.004	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	859726	36.042	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	1129567	38.295	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	1175853	37.700	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	548756	41.841	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	615635	44.208	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.446	165	1243462	38.268	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1593764	35.818	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	3756494	37.562	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	4301215	36.861	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	724410	40.629	ng/ul	0.00
60) Fluorene-d10	15.645	176	3274766	37.391	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	621562	40.866	ng/ul	0.00
73) Anthracene-d10	17.510	188	5155447	36.803	ng/ul	0.00
81) Pyrene-d10	19.733	212	6128925	32.307	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.851	264	6282015	38.175	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	133682	11.323	ng/uL	97
5) Pyridine	3.834	79	935129	29.049	ng/ul	97
6) Benzaldehyde	7.152	77	759974m	40.208	ng/ul	
8) Phenol	7.193	94	1392050	34.295	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	1100209	33.081	ng/ul	100
12) 2-Chlorophenol	7.575	128	1093508	34.080	ng/ul	100
13) 2-Methylphenol	8.457	108	1074170	34.050	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1522351	31.735	ng/ul	100
16) Acetophenone	8.846	105	1701593	34.422	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.834	70	826076	33.922	ng/ul	97
18) 4-Methylphenol	8.787	108	1182555	34.036	ng/ul	97
19) Hexachloroethane	9.110	117	409316	33.266	ng/ul	94
22) Nitrobenzene	9.228	77	1207871	35.115	ng/ul	98
23) Isophorone	9.757	82	2471521	32.592	ng/ul	99
25) 2-Nitrophenol	9.940	139	639624	38.264	ng/ul	97
26) 2,4-Dimethylphenol	9.993	107	1167927	31.443	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.240	93	1525990	32.823	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	1147330	34.085	ng/ul	100
30) Naphthalene	10.887	128	3678013	32.779	ng/ul	100
32) 4-Chloroaniline	10.993	127	1490775	32.623	ng/ul	99
33) Hexachlorobutadiene	11.169	225	724448	32.312	ng/ul	99
34) Caprolactam	11.763	113	339014m	32.798	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	1199665	35.195	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.487	142	2585044	33.456	ng/ul	99
37) 1-Methylnaphthalene	12.704	142	2581679	33.338	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	1482305	31.994	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	665937	29.830	ng/ul	99
41) 2,4,6-Trichlorophenol	13.087	196	976819	33.696	ng/ul	99
42) 2,4,5-Trichlorophenol	13.151	196	1060516	34.031	ng/ul	99
43) 1,1'-Biphenyl	13.487	154	3451668	32.612	ng/ul	100
44) 2-Chloronaphthalene	13.534	162	2737947	32.336	ng/ul	99
45) 2-Nitroaniline	13.734	65	700175	42.264	ng/ul	99
47) Dimethylphthalate	14.104	163	3546804	33.834	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	682221	41.584	ng/ul	96
50) Acenaphthylene	14.375	152	4246500	33.281	ng/ul	100
51) 3-Nitroaniline	14.551	138	699435	36.812	ng/ul	97
52) Acenaphthene	14.716	153	2948050	32.818	ng/ul	98
53) 2,4-Dinitrophenol	14.751	184	369770	35.075	ng/ul	100
55) 4-Nitrophenol	14.851	109	463264	35.763	ng/ul	97
56) Dibenzofuran	15.051	168	4146198	33.486	ng/ul	100
57) 2,4-Dinitrotoluene	15.010	165	1004809	41.504	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.275	232	960433	35.757	ng/ul	98
59) Diethylphthalate	15.475	149	3500072	34.492	ng/ul	99
61) Fluorene	15.704	166	3370849	33.948	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	1741185	33.797	ng/ul	99
63) 4-Nitroaniline	15.716	138	707887	43.713	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.775	198	605641	37.097	ng/ul#	93
67) N-Nitrosodiphenylamine	15.910	169	2958746	32.714	ng/ul	100
68) 4-Bromophenyl-phenylether	16.592	248	997459	31.847	ng/ul	99
69) Hexachlorobenzene	16.710	284	1314128	32.919	ng/ul	96
70) Atrazine	16.863	200	1100814	35.476	ng/ul	99
71) Pentachlorophenol	17.051	266	822322	33.544	ng/ul	100
72) Phenanthrene	17.451	178	5642972	33.271	ng/ul	100
74) Anthracene	17.545	178	5566549	33.175	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	1489067	30.267	ng/uL	99
76) Pentachlorobenzene	14.969	250	1459366	28.536	ng/uL	99
77) Carbazole	17.810	167	5184289	36.523	ng/ul	100
78) Di-n-butylphthalate	18.357	149	6046933	35.986	ng/ul	99
80) Fluoranthene	19.410	202	6806522	28.845	ng/ul	98
82) Pyrene	19.763	202	6949273	28.474	ng/ul	99
83) Butylbenzylphthalate	20.627	149	2479017	43.407	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.404	252	2238240	37.332	ng/ul	99
85) Benzo(a)anthracene	21.480	228	6961355	30.828	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.392	149	3781016	43.291	ng/ul	100
87) Chrysene	21.533	228	6590241	30.184	ng/ul	100
89) Di-n-octyl phthalate	22.363	149	6374707	33.320	ng/ul	100
90) Benzo(b)fluoranthene	23.239	252	7225607	29.125	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	7336955	29.628	ng/ul	99
93) Benzo(a)pyrene	23.904	252	6444429	31.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.656	276	7759593	39.425	ng/ul	99
95) Dibenzo(a,h)anthracene	26.674	278	6827538	38.230	ng/ul	99
96) Benzo(g,h,i)perylene	27.468	276	6534966	38.603	ng/ul	99

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

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