Quantitation Report (Qedit)

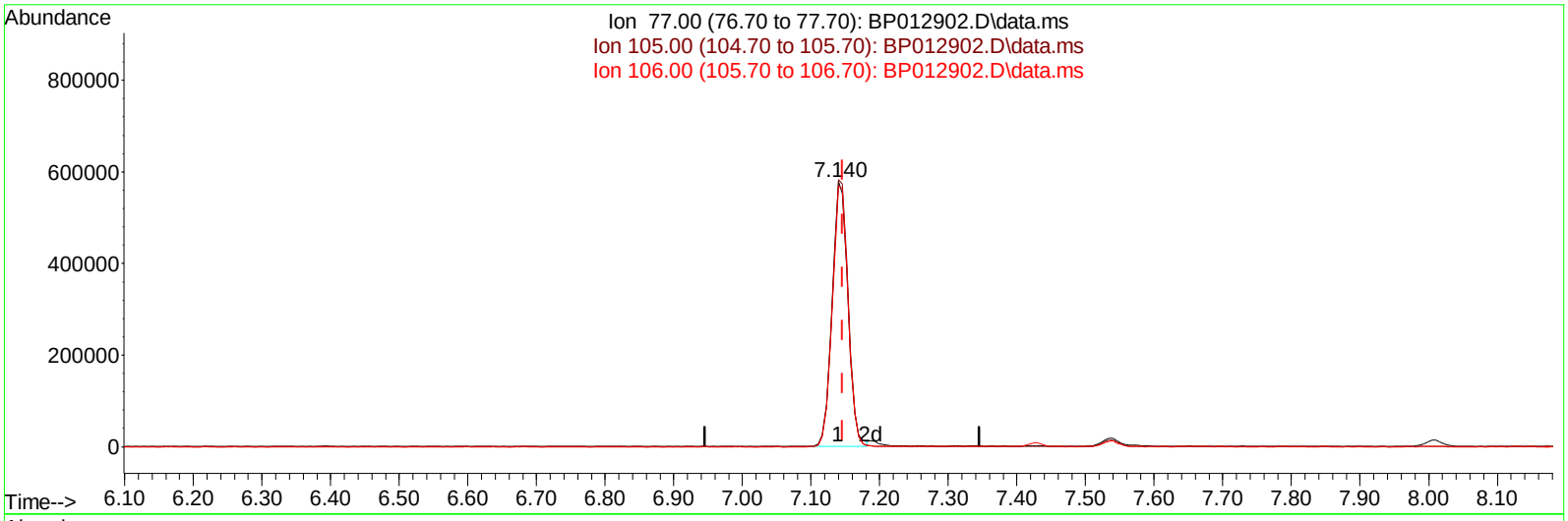
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
Data File : BP012902.D
Acq On : 01 Dec 2022 04:38
Operator : CG/JU
Sample : PB149276BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

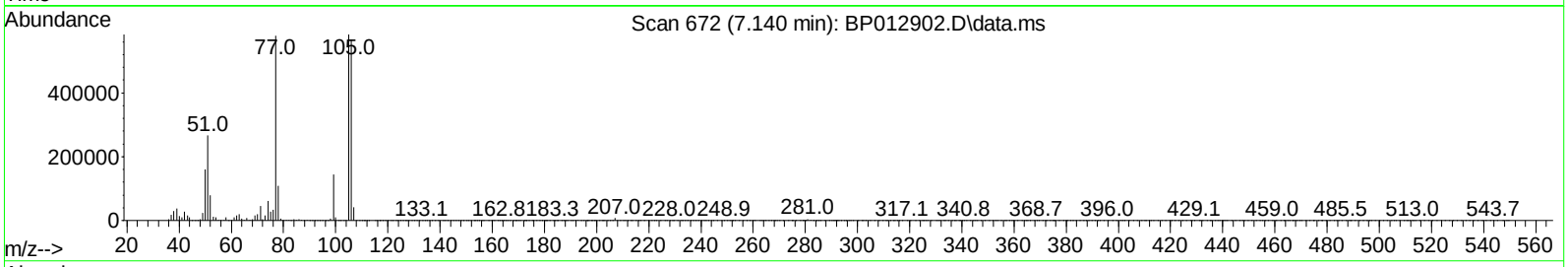
Quant Time: Dec 01 05:20:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

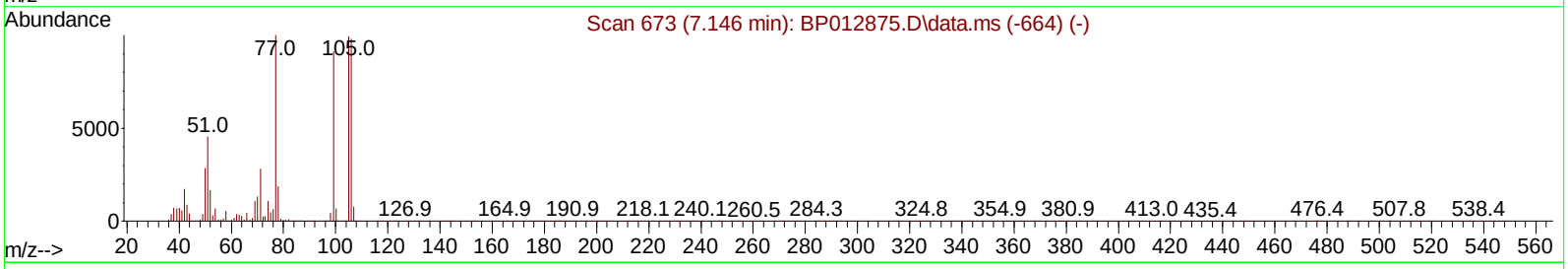
Instrument :
BNA_P
ClientSampleId :
SLCS276

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/01/2022
Supervised By :mohammad ahmed 12/02/2022







TIC: BP012902.D\data.ms

(6) Benzaldehyde

7.140min (-0.006) 32.22 ng/ul

response 923163

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	100.74
106.00	96.70	98.15
0.00	0.00	0.00

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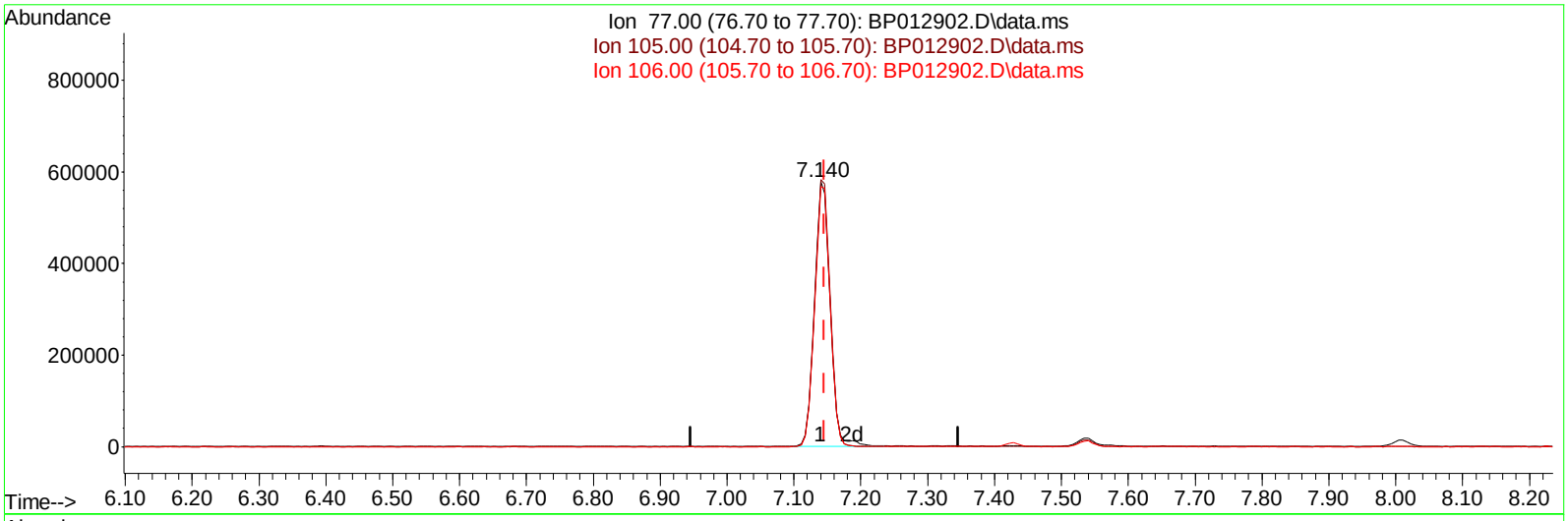

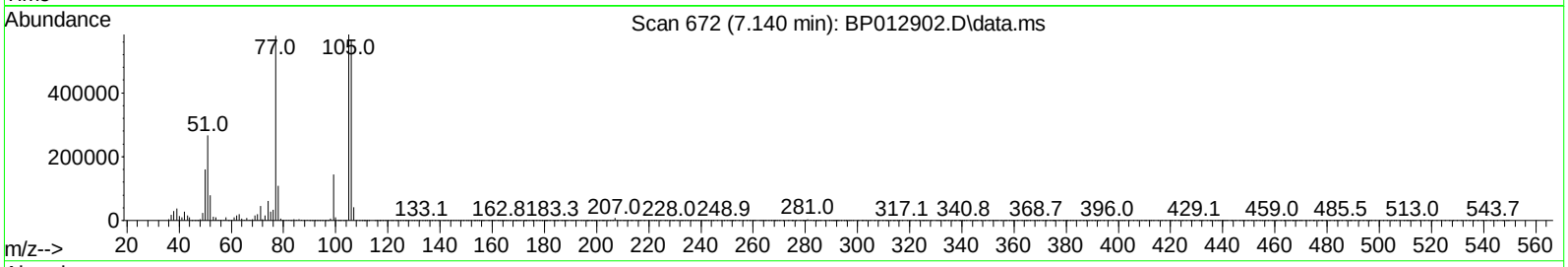

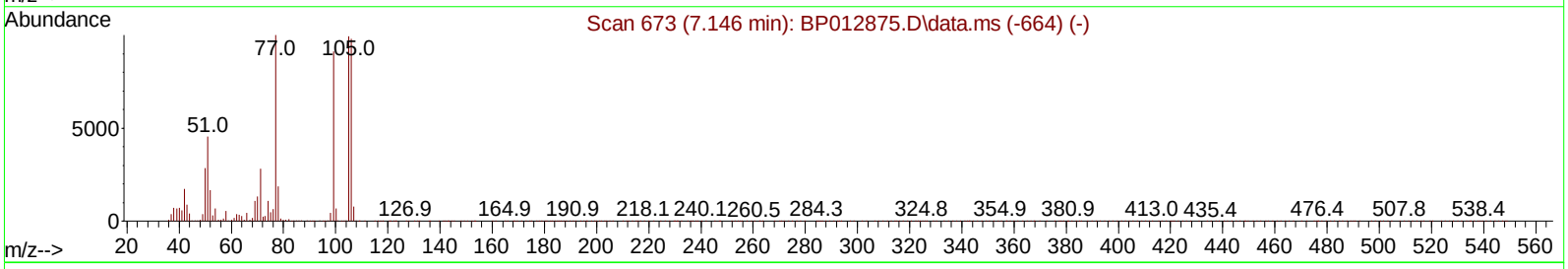

TIC: BP012902.D\data.ms

(6) Benzaldehyde

7.140min (-0.006) 32.83 ng/ul m

response 940722

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	100.74
106.00	96.70	98.15
0.00	0.00	0.00

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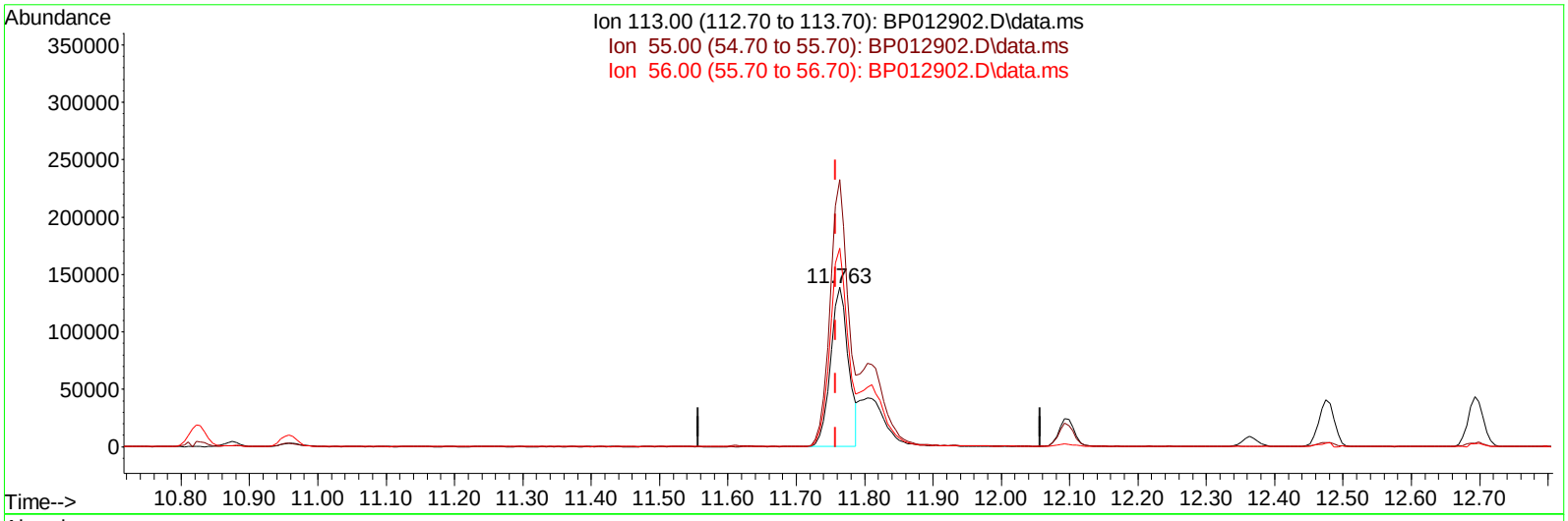

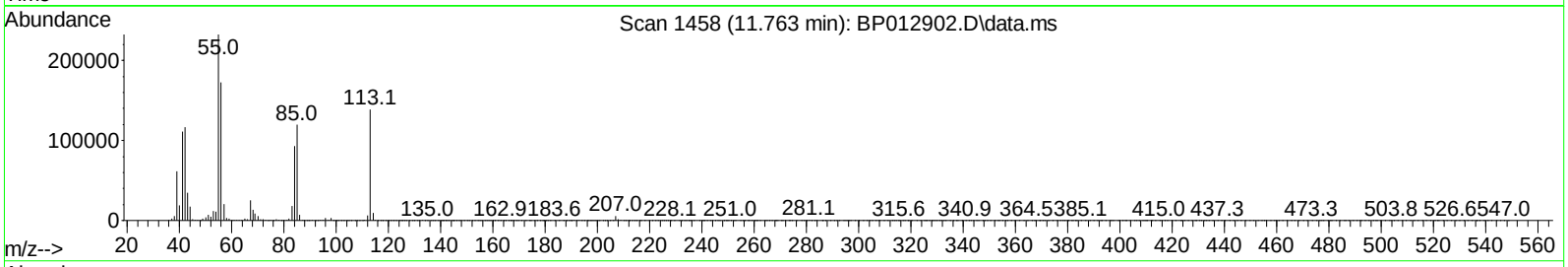

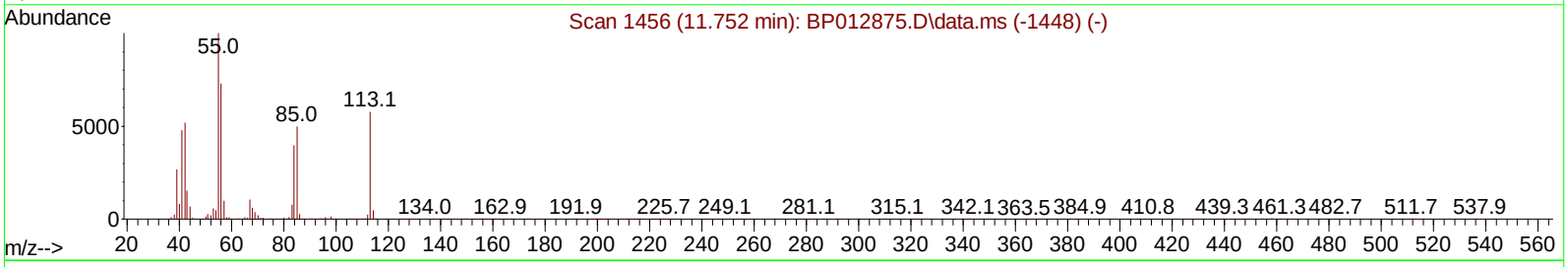

TIC: BP012902.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 16.57 ng/ul

response 254321

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	167.45
56.00	133.90	124.57
0.00	0.00	0.00

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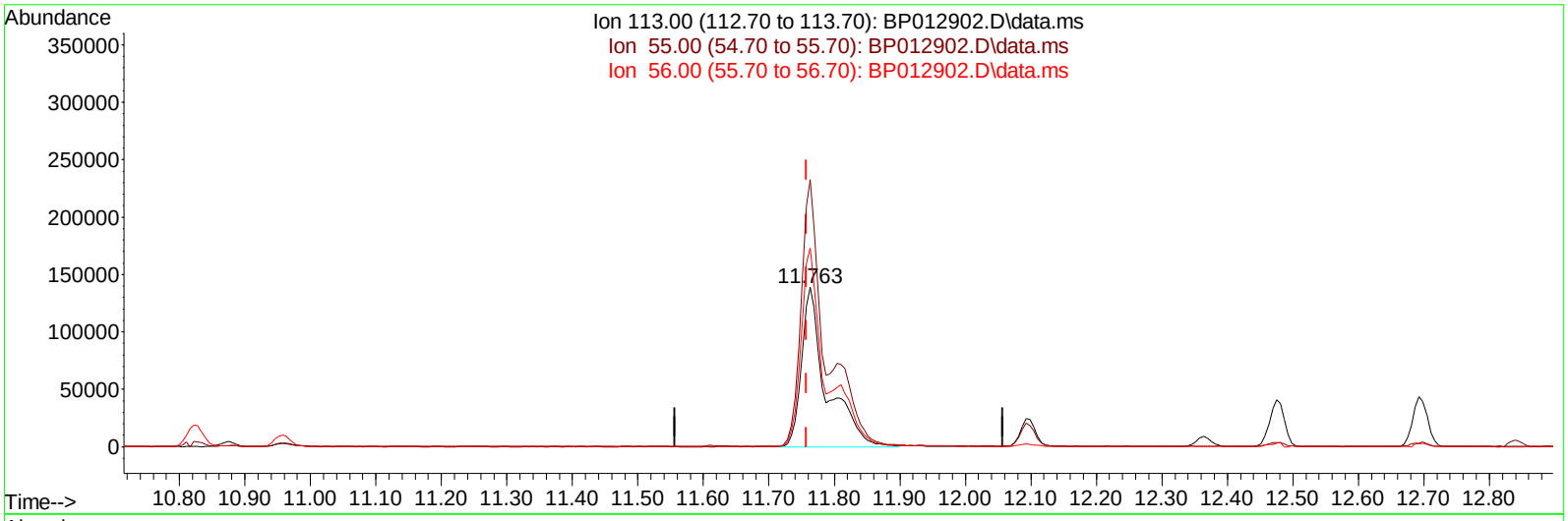

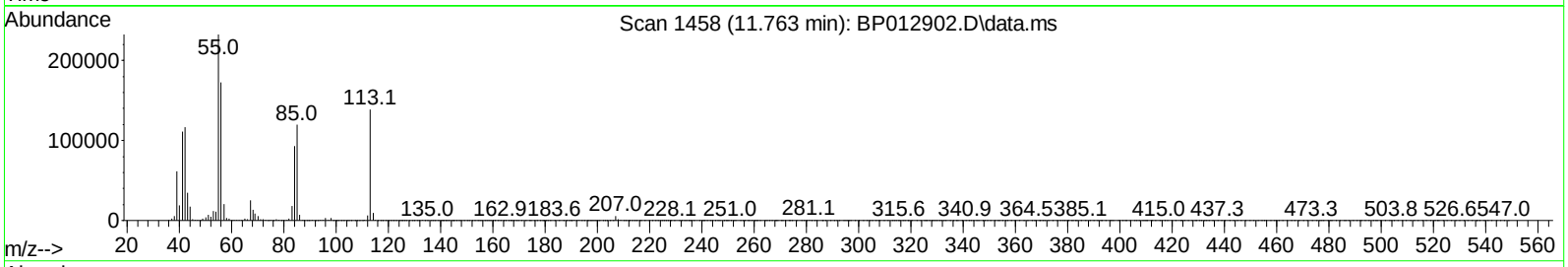

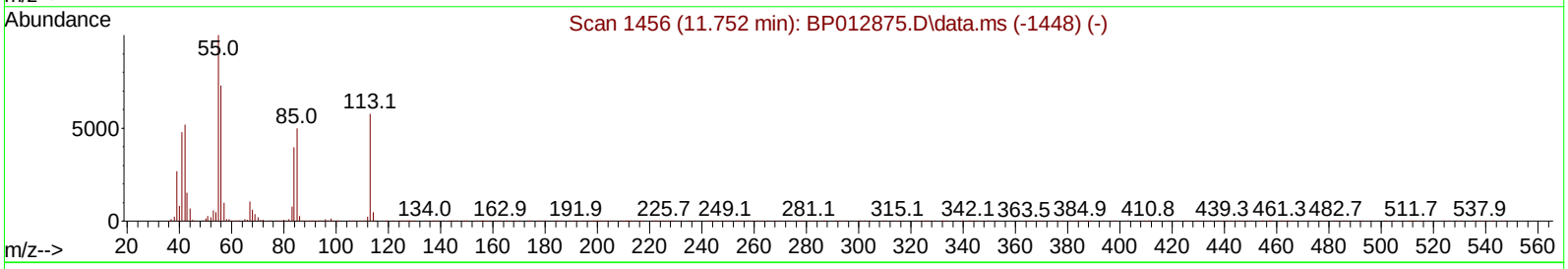

TIC: BP012902.D\data.ms

(34) Caprolactam

11.763min (+ 0.006) 23.91 ng/ul m

response 367044

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	167.45
56.00	133.90	124.57
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	8.011	152	714102	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	3182349	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.646	164	1988569	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	3530385	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	2358062	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	2521624	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	89903	5.395	ng/uL	0.00
4) Pyridine-d5	3.817	84	1152348	23.107	ng/ul	0.00
7) Phenol-d5	7.164	99	1689784	28.797	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	1005723	27.815	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	1337741	29.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1351078	28.577	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	651340	33.440	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	745100	36.027	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	1427182	29.575	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1778789	26.918	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	3765431	27.510	ng/ul	0.00
49) Acenaphthylene-d8	14.340	160	4486376	28.091	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	570915	23.395	ng/ul	0.00
60) Fluorene-d10	15.640	176	3229202	26.939	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	522772	30.982	ng/ul	0.00
73) Anthracene-d10	17.498	188	4363864	28.081	ng/ul	0.00
81) Pyrene-d10	19.728	212	3973757	29.002	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	3509095	28.331	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	175525	9.807	ng/uL	99
5) Pyridine	3.840	79	1163710	23.848	ng/ul	98
6) Benzaldehyde	7.140	77	940722m	32.834	ng/ul	
8) Phenol	7.187	94	1688123	27.436	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	1353436	26.847	ng/ul	99
12) 2-Chlorophenol	7.569	128	1360473	27.971	ng/ul	99
13) 2-Methylphenol	8.446	108	1297999	27.143	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.534	45	1885721	25.932	ng/ul	100
16) Acetophenone	8.834	105	2028970	27.077	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	1005152	27.230	ng/ul	98
18) 4-Methylphenol	8.781	108	1409966	26.772	ng/ul	96
19) Hexachloroethane	9.099	117	522850	28.032	ng/ul	93
22) Nitrobenzene	9.216	77	1471214	28.799	ng/ul	99
23) Isophorone	9.752	82	2895655	25.712	ng/ul	98
25) 2-Nitrophenol	9.934	139	790664	31.850	ng/ul	95
26) 2,4-Dimethylphenol	9.987	107	1422451	25.786	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1843258	26.696	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	1375630	27.518	ng/ul	100
30) Naphthalene	10.875	128	4376495	26.263	ng/ul	100
32) 4-Chloroaniline	10.981	127	1619975	23.870	ng/ul	99
33) Hexachlorobutadiene	11.163	225	918304	27.579	ng/ul	99
34) Caprolactam	11.763	113	367044m	23.911	ng/ul	
35) 4-Chloro-3-methylphenol	12.093	107	1354466	26.756	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.475	142	3038778	26.481	ng/ul	100
37) 1-Methylnaphthalene	12.693	142	3011312	26.184	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.840	216	1759671	27.750	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	904470	29.602	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	1122830	28.299	ng/ul	100
42) 2,4,5-Trichlorophenol	13.146	196	1196786	28.059	ng/ul	98
43) 1,1'-Biphenyl	13.481	154	3921051	27.068	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	3118849	26.912	ng/ul	99
45) 2-Nitroaniline	13.722	65	762172	33.614	ng/ul	97
47) Dimethylphthalate	14.099	163	3739840	26.065	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	735521	32.756	ng/ul	99
50) Acenaphthylene	14.369	152	4657554	26.670	ng/ul	100
51) 3-Nitroaniline	14.546	138	707183	27.194	ng/ul	96
52) Acenaphthene	14.710	153	3223025	26.215	ng/ul	98
53) 2,4-Dinitrophenol	14.746	184	344840	23.899	ng/ul	98
55) 4-Nitrophenol	14.846	109	388078	21.889	ng/ul	97
56) Dibenzofuran	15.046	168	4445054	26.230	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	970103	29.276	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.263	232	949285	25.822	ng/ul	99
59) Diethylphthalate	15.463	149	3462314	24.929	ng/ul	99
61) Fluorene	15.693	166	3487419	25.661	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.687	204	1851432	26.257	ng/ul	98
63) 4-Nitroaniline	15.710	138	619244	27.939	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	534584	29.516	ng/ul	97
67) N-Nitrosodiphenylamine	15.898	169	2951369	29.415	ng/ul	99
68) 4-Bromophenyl-phenylether	16.587	248	1114881	32.086	ng/ul	98
69) Hexachlorobenzene	16.698	284	1271264	28.705	ng/ul	99
70) Atrazine	16.851	200	648101	18.827	ng/ul	98
71) Pentachlorophenol	17.045	266	635709	23.375	ng/ul	98
72) Phenanthrene	17.445	178	4986830	26.504	ng/ul	99
74) Anthracene	17.534	178	4955242	26.620	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.446	216	1739763	31.876	ng/uL	99
76) Pentachlorobenzene	14.963	250	1601916	28.235	ng/uL	99
77) Carbazole	17.804	167	4006685	25.444	ng/ul	99
78) Di-n-butylphthalate	18.345	149	4613303	24.747	ng/ul	99
80) Fluoranthene	19.398	202	4744575	27.839	ng/ul	99
82) Pyrene	19.757	202	4791519	27.183	ng/ul	96
83) Butylbenzylphthalate	20.622	149	1434064	34.767	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.398	252	1305339	30.144	ng/ul	97
85) Benzo(a)anthracene	21.469	228	4053870	24.856	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.380	149	1935912	30.689	ng/ul	99
87) Chrysene	21.522	228	3835342	24.321	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	3186698	22.130	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	4262342	22.826	ng/ul	100
91) Benzo(k)fluoranthene	23.274	252	4170808	22.377	ng/ul	99
93) Benzo(a)pyrene	23.880	252	3854537	25.103	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.627	276	5192678	35.052	ng/ul	98
95) Dibenzo(a,h)anthracene	26.645	278	4594238	34.178	ng/ul	99
96) Benzo(g,h,i)perylene	27.439	276	4554552	35.744	ng/ul	99

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

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