Quantitation Report (Qedit)

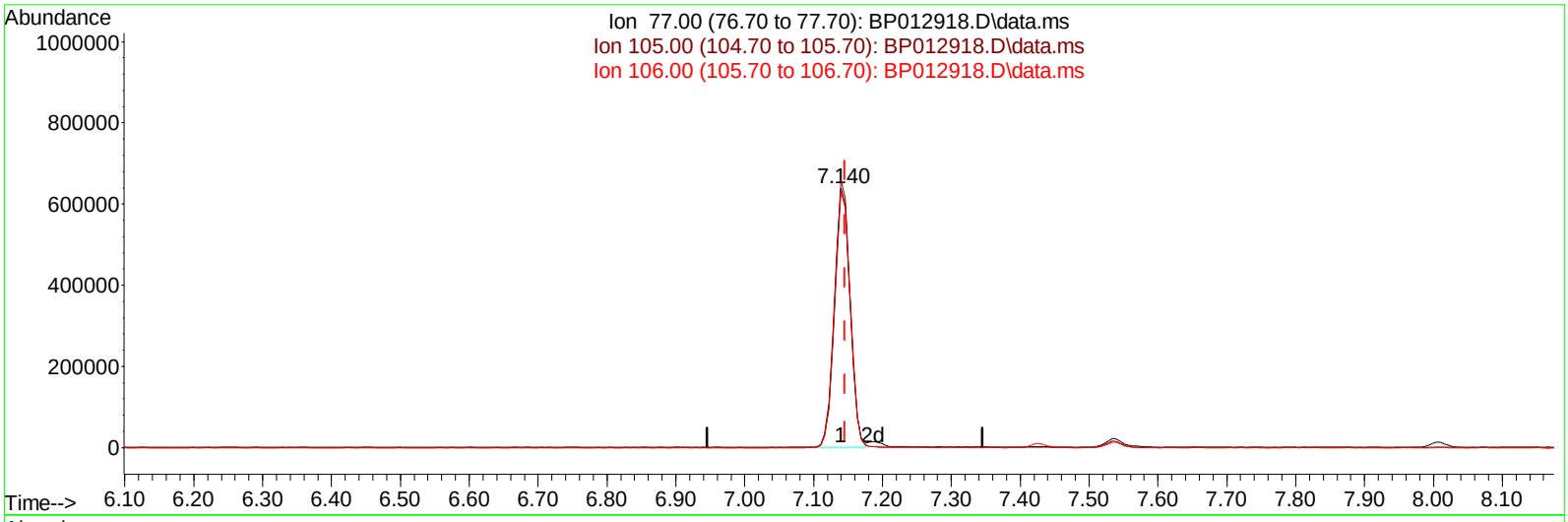
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP113022\
Data File : BP012918.D
Acq On : 01 Dec 2022 14:51
Operator : CG/JU
Sample : PB149320BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

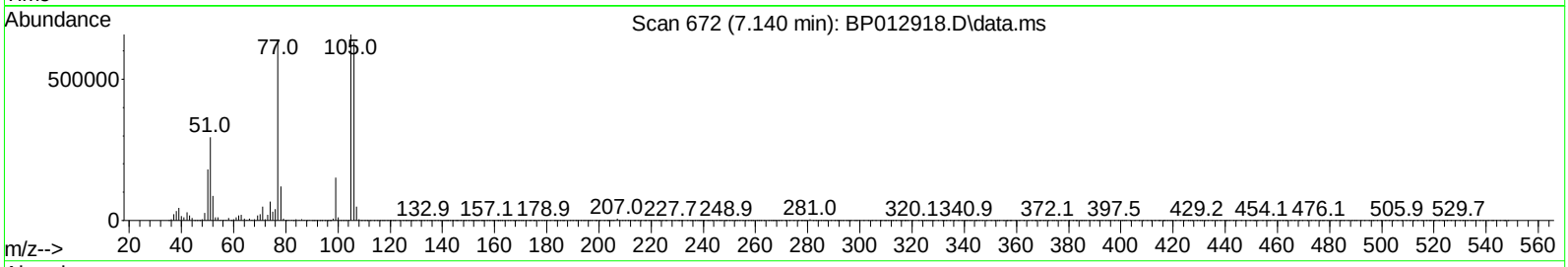
Quant Time: Dec 01 21:38:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 29 22:53:34 2022
Response via : Initial Calibration

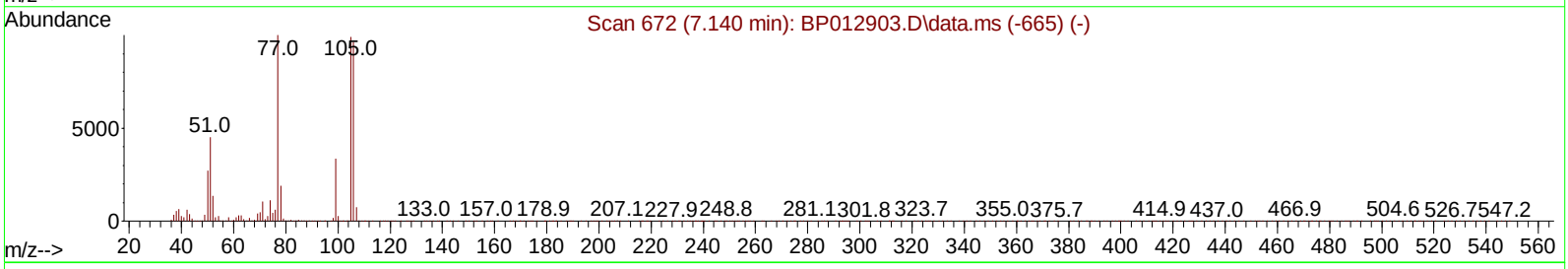
Instrument :
BNA_P
ClientSampleId :
SLCS320

Manual IntegrationsAPPROVED

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







TIC: BP012918.D\data.ms

(6) Benzaldehyde

7.140min (-0.006) 40.32 ng/ul

response 1007033

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	102.96
106.00	96.70	98.64
0.00	0.00	0.00

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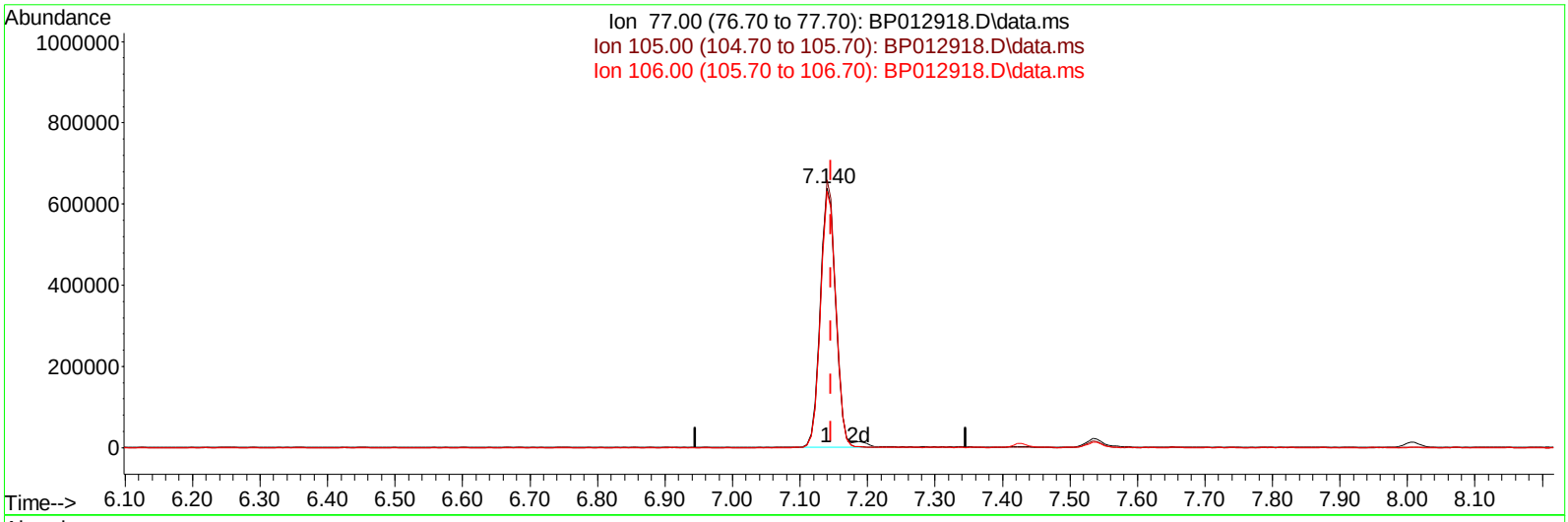

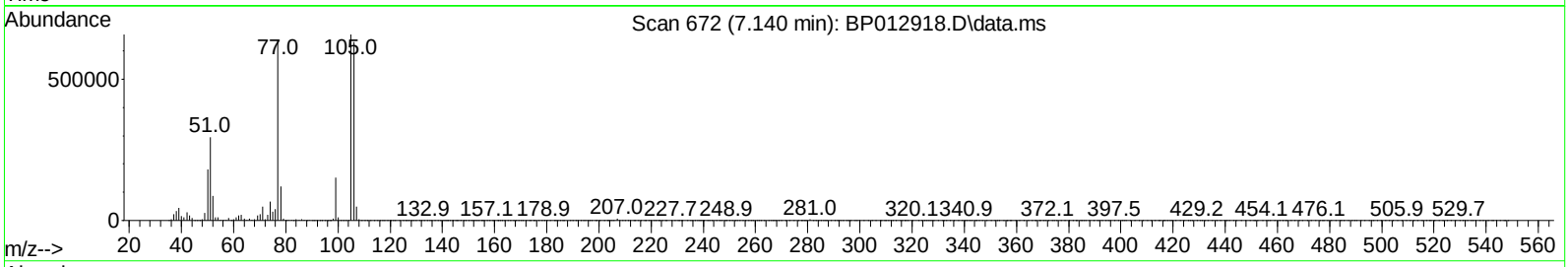

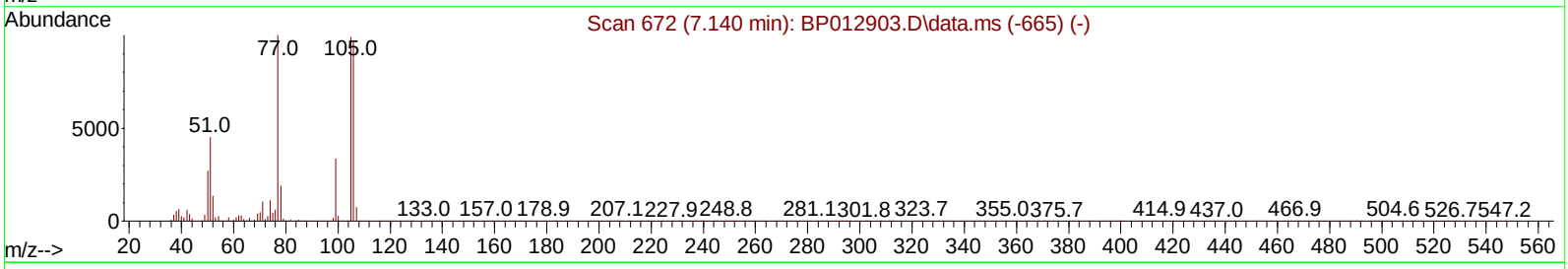

TIC: BP012918.D\data.ms

(6) Benzaldehyde

7.140min (-0.006) 41.19 ng/ul m

response 1028722

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	101.80	102.96
106.00	96.70	98.64
0.00	0.00	0.00

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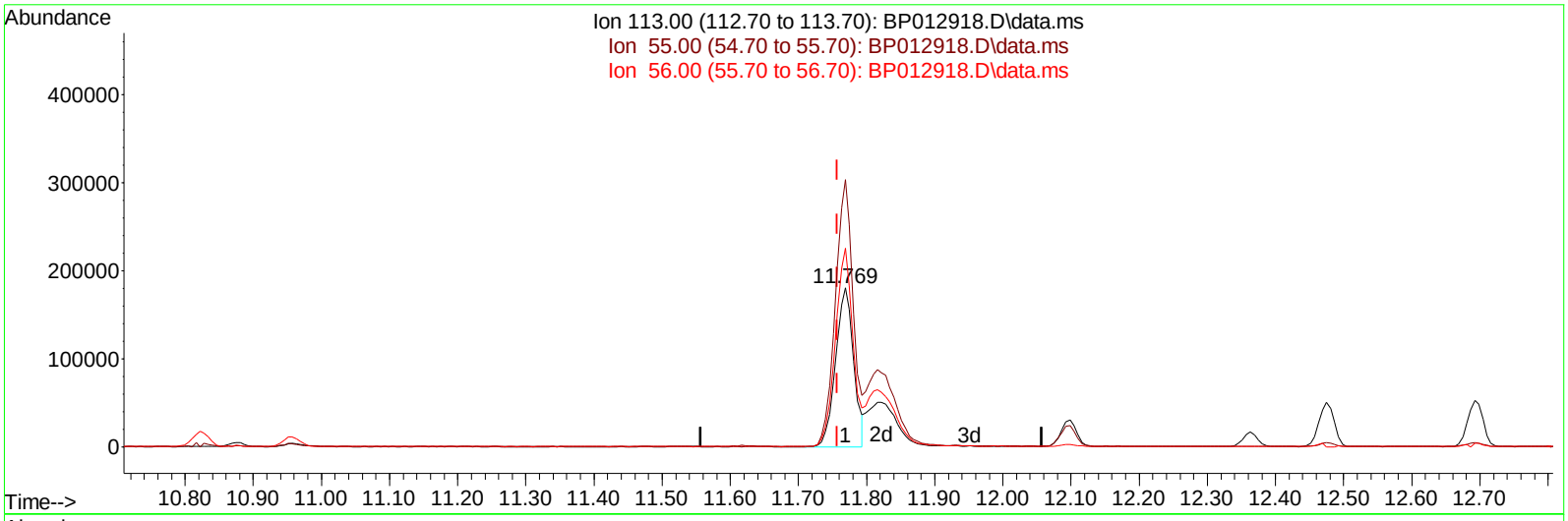

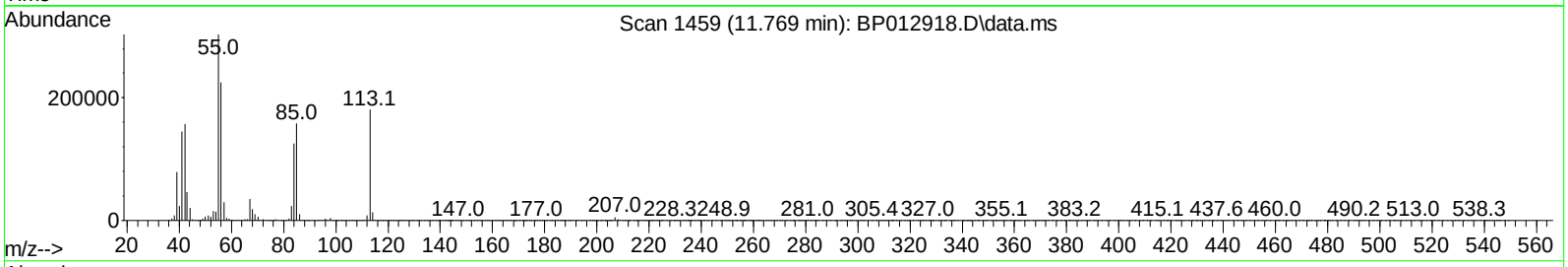

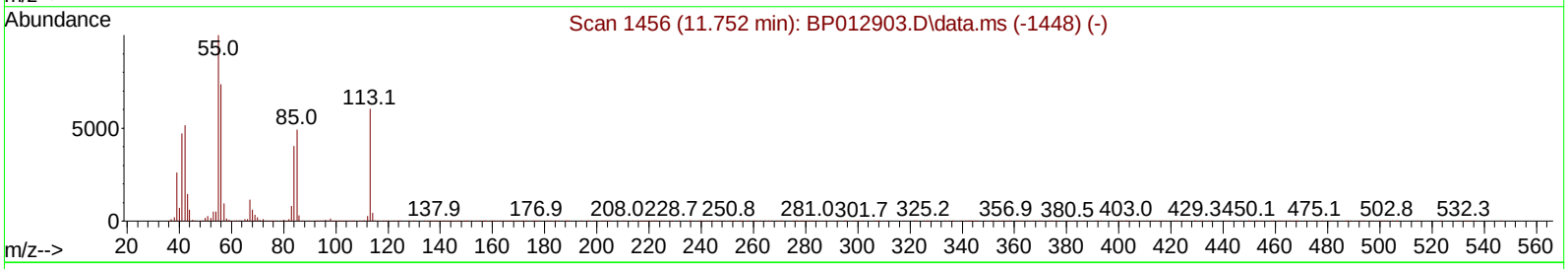

TIC: BP012918.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 24.32 ng/ul

response 330228

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	167.76
56.00	133.90	124.65
0.00	0.00	0.00

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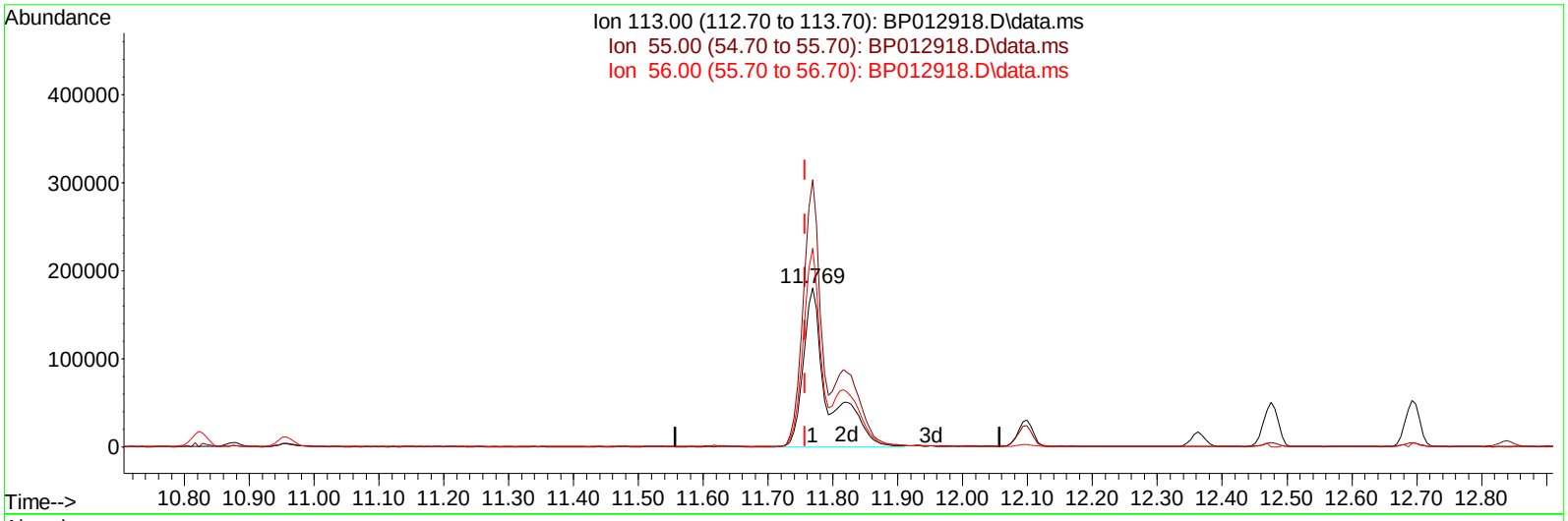

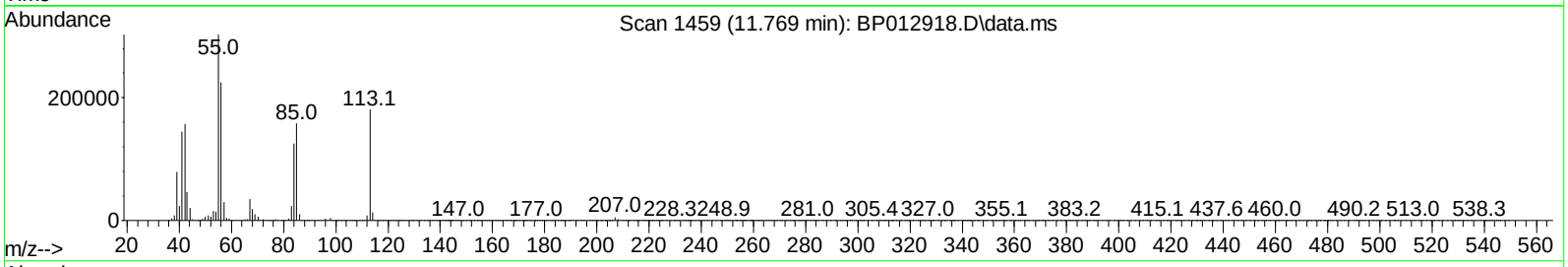

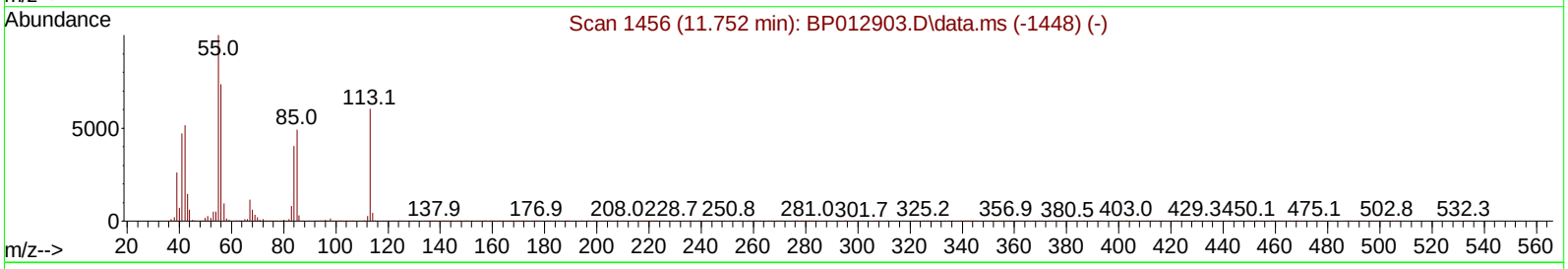

TIC: BP012918.D\data.ms

(34) Caprolactam

11.769min (+ 0.012) 35.65 ng/ul m

response 484111

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	182.40	167.76
56.00	133.90	124.65
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	8.005	152	622523	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	2814984	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1842490	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	3631114	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	2315101	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	2095184	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	96391	6.635	ng/uL	0.00
4) Pyridine-d5	3.816	84	1349770	31.047	ng/ul	0.00
7) Phenol-d5	7.163	99	1903922	37.219	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	1107768	35.144	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	1476895	37.890	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	1509667	36.629	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	731288	42.444	ng/ul	0.00
24) 2-Nitrophenol-d4	9.899	143	831661	45.460	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	1607370	37.656	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1928995	33.001	ng/ul	0.00
46) Dimethylphthalate-d6	14.051	166	4504806	35.521	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	5208088	35.196	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	736645	32.580	ng/ul	0.00
60) Fluorene-d10	15.639	176	3896365	35.081	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	694714	40.030	ng/ul	0.00
73) Anthracene-d10	17.498	188	5629633	35.221	ng/ul	0.00
81) Pyrene-d10	19.722	212	5402943	40.164	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	3818699	37.106	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	199454	12.784	ng/uL	98
5) Pyridine	3.834	79	1374107	32.302	ng/ul	99
6) Benzaldehyde	7.140	77	1028722m	41.187	ng/ul	
8) Phenol	7.187	94	1984593	36.999	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.428	93	1585276	36.071	ng/ul	99
12) 2-Chlorophenol	7.569	128	1592311	37.554	ng/ul	98
13) 2-Methylphenol	8.446	108	1532216	36.754	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.540	45	2203615	34.762	ng/ul	99
16) Acetophenone	8.840	105	2357206	36.085	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.828	70	1183937	36.791	ng/ul	97
18) 4-Methylphenol	8.781	108	1687191	36.748	ng/ul	96
19) Hexachloroethane	9.099	117	609159	37.464	ng/ul	93
22) Nitrobenzene	9.216	77	1724509	38.163	ng/ul	99
23) Isophorone	9.751	82	3464043	34.773	ng/ul	98
25) 2-Nitrophenol	9.934	139	936188	42.633	ng/ul	95
26) 2,4-Dimethylphenol	9.987	107	1704578	34.933	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.228	93	2163450	35.422	ng/ul	99
29) 2,4-Dichlorophenol	10.463	162	1643298	37.162	ng/ul	100
30) Naphthalene	10.875	128	5125676	34.773	ng/ul	100
32) 4-Chloroaniline	10.981	127	1824638	30.395	ng/ul	99
33) Hexachlorobutadiene	11.157	225	1069406	36.309	ng/ul	99
34) Caprolactam	11.769	113	484111m	35.653	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	1660995	37.094	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	12.475	142	3602205	35.488	ng/ul	100
37) 1-Methylnaphthalene	12.692	142	3575118	35.143	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.840	216	2094616	35.651	ng/ul	98
40) Hexachlorocyclopentadiene	12.822	237	1096966	38.748	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	1369608	37.256	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	1481791	37.495	ng/ul	99
43) 1,1'-Biphenyl	13.481	154	4700266	35.019	ng/ul	99
44) 2-Chloronaphthalene	13.522	162	3745197	34.879	ng/ul	100
45) 2-Nitroaniline	13.722	65	969354	46.141	ng/ul	97
47) Dimethylphthalate	14.098	163	4726588	35.554	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	945430	45.443	ng/ul	97
50) Acenaphthylene	14.369	152	5667119	35.024	ng/ul	100
51) 3-Nitroaniline	14.545	138	914896	37.970	ng/ul	97
52) Acenaphthene	14.710	153	3914778	34.366	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	457858	34.248	ng/ul	97
55) 4-Nitrophenol	14.845	109	513995	31.289	ng/ul	96
56) Dibenzofuran	15.039	168	5494808	34.995	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	1303138	42.445	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	1238155	36.350	ng/ul	99
59) Diethylphthalate	15.463	149	4521693	35.138	ng/ul	98
61) Fluorene	15.692	166	4363764	34.655	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	2344484	35.885	ng/ul	97
63) 4-Nitroaniline	15.710	138	834970	40.658	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	746729	40.085	ng/ul#	96
67) N-Nitrosodiphenylamine	15.898	169	3788709	36.713	ng/ul	99
68) 4-Bromophenyl-phenylether	16.581	248	1422961	39.816	ng/ul	99
69) Hexachlorobenzene	16.698	284	1690242	37.107	ng/ul	98
70) Atrazine	16.851	200	1035285	29.240	ng/ul	99
71) Pentachlorophenol	17.039	266	890801	31.846	ng/ul	99
72) Phenanthrene	17.439	178	6722763	34.738	ng/ul	99
74) Anthracene	17.533	178	6689425	34.940	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	2088875	37.211	ng/uL	99
76) Pentachlorobenzene	14.957	250	2003773	34.338	ng/uL	100
77) Carbazole	17.798	167	5617273	34.682	ng/ul	100
78) Di-n-butylphthalate	18.339	149	6850815	35.731	ng/ul	99
80) Fluoranthene	19.398	202	6827926	40.807	ng/ul	99
82) Pyrene	19.751	202	6800747	39.298	ng/ul	99
83) Butylbenzylphthalate	20.616	149	2217170	54.749	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.392	252	1619435	38.092	ng/ul	100
85) Benzo(a)anthracene	21.468	228	5299167	33.094	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.374	149	2870068	46.342	ng/ul	99
87) Chrysene	21.521	228	4989386	32.227	ng/ul	99
89) Di-n-octyl phthalate	22.339	149	4279632	35.769	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	4921016	31.718	ng/ul	100
91) Benzo(k)fluoranthene	23.268	252	4933093	31.853	ng/ul	99
93) Benzo(a)pyrene	23.880	252	4447965	34.864	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.615	276	5835777	47.411	ng/ul	98
95) Dibenzo(a,h)anthracene	26.639	278	5158713	46.188	ng/ul	99
96) Benzo(g,h,i)perylene	27.433	276	5082563	48.007	ng/ul	98

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

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