Quantitation Report (Qedit)

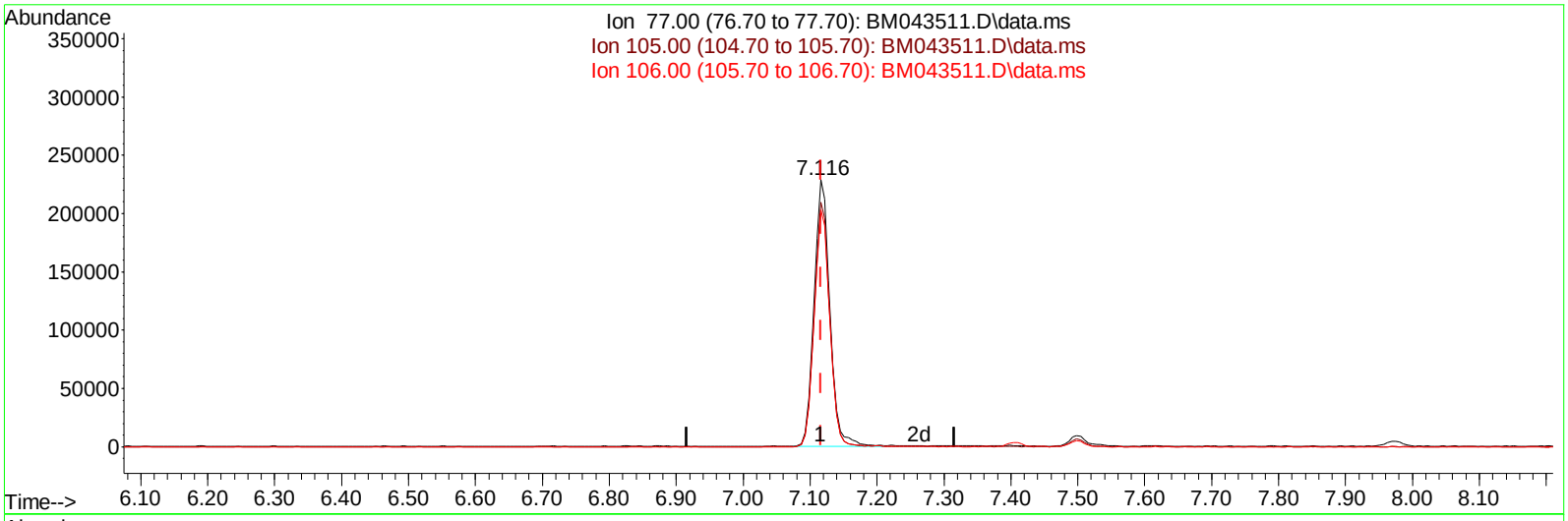
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043511.D
Acq On : 21 Dec 2023 20:11
Operator : MA/JU
Sample : PB157924BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

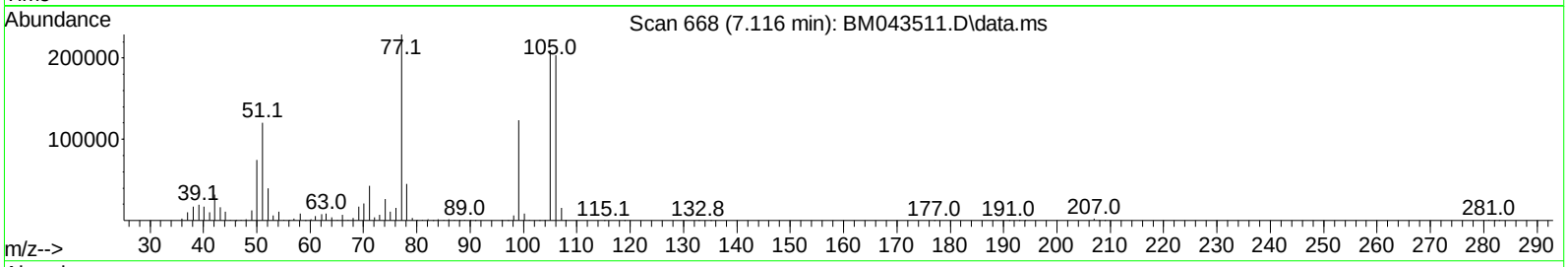
Quant Time: Dec 21 22:02:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 21:59:32 2023
Response via : Initial Calibration

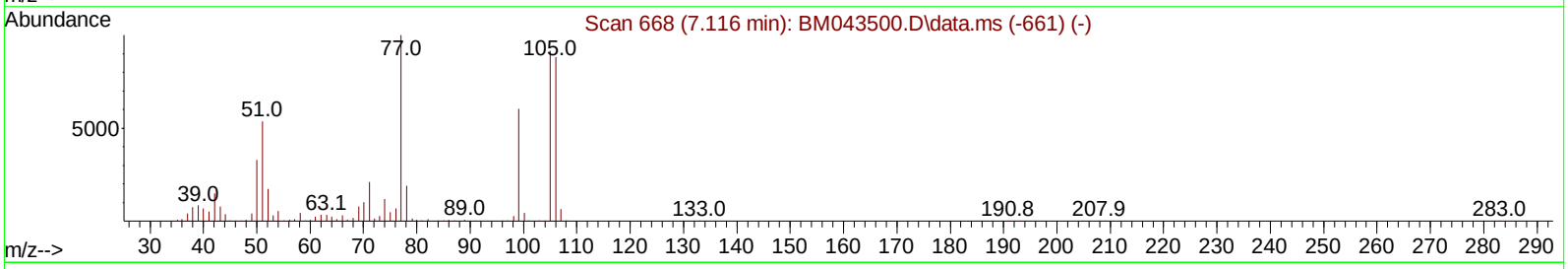
Instrument :
BNA_M
ClientSampleId :
SLCS924

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/22/2023
Supervised By :mohammad ahmed 12/25/2023







TIC: BM043511.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 34.75 ng/ul

response 374638

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.50
106.00	89.20	88.87
0.00	0.00	0.00

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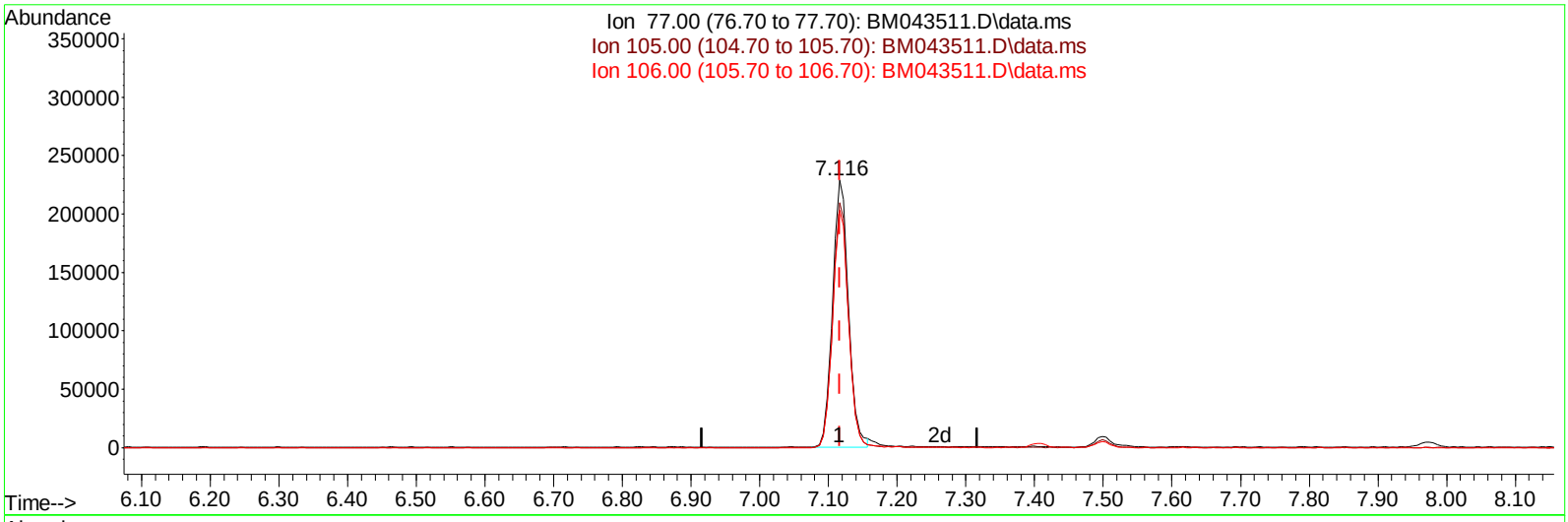

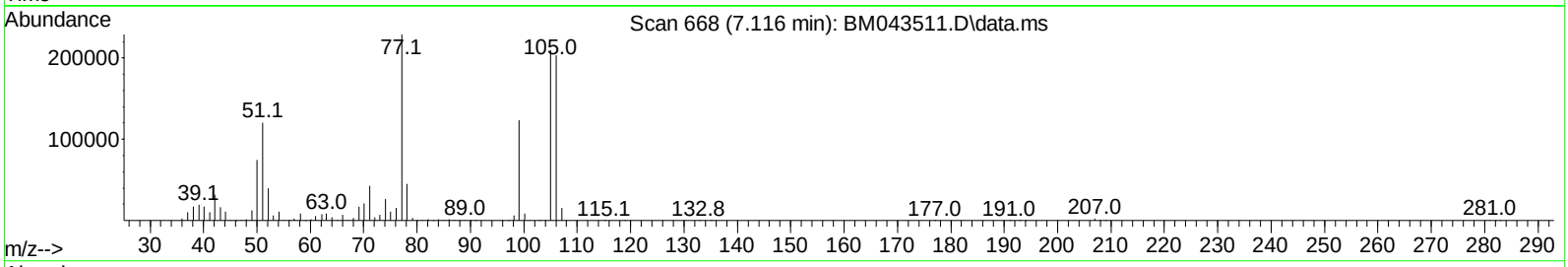

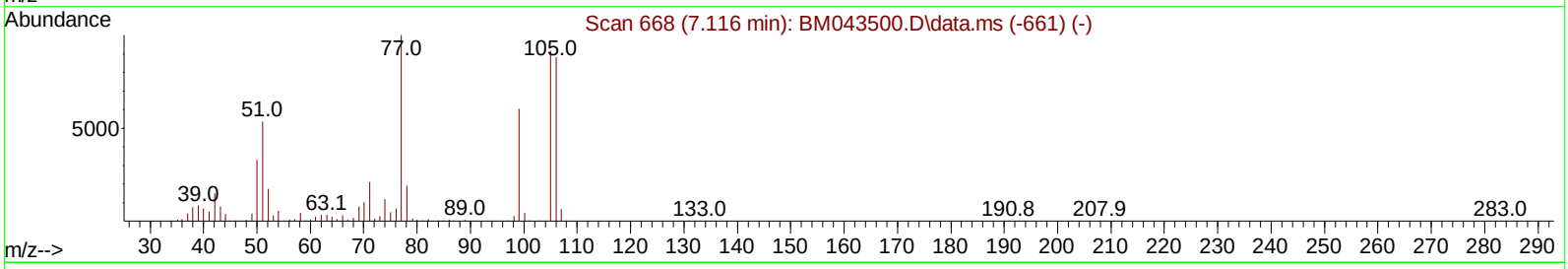

TIC: BM043511.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 34.31 ng/ul m

response 369875

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.50
106.00	89.20	88.87
0.00	0.00	0.00

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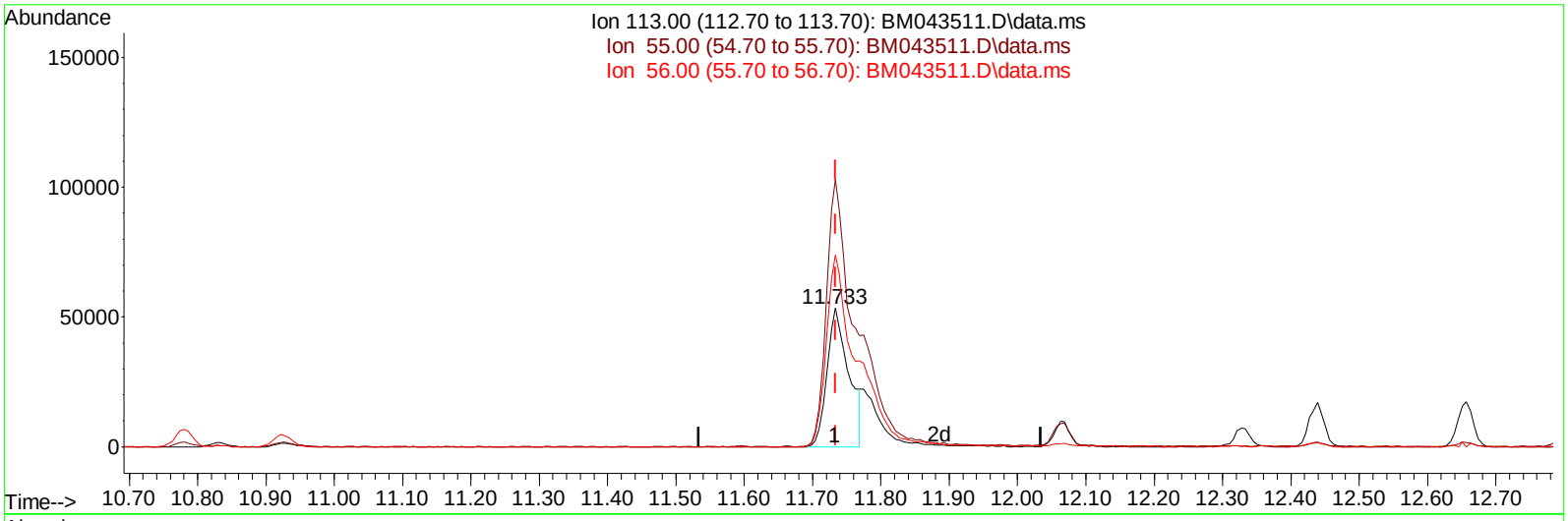

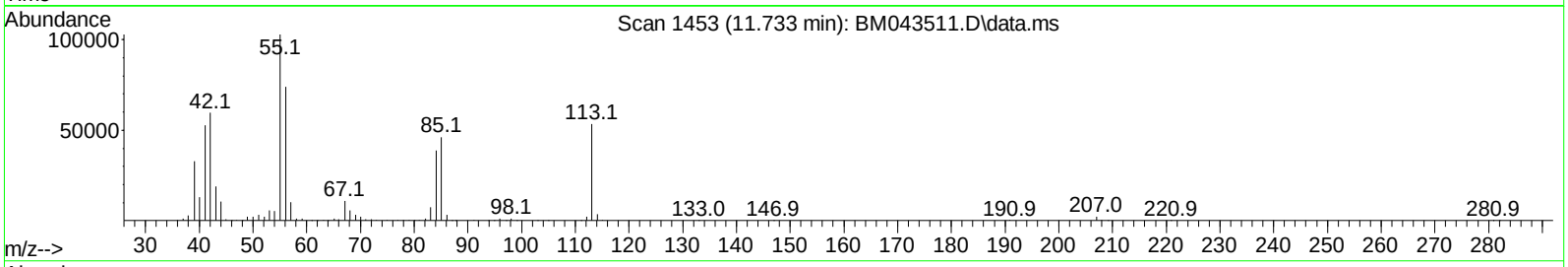

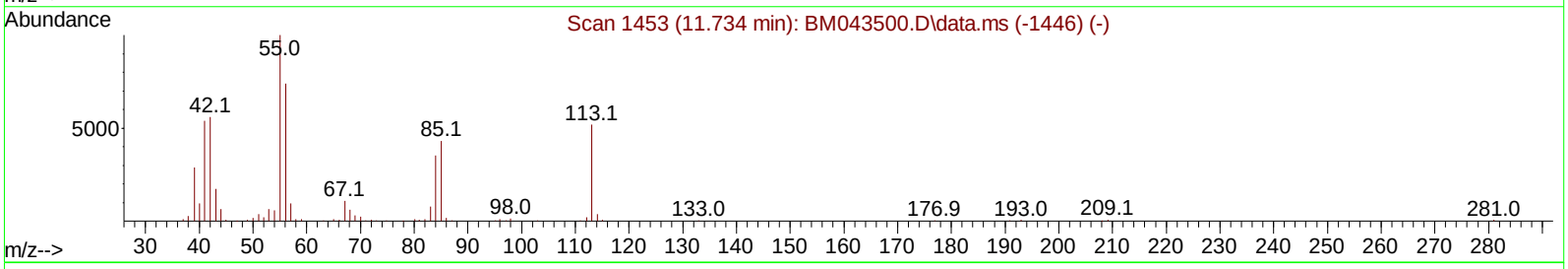

TIC: BM043511.D\data.ms

(34) Caprolactam

11.733min (-0.000) 25.58 ng/ul

response 118356

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	192.66
56.00	139.30	138.46
0.00	0.00	0.00

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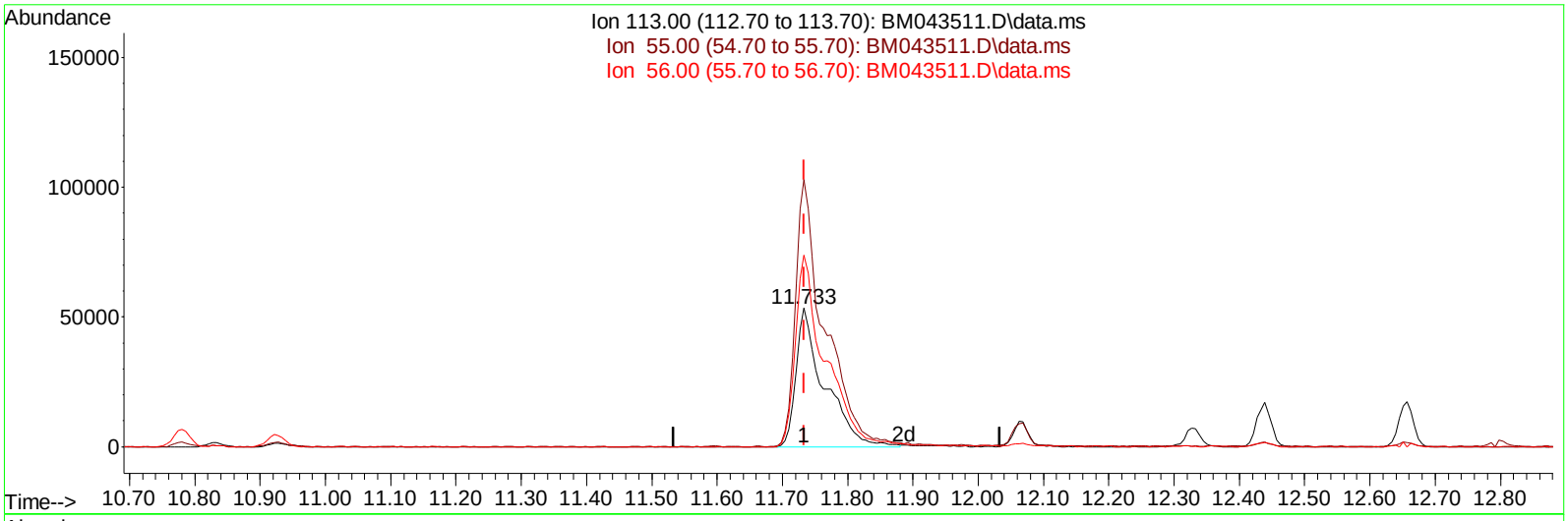

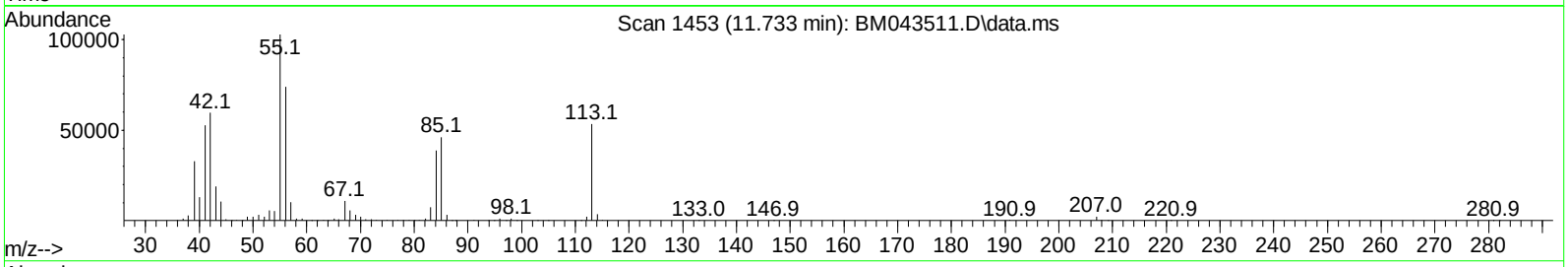

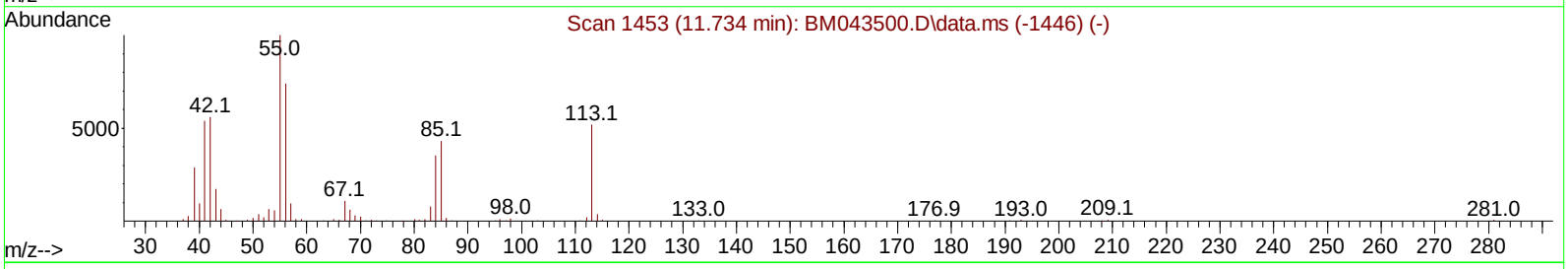

TIC: BM043511.D\data.ms

(34) Caprolactam

11.733min (-0.000) 34.54 ng/ul m

response 159814

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	192.66
56.00	139.30	138.46
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/22/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	199879	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	845448	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	465450	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	908636	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	804924	20.000	ng/ul	0.00
88) Perylene-d12	23.944	264	867539	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	40094	6.519	ng/uL	0.00
4) Pyridine-d5	3.793	84	582691	32.920	ng/ul	0.00
7) Phenol-d5	7.134	99	704045	30.964	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	445918	30.966	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	520764	29.996	ng/ul	0.00
15) 4-Methylphenol-d8	8.686	113	522755	29.627	ng/ul	0.00
21) Nitrobenzene-d5	9.145	128	250456	30.619	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	251477	29.754	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	461513	30.933	ng/ul	0.00
31) 4-Chloroaniline-d4	10.927	131	680737	31.013	ng/ul	0.00
46) Dimethylphthalate-d6	14.027	166	1305893	31.167	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1606256	32.316	ng/ul	0.00
54) 4-Nitrophenol-d4	14.810	143	285599	36.013	ng/ul	0.00
60) Fluorene-d10	15.598	176	1121436	32.367	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.721	200	181649	30.227	ng/ul	0.00
73) Anthracene-d10	17.451	188	1635482	32.094	ng/ul	0.00
81) Pyrene-d10	19.739	212	1736880	27.332	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	1771720	33.094	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.404	88	80273	11.814	ng/uL#	93
5) Pyridine	3.810	79	593262	32.410	ng/ul	94
6) Benzaldehyde	7.116	77	369875m	34.307	ng/ul	
8) Phenol	7.157	94	703140	31.433	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.404	93	556627	30.650	ng/ul	100
12) 2-Chlorophenol	7.534	128	540335	30.553	ng/ul	98
13) 2-Methylphenol	8.416	108	506367	29.811	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.504	45	943983	30.954	ng/ul	98
16) Acetophenone	8.804	105	814541	30.153	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.792	70	448629	27.825	ng/ul	97
18) 4-Methylphenol	8.745	108	548615	29.801	ng/ul	98
19) Hexachloroethane	9.045	117	224244	30.071	ng/ul	99
22) Nitrobenzene	9.186	77	658568	32.532	ng/ul	97
23) Isophorone	9.716	82	1191706	29.021	ng/ul	99
25) 2-Nitrophenol	9.898	139	274781	30.591	ng/ul	98
26) 2,4-Dimethylphenol	9.951	107	485417	30.336	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.204	93	731154	30.154	ng/ul	100
29) 2,4-Dichlorophenol	10.427	162	443559	30.634	ng/ul	99
30) Naphthalene	10.833	128	1669611	30.986	ng/ul	99
32) 4-Chloroaniline	10.951	127	615327	29.153	ng/ul	100
33) Hexachlorobutadiene	11.104	225	212128	28.735	ng/ul	98
34) Caprolactam	11.733	113	159814m	34.539	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	514854	30.273	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.439	142	1091781	29.766	ng/ul	100
37) 1-Methylnaphthalene	12.657	142	1074077	29.033	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	412795	29.107	ng/ul	99
40) Hexachlorocyclopentadiene	12.769	237	219305	24.646	ng/ul	95
41) 2,4,6-Trichlorophenol	13.045	196	302120	29.970	ng/ul	98
42) 2,4,5-Trichlorophenol	13.116	196	327092	30.559	ng/ul	100
43) 1,1'-Biphenyl	13.445	154	1371956	30.922	ng/ul	99
44) 2-Chloronaphthalene	13.486	162	1067680	31.387	ng/ul	99
45) 2-Nitroaniline	13.698	65	378377	33.171	ng/ul	97
47) Dimethylphthalate	14.074	163	1312109	31.709	ng/ul	100
48) 2,6-Dinitrotoluene	14.198	165	253661	31.708	ng/ul	93
50) Acenaphthylene	14.327	152	1811364	31.735	ng/ul	99
51) 3-Nitroaniline	14.521	138	281490	30.650	ng/ul	96
52) Acenaphthene	14.668	153	1181887	31.418	ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	117585	27.611	ng/ul	90
55) 4-Nitrophenol	14.821	109	227962	37.019	ng/ul	94
56) Dibenzofuran	15.004	168	1513808	31.158	ng/ul	98
57) 2,4-Dinitrotoluene	14.980	165	377149	33.368	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.227	232	250502	30.546	ng/ul	97
59) Diethylphthalate	15.433	149	1373511	32.390	ng/ul	99
61) Fluorene	15.651	166	1331727	32.085	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.651	204	558806	30.608	ng/ul	97
63) 4-Nitroaniline	15.686	138	314745	37.442	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.739	198	194153	30.261	ng/ul	97
67) N-Nitrosodiphenylamine	15.868	169	1071969	30.715	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	307184	28.536	ng/ul	96
69) Hexachlorobenzene	16.645	284	373938	30.320	ng/ul	97
70) Atrazine	16.821	200	312335	40.828	ng/ul	99
71) Pentachlorophenol	16.992	266	223212	29.938	ng/ul	99
72) Phenanthrene	17.392	178	1984479	32.224	ng/ul	100
74) Anthracene	17.486	178	1990173	32.021	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	413819	27.732	ng/uL	99
76) Pentachlorobenzene	14.915	250	401683	27.645	ng/uL	97
77) Carbazole	17.756	167	1941574	36.602	ng/ul	99
78) Di-n-butylphthalate	18.327	149	2422409	34.932	ng/ul	100
80) Fluoranthene	19.403	202	2110983	26.825	ng/ul	99
82) Pyrene	19.768	202	2260777	27.944	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1085332	31.029	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.450	252	653582	32.969	ng/ul	99
85) Benzo(a)anthracene	21.515	228	2163992	32.151	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	1684989	33.837	ng/ul	99
87) Chrysene	21.568	228	1980193	32.703	ng/ul	100
89) Di-n-octyl phthalate	22.397	149	2741000	33.029	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	2081698	31.312	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	2160677	33.323	ng/ul	100
93) Benzo(a)pyrene	23.844	252	2021832	33.333	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.468	276	2524093	34.851	ng/ul	98
95) Dibenzo(a,h)anthracene	26.485	278	2124933	35.432	ng/ul	99
96) Benzo(g,h,i)perylene	27.238	276	1974715	34.783	ng/ul	99

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

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