Quantitation Report (Qedit)

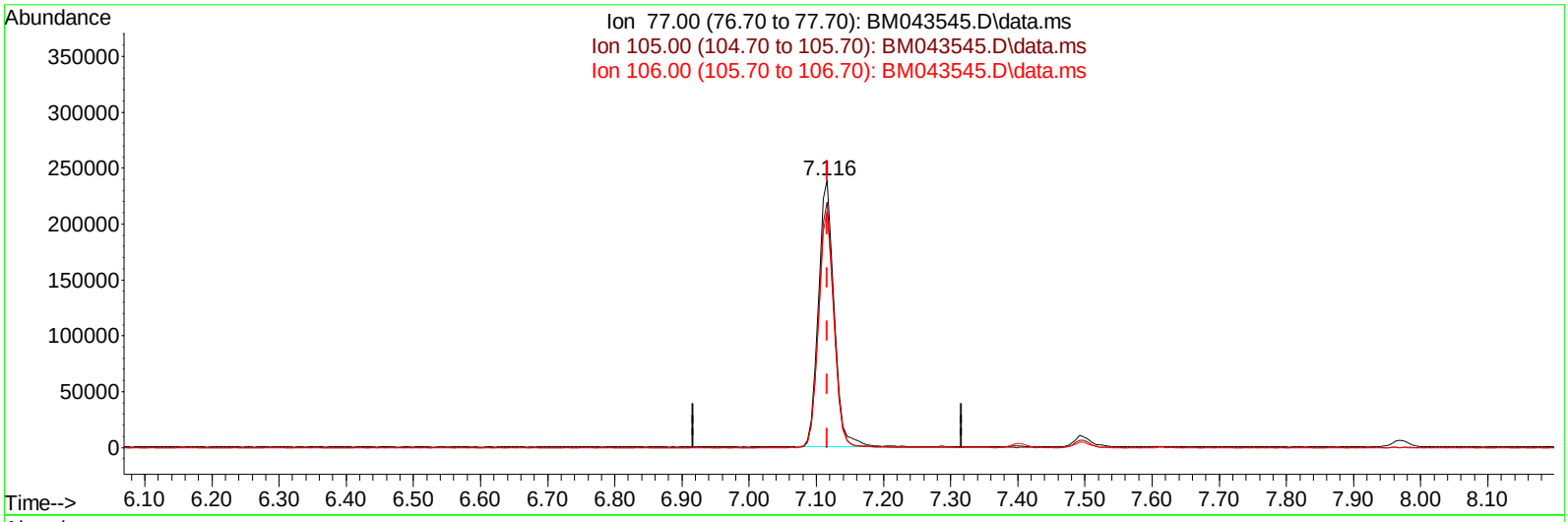
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122123\
Data File : BM043545.D
Acq On : 22 Dec 2023 18:24
Operator : MA/JU
Sample : PB157969BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

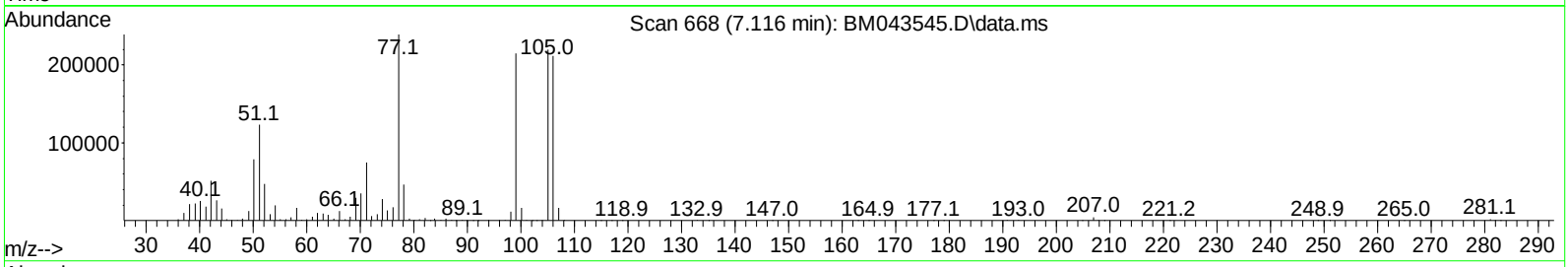
Quant Time: Dec 23 01:07:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 21 21:59:32 2023
Response via : Initial Calibration

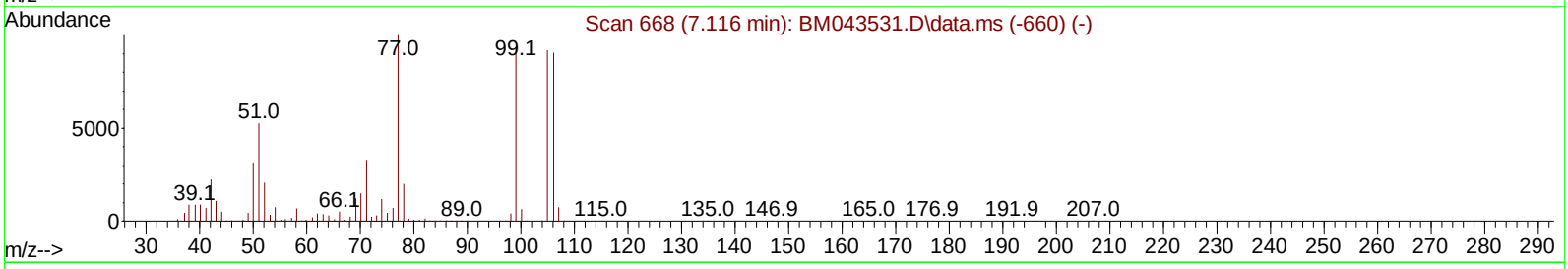
Instrument :
BNA_M
ClientSampleId :
SLCS969

Manual IntegrationsAPPROVED

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







TIC: BM043545.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 31.25 ng/ul

response 388396

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.84
106.00	89.20	88.63
0.00	0.00	0.00

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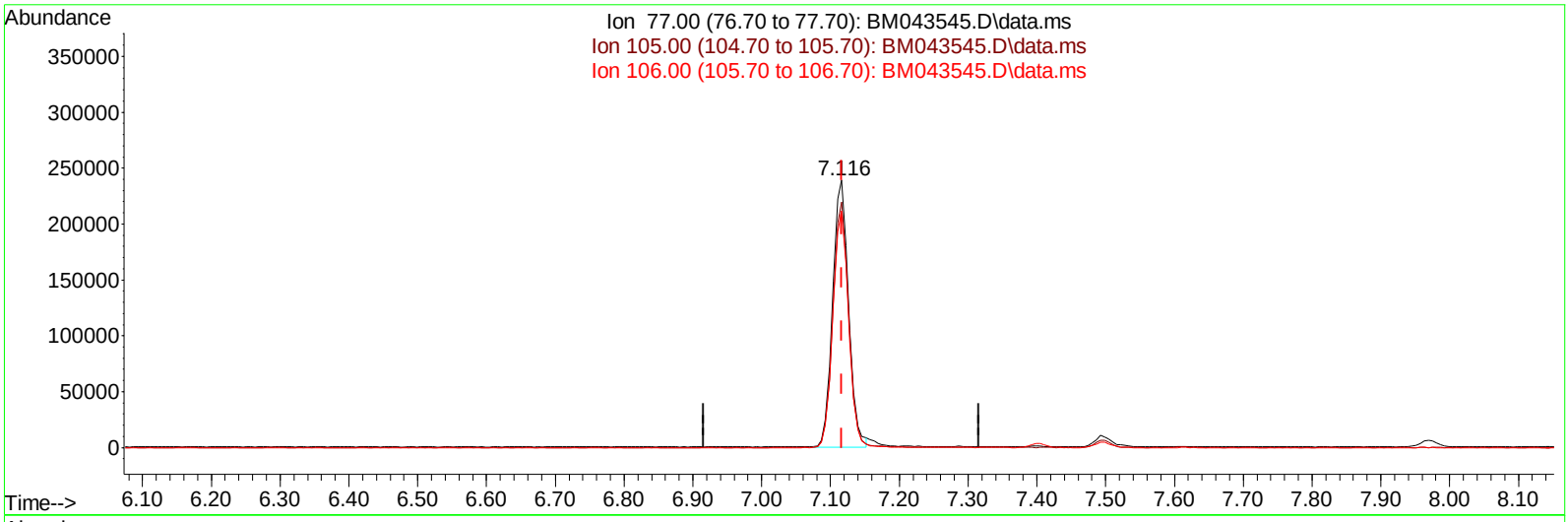

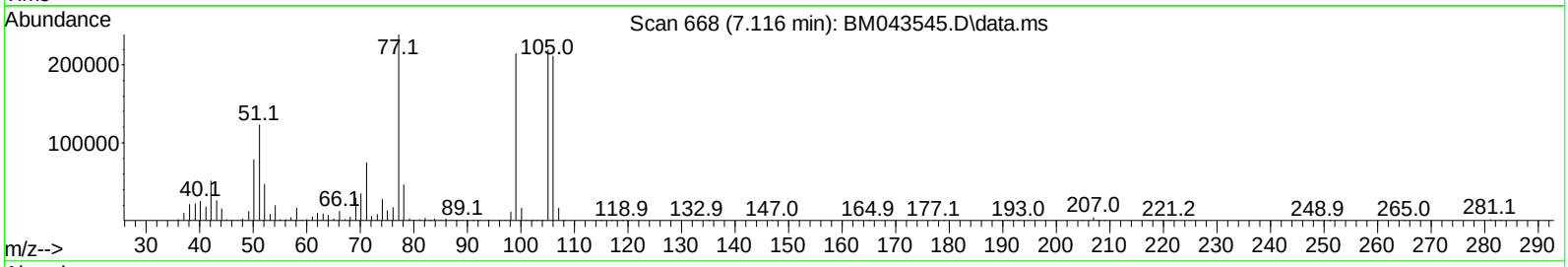

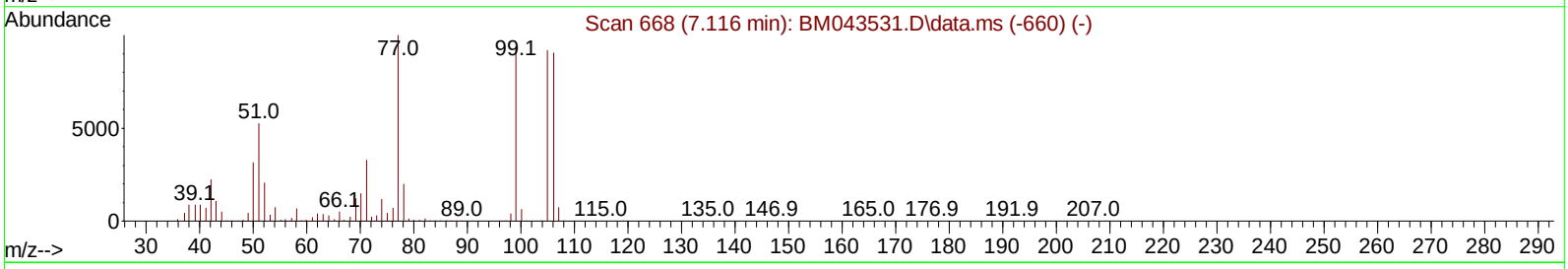

TIC: BM043545.D\data.ms

(6) Benzaldehyde

7.116min (-0.000) 30.76 ng/ul m

response 382308

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.70	91.84
106.00	89.20	88.63
0.00	0.00	0.00

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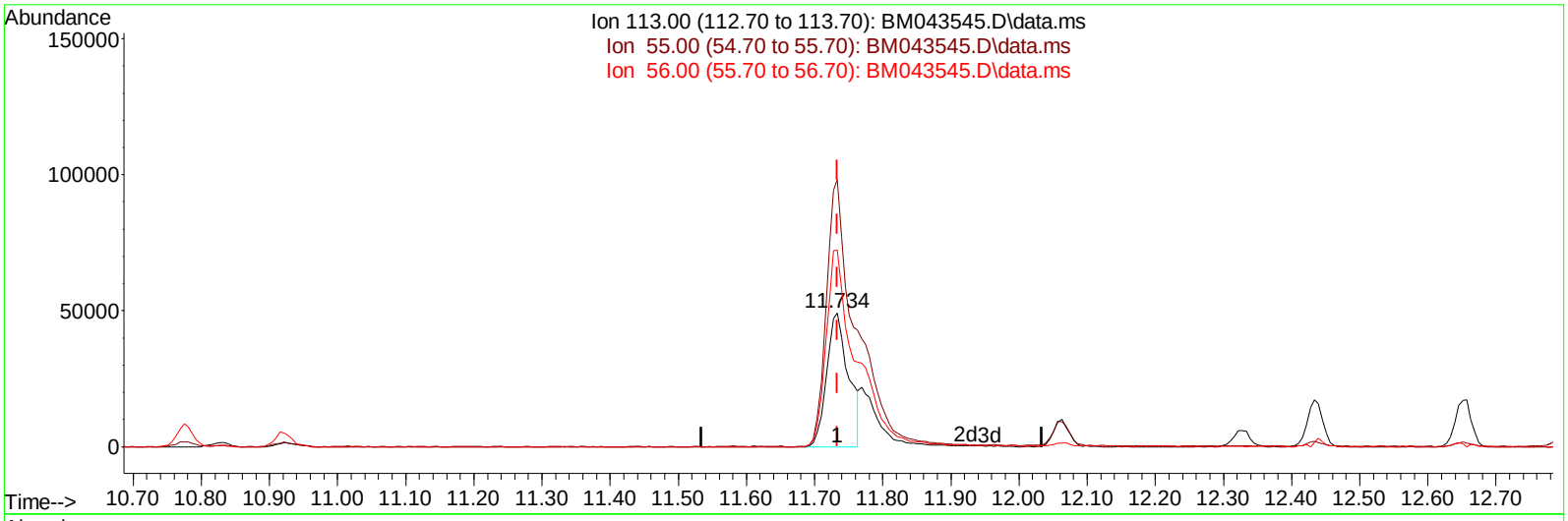

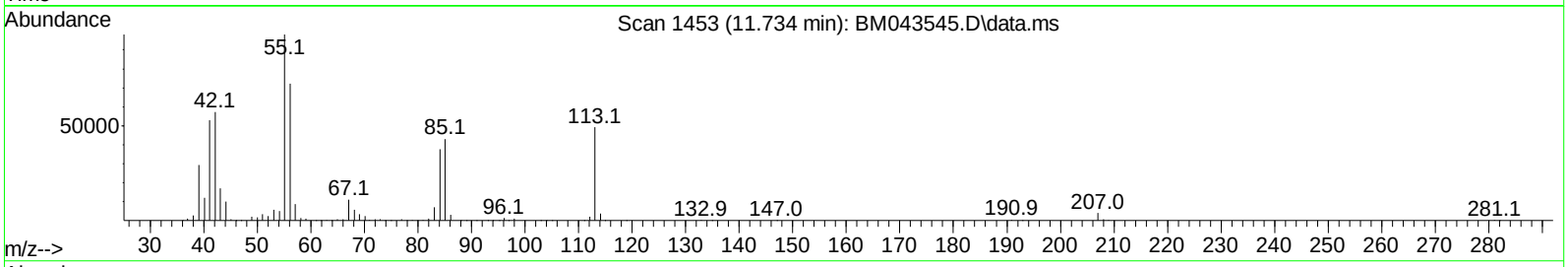

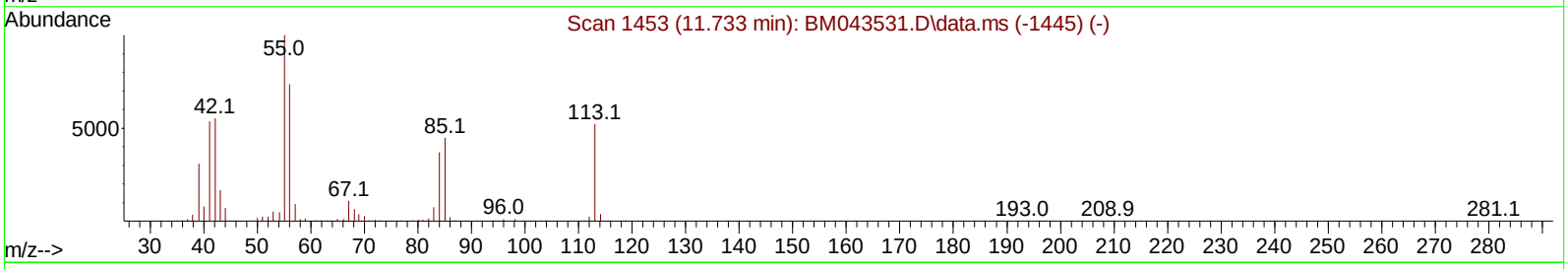

TIC: BM043545.D\data.ms

(34) Caprolactam

11.734min (-0.000) 20.56 ng/ul

response 109919

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	199.46
56.00	139.30	146.93
0.00	0.00	0.00

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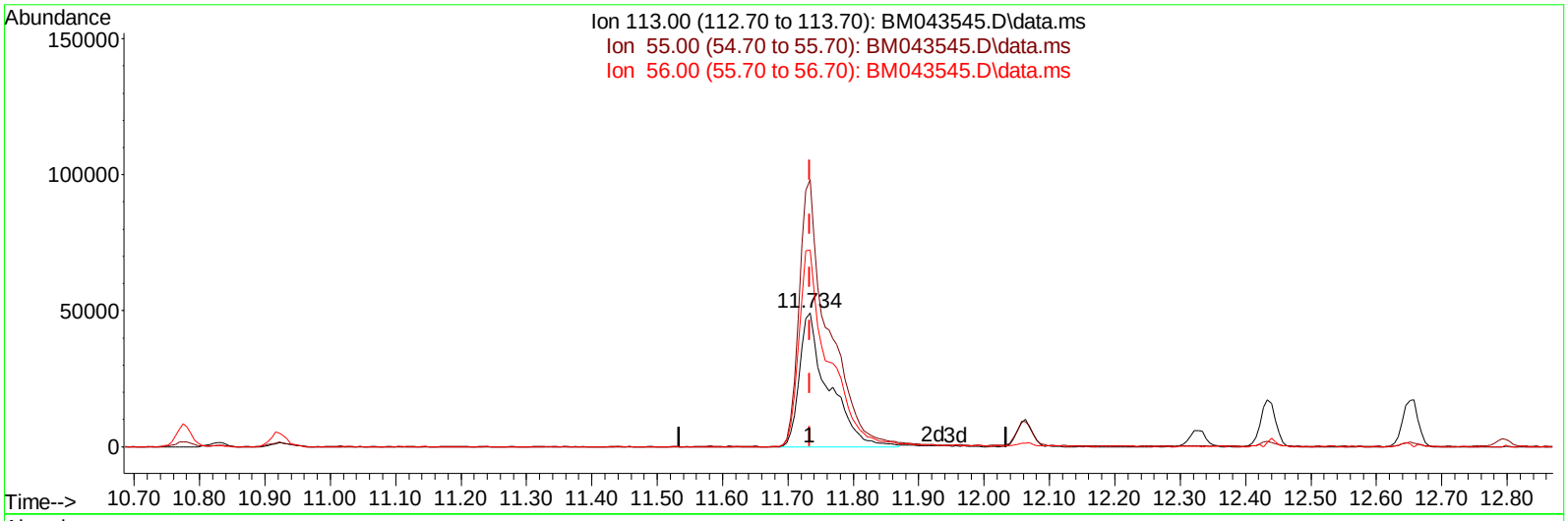

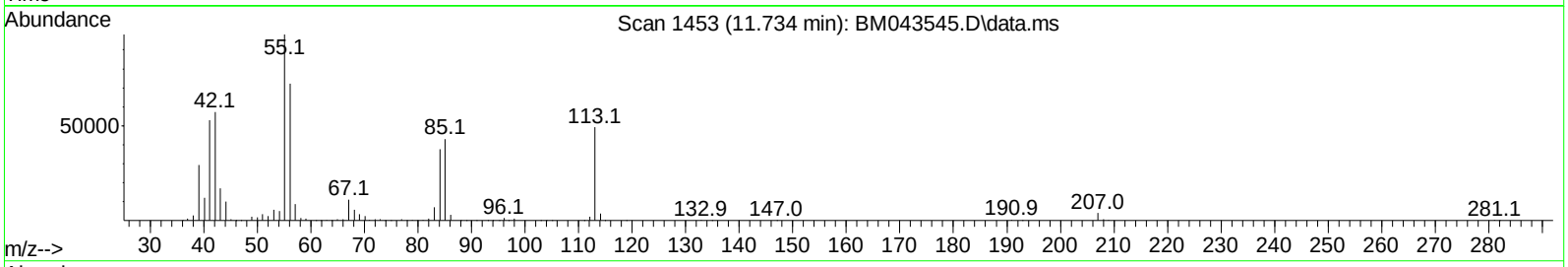

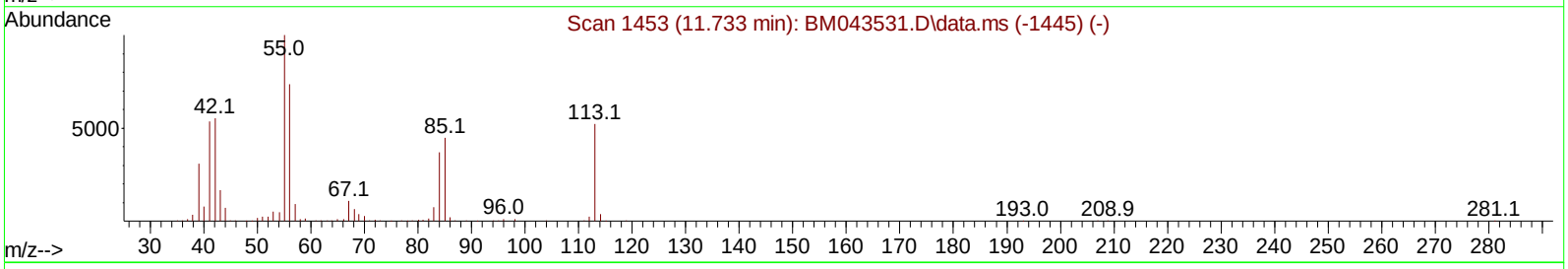

TIC: BM043545.D\data.ms

(34) Caprolactam

11.734min (-0.000) 28.17 ng/ul m

response 150583

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	199.46
56.00	139.30	146.93
0.00	0.00	0.00

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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	7.969	152	230387	20.000	ng/ul	0.00
20) Naphthalene-d8	10.775	136	976887	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.604	164	527719	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	974787	20.000	ng/ul	0.00
79) Chrysene-d12	21.527	240	843746	20.000	ng/ul	0.00
88) Perylene-d12	23.945	264	901138	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	42356	5.975	ng/uL	0.00
4) Pyridine-d5	3.793	84	595173	29.172	ng/ul	0.00
7) Phenol-d5	7.128	99	714042	27.245	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.310	67	470906	28.371	ng/ul	0.00
11) 2-Chlorophenol-d4	7.498	132	541294	27.050	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	527736	25.949	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	253002	26.768	ng/ul	0.00
24) 2-Nitrophenol-d4	9.863	143	249095	25.507	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	461246	26.755	ng/ul	0.00
31) 4-Chloroaniline-d4	10.922	131	687769	27.118	ng/ul	0.00
46) Dimethylphthalate-d6	14.022	166	1278667	26.916	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1575811	27.963	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	266008	29.585	ng/ul	0.00
60) Fluorene-d10	15.598	176	1098031	27.952	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.722	200	167661	26.006	ng/ul	0.00
73) Anthracene-d10	17.451	188	1580448	28.910	ng/ul	0.00
81) Pyrene-d10	19.739	212	1637329	24.580	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.786	264	1628110	29.278	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	82710	10.561	ng/uL#	94
5) Pyridine	3.811	79	606434	28.743	ng/ul	97
6) Benzaldehyde	7.116	77	382308m	30.765	ng/ul	
8) Phenol	7.157	94	713032	27.654	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.404	93	584913	27.943	ng/ul	99
12) 2-Chlorophenol	7.528	128	553419	27.149	ng/ul	99
13) 2-Methylphenol	8.416	108	508554	25.975	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.498	45	1002902	28.531	ng/ul	98
16) Acetophenone	8.804	105	824062	26.466	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.793	70	458830	24.689	ng/ul	96
18) 4-Methylphenol	8.745	108	554359	26.126	ng/ul	100
19) Hexachloroethane	9.045	117	236425	27.506	ng/ul	99
22) Nitrobenzene	9.187	77	672028	28.730	ng/ul	97
23) Isophorone	9.710	82	1204884	25.394	ng/ul	98
25) 2-Nitrophenol	9.892	139	279104	26.891	ng/ul	96
26) 2,4-Dimethylphenol	9.951	107	499269	27.004	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.198	93	753293	26.887	ng/ul	99
29) 2,4-Dichlorophenol	10.422	162	446831	26.708	ng/ul	99
30) Naphthalene	10.828	128	1706949	27.417	ng/ul	100
32) 4-Chloroaniline	10.945	127	621504	25.484	ng/ul	100
33) Hexachlorobutadiene	11.098	225	224762	26.350	ng/ul	99
34) Caprolactam	11.734	113	150583m	28.165	ng/ul	
35) 4-Chloro-3-methylphenol	12.063	107	508351	25.869	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.433	142	1102587	26.016	ng/ul	98
37) 1-Methylnaphthalene	12.651	142	1089693	25.492	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.798	216	421559	26.218	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	233597	23.154	ng/ul	98
41) 2,4,6-Trichlorophenol	13.039	196	296387	25.932	ng/ul	97
42) 2,4,5-Trichlorophenol	13.110	196	323442	26.652	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	1385030	27.533	ng/ul	100
44) 2-Chloronaphthalene	13.486	162	1064853	27.610	ng/ul	100
45) 2-Nitroaniline	13.698	65	367347	28.404	ng/ul	96
47) Dimethylphthalate	14.069	163	1288330	27.461	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	243157	26.808	ng/ul	94
50) Acenaphthylene	14.327	152	1790962	27.675	ng/ul	99
51) 3-Nitroaniline	14.522	138	268354	25.772	ng/ul	96
52) Acenaphthene	14.669	153	1182472	27.724	ng/ul	99
53) 2,4-Dinitrophenol	14.727	184	108599	22.492	ng/ul	90
55) 4-Nitrophenol	14.822	109	213448	30.572	ng/ul	96
56) Dibenzofuran	15.004	168	1513656	27.479	ng/ul	99
57) 2,4-Dinitrotoluene	14.980	165	365749	28.542	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.227	232	238201	25.619	ng/ul	98
59) Diethylphthalate	15.433	149	1350263	28.085	ng/ul	98
61) Fluorene	15.651	166	1311343	27.866	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.651	204	548460	26.496	ng/ul	97
63) 4-Nitroaniline	15.680	138	288197	30.239	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.733	198	181486	26.367	ng/ul	96
67) N-Nitrosodiphenylamine	15.863	169	1034332	27.625	ng/ul	99
68) 4-Bromophenyl-phenylether	16.545	248	297369	25.749	ng/ul	98
69) Hexachlorobenzene	16.645	284	357626	27.030	ng/ul	96
70) Atrazine	16.821	200	294750	35.915	ng/ul	99
71) Pentachlorophenol	16.992	266	207801	25.980	ng/ul	100
72) Phenanthrene	17.392	178	1891740	28.633	ng/ul	99
74) Anthracene	17.486	178	1932646	28.985	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.404	216	410600	25.649	ng/uL	100
76) Pentachlorobenzene	14.916	250	397932	25.528	ng/uL	97
77) Carbazole	17.757	167	1828173	32.126	ng/ul	99
78) Di-n-butylphthalate	18.327	149	2354317	31.646	ng/ul	100
80) Fluoranthene	19.404	202	2003294	24.285	ng/ul	99
82) Pyrene	19.768	202	2128180	25.095	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1018161	27.769	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.451	252	609181	29.315	ng/ul	98
85) Benzo(a)anthracene	21.515	228	2015275	28.564	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	1610539	30.854	ng/ul	98
87) Chrysene	21.568	228	1855969	29.241	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	2573402	29.853	ng/ul	100
90) Benzo(b)fluoranthene	23.209	252	1984168	28.732	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	1928883	28.639	ng/ul	100
93) Benzo(a)pyrene	23.839	252	1875971	29.775	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	2331700	30.995	ng/ul	97
95) Dibenzo(a,h)anthracene	26.480	278	1976518	31.729	ng/ul	99
96) Benzo(g,h,i)perylene	27.227	276	1803431	30.582	ng/ul	100

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

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