Quantitation Report (Qedit)

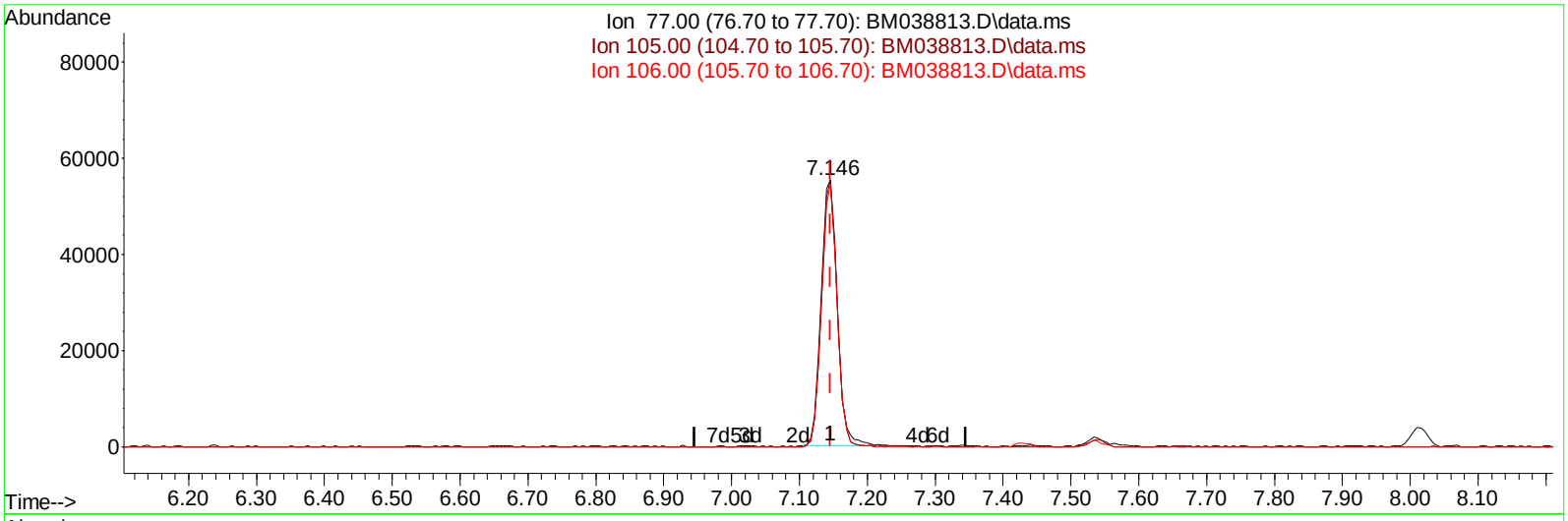
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022823\
Data File : BM038813.D
Acq On : 28 Feb 2023 16:09
Operator : CG/JU
Sample : SSTD01034
Misc :
ALS Vial : 3 Sample Multiplier: 1

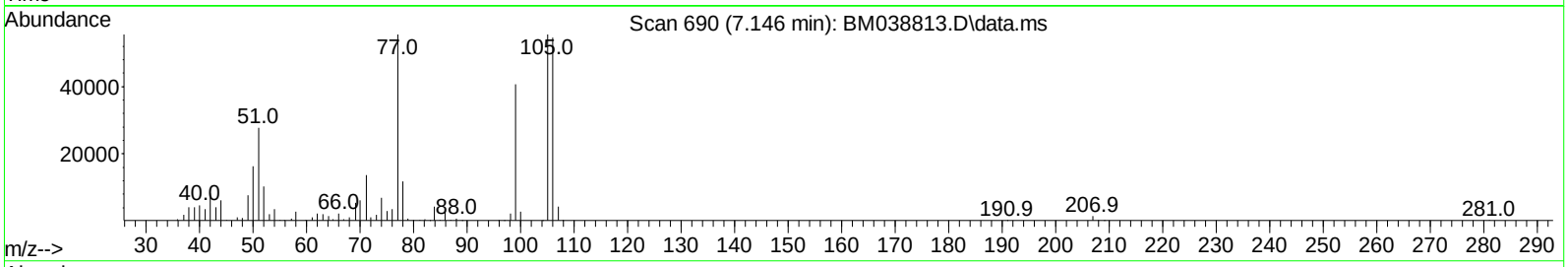
Quant Time: Mar 01 01:33:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 01 01:29:16 2023
Response via : Initial Calibration

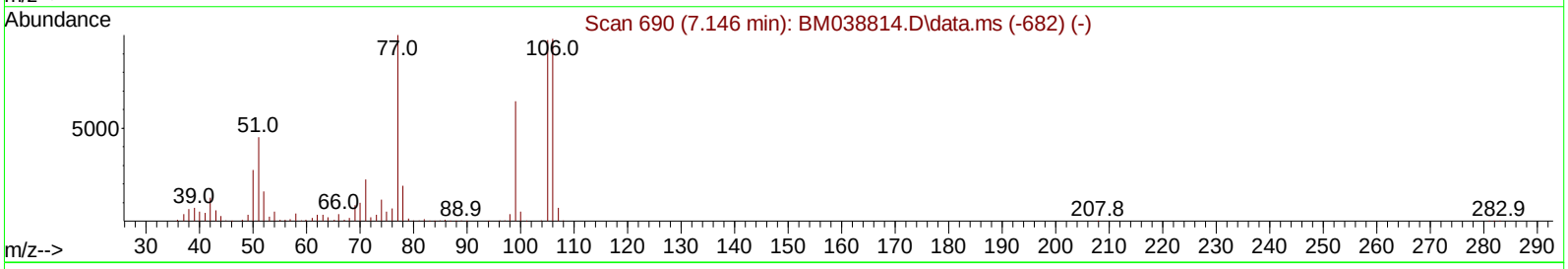
Instrument :
BNA_M
ClientSampleId :
SSTD010041

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/01/2023
Supervised By :Jagrut Upadhyay 03/03/2023







TIC: BM038813.D\data.ms

(6) Benzaldehyde

7.146min (-0.000) 19.62 ng/ul

response 91668

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.40	99.93
106.00	97.90	98.49
0.00	0.00	0.00

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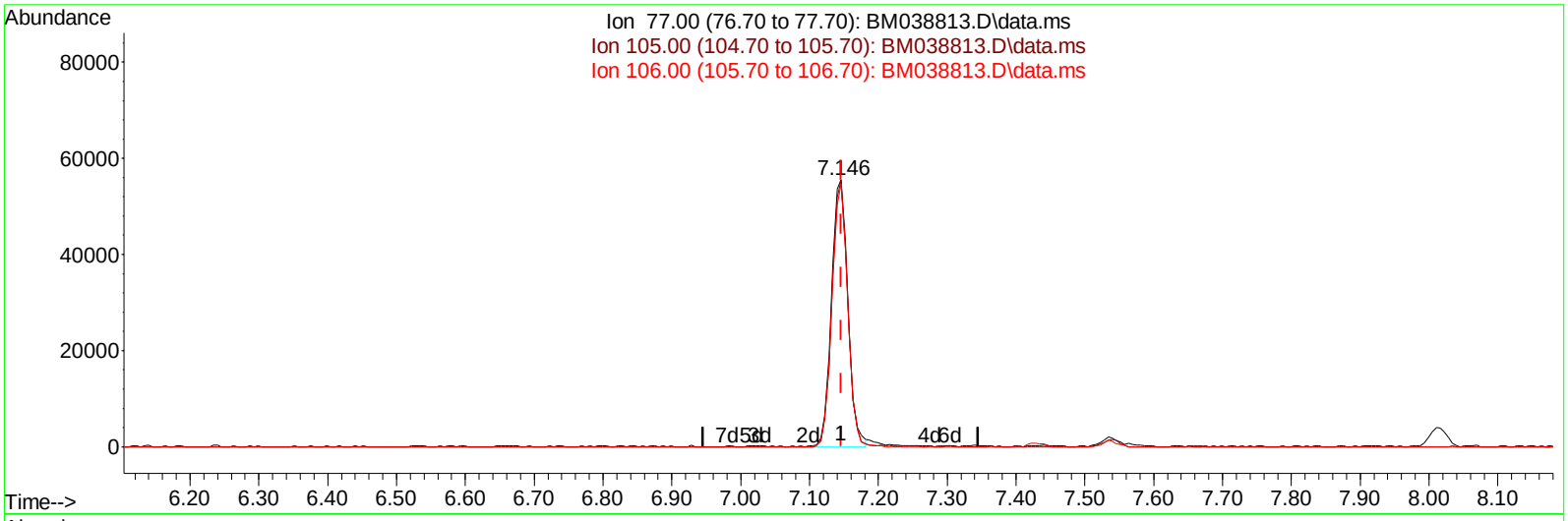

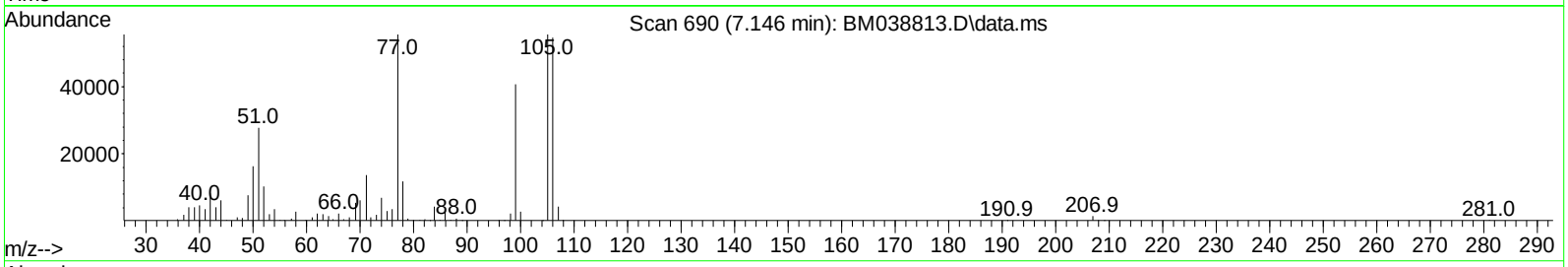

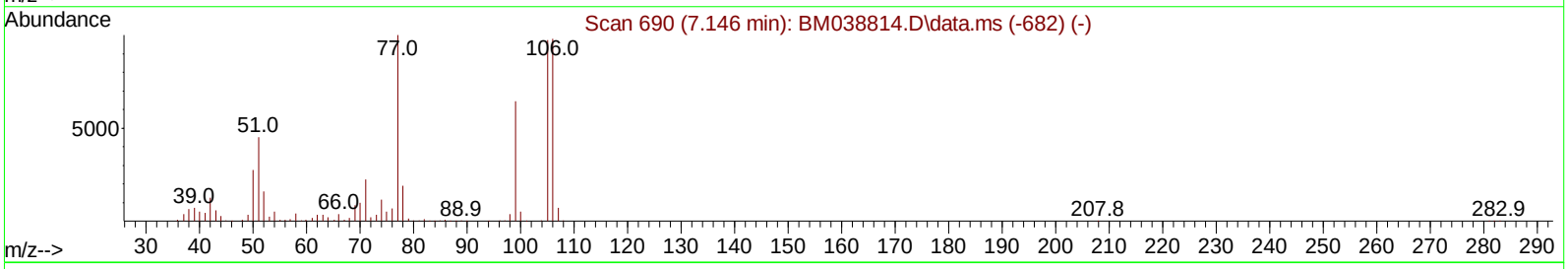

TIC: BM038813.D\data.ms

(6) Benzaldehyde

7.146min (-0.000) 19.58 ng/ul m

response 91501

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	97.40	99.93
106.00	97.90	98.49
0.00	0.00	0.00

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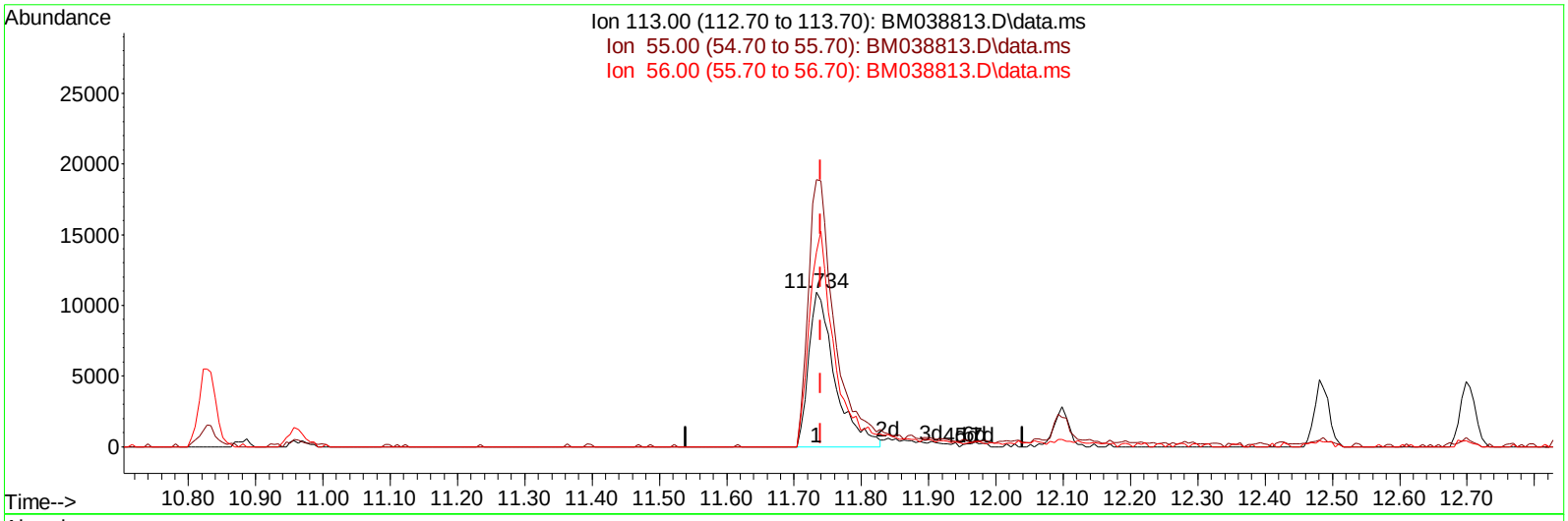

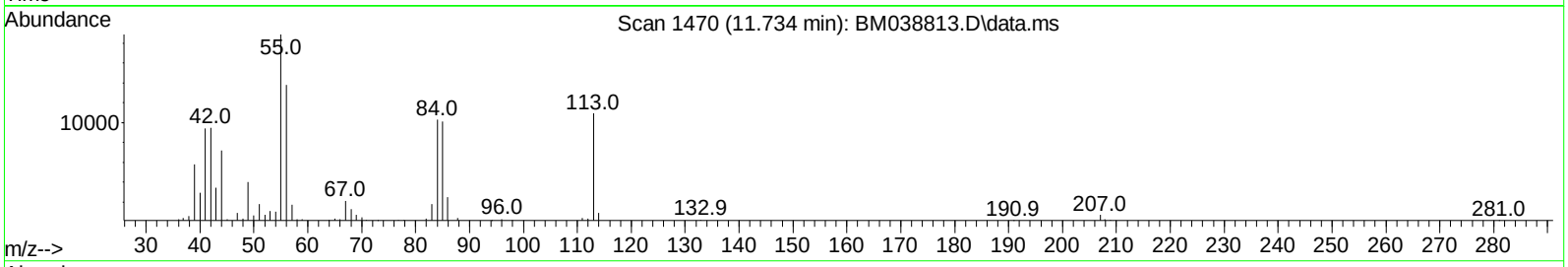

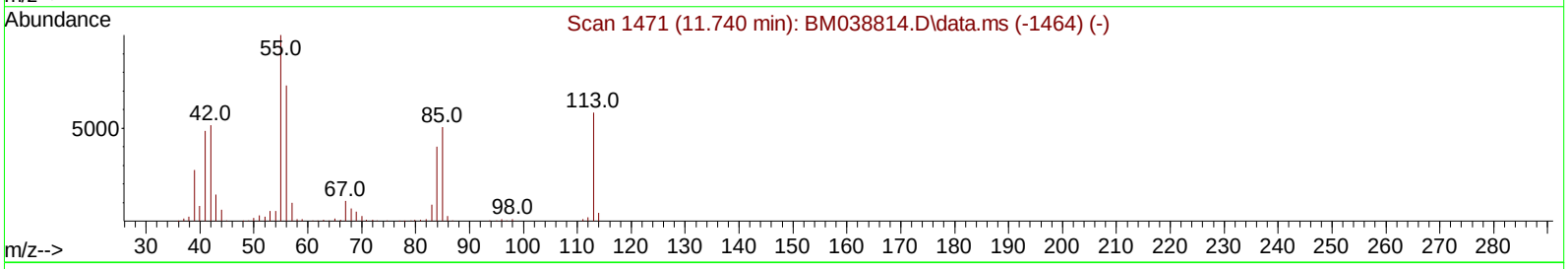

TIC: BM038813.D\data.ms

(34) Caprolactam

11.734min (-0.006) 8.21 ng/ul

response 29651

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	172.89
56.00	124.90	126.31
0.00	0.00	0.00

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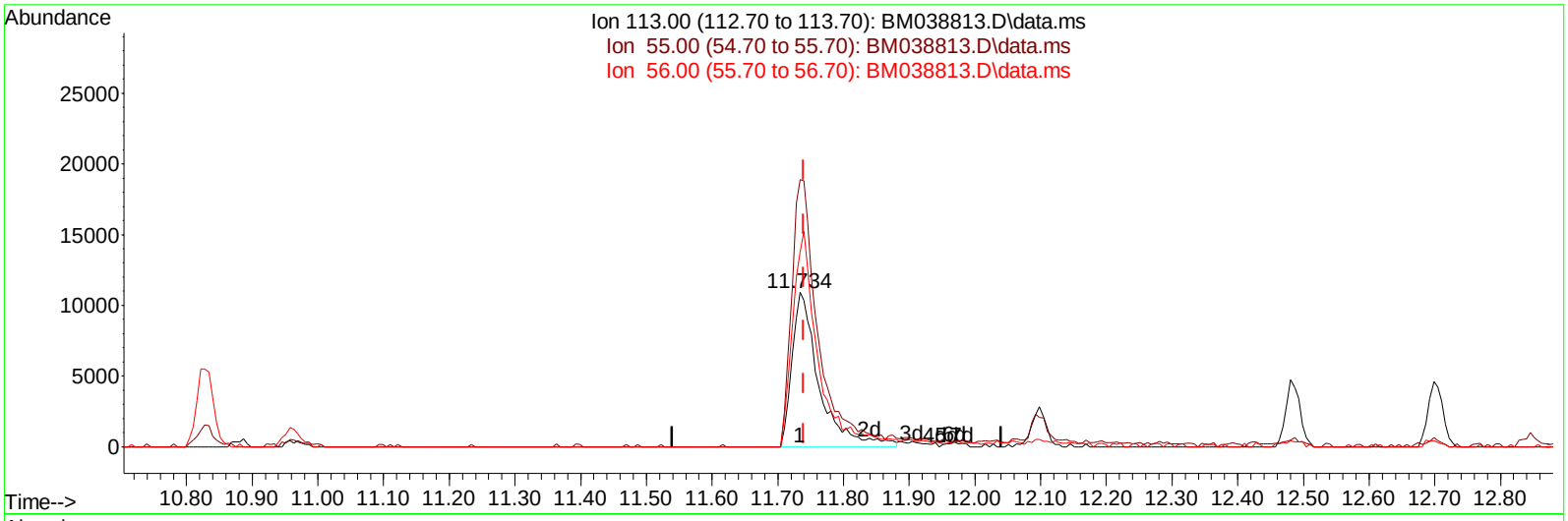

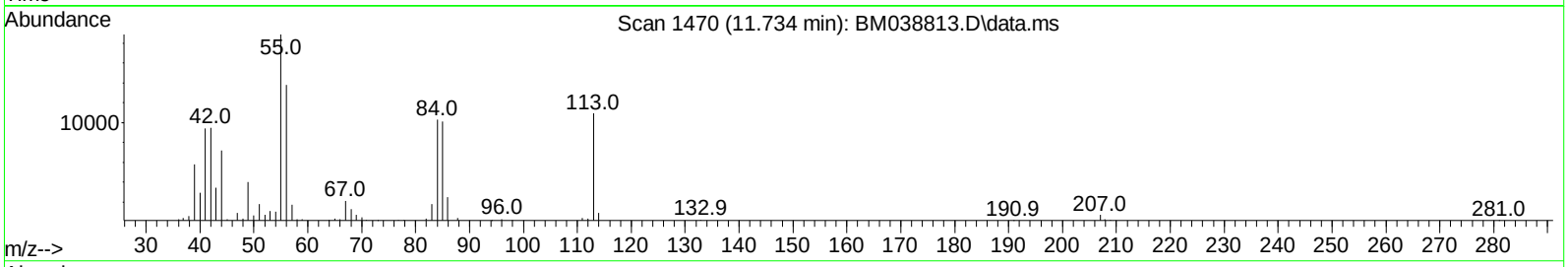

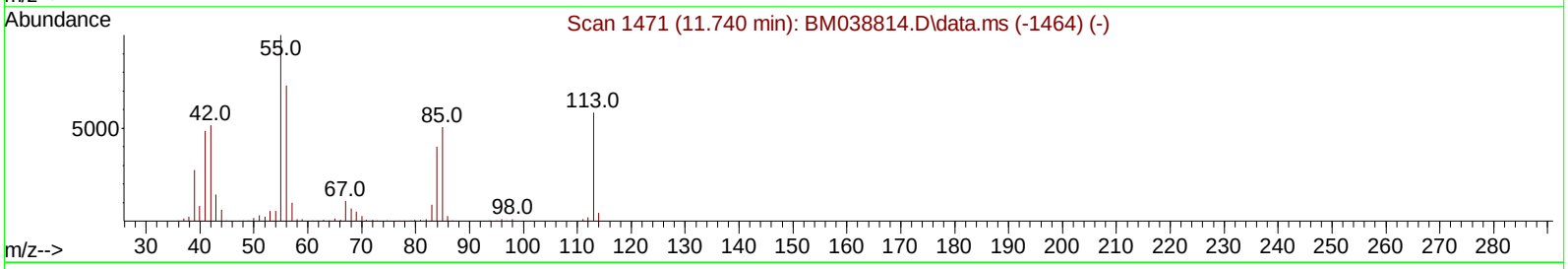

TIC: BM038813.D\data.ms

(34) Caprolactam

11.734min (-0.006) 8.61 ng/ul m

response 31115

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	172.89
56.00	124.90	126.31
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	8.016	152	180080	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	786376	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	504197	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.392	188	1120142	20.000	ng/ul	0.00
79) Chrysene-d12	21.568	240	1169306	20.000	ng/ul	0.00
88) Perylene-d12	24.027	264	1344911	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	18526	5.482	ng/uL	0.00
4) Pyridine-d5	3.805	84	107985	12.266	ng/ul	0.00
7) Phenol-d5	7.158	99	146566	12.512	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	102876	15.977	ng/ul	0.00
11) 2-Chlorophenol-d4	7.540	132	114378	10.633	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	112576	10.717	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	45941	7.862	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	41426	5.230	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	108908	6.844	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	180042	9.785	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	371266	9.278	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	421681	9.459	ng/ul	0.00
54) 4-Nitrophenol-d4	14.822	143	59964	9.204	ng/ul	0.00
60) Fluorene-d10	15.639	176	326575	9.617	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	33079	4.838	ng/ul	0.00
73) Anthracene-d10	17.486	188	513788	9.719	ng/ul	0.00
81) Pyrene-d10	19.774	212	590101	8.333	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.862	264	612413	8.793	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.417	88	20708	5.993	ng/uL	99
5) Pyridine	3.828	79	125261	14.156	ng/ul	96
6) Benzaldehyde	7.146	77	91501m	19.580	ng/ul	
8) Phenol	7.187	94	158728	13.563	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.434	93	135621	14.442	ng/ul	98
12) 2-Chlorophenol	7.569	128	118156	11.305	ng/ul	98
13) 2-Methylphenol	8.452	108	116627	11.921	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.552	45	172164	20.899	ng/ul	99
16) Acetophenone	8.840	105	212737	12.533	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.822	70	95334	12.715	ng/ul	96
18) 4-Methylphenol	8.775	108	127597	11.811	ng/ul	98
19) Hexachloroethane	9.104	117	47901	10.562	ng/ul	95
22) Nitrobenzene	9.222	77	137218	11.070	ng/ul	98
23) Isophorone	9.746	82	284514	11.797	ng/ul	100
25) 2-Nitrophenol	9.934	139	49959	6.387	ng/ul	99
26) 2,4-Dimethylphenol	9.993	107	138685	10.507	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.234	93	181753	12.537	ng/ul	99
29) 2,4-Dichlorophenol	10.469	162	112456	7.270	ng/ul	97
30) Naphthalene	10.881	128	438207	11.261	ng/ul	99
32) 4-Chloroaniline	10.987	127	184383	10.227	ng/ul	100
33) Hexachlorobutadiene	11.169	225	73722	9.168	ng/ul	97
34) Caprolactam	11.734	113	31115m	8.612	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	126977	10.534	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.487	142	278407	9.129	ng/ul	99
37) 1-Methylnaphthalene	12.698	142	282218	8.968	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	144512	12.196	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	62445	9.244	ng/ul	95
41) 2,4,6-Trichlorophenol	13.081	196	85612	8.972	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	95062	9.141	ng/ul	100
43) 1,1'-Biphenyl	13.487	154	384887	10.356	ng/ul	100
44) 2-Chloronaphthalene	13.528	162	300382	9.954	ng/ul	99
45) 2-Nitroaniline	13.728	65	51892	9.023	ng/ul	95
47) Dimethylphthalate	14.104	163	375993	9.487	ng/ul	98
48) 2,6-Dinitrotoluene	14.216	165	46479	5.911	ng/ul	90
50) Acenaphthylene	14.369	152	476586	10.305	ng/ul	99
51) 3-Nitroaniline	14.545	138	57284	8.822	ng/ul#	98
52) Acenaphthene	14.710	153	333056	10.177	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	18696	3.864	ng/ul	94
55) 4-Nitrophenol	14.834	109	53244	9.388	ng/ul	94
56) Dibenzofuran	15.045	168	465018	9.963	ng/ul	98
57) 2,4-Dinitrotoluene	14.998	165	77583	6.829	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.263	232	82165	10.443	ng/ul#	98
59) Diethylphthalate	15.469	149	364780	9.216	ng/ul	99
61) Fluorene	15.692	166	388075	9.965	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	187075	11.109	ng/ul	98
63) 4-Nitroaniline	15.698	138	66310	13.236	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.757	198	37418	5.645	ng/ul#	98
67) N-Nitrosodiphenylamine	15.898	169	316227	9.536	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	107228	10.219	ng/ul	99
69) Hexachlorobenzene	16.692	284	133436	9.979	ng/ul	100
70) Atrazine	16.851	200	93327	7.758	ng/ul	97
71) Pentachlorophenol	17.033	266	65529	7.955	ng/ul	95
72) Phenanthrene	17.433	178	622393	9.913	ng/ul	99
74) Anthracene	17.522	178	623738	9.764	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	150132	12.378	ng/uL	98
76) Pentachlorobenzene	14.963	250	154852	11.258	ng/uL	99
77) Carbazole	17.792	167	562351	9.523	ng/ul	100
78) Di-n-butylphthalate	18.369	149	529222	6.906	ng/ul	100
80) Fluoranthene	19.445	202	687248	7.704	ng/ul	99
82) Pyrene	19.804	202	765759	8.200	ng/ul	100
83) Butylbenzylphthalate	20.710	149	146687	3.167	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.486	252	175199	6.285	ng/ul	98
85) Benzo(a)anthracene	21.551	228	761240	9.379	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.492	149	268439	3.904	ng/ul	100
87) Chrysene	21.604	228	748740	9.985	ng/ul	99
89) Di-n-octyl phthalate	22.445	149	437282	3.166	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	768144	8.737	ng/ul	99
91) Benzo(k)fluoranthene	23.321	252	793304	9.128	ng/ul	99
93) Benzo(a)pyrene	23.915	252	713386	9.695	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	942162	10.097	ng/ul	100
95) Dibenzo(a,h)anthracene	26.609	278	795636	10.192	ng/ul	99
96) Benzo(g,h,i)perylene	27.374	276	776875	10.581	ng/ul	98

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

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