Quantitation Report (Qedit)

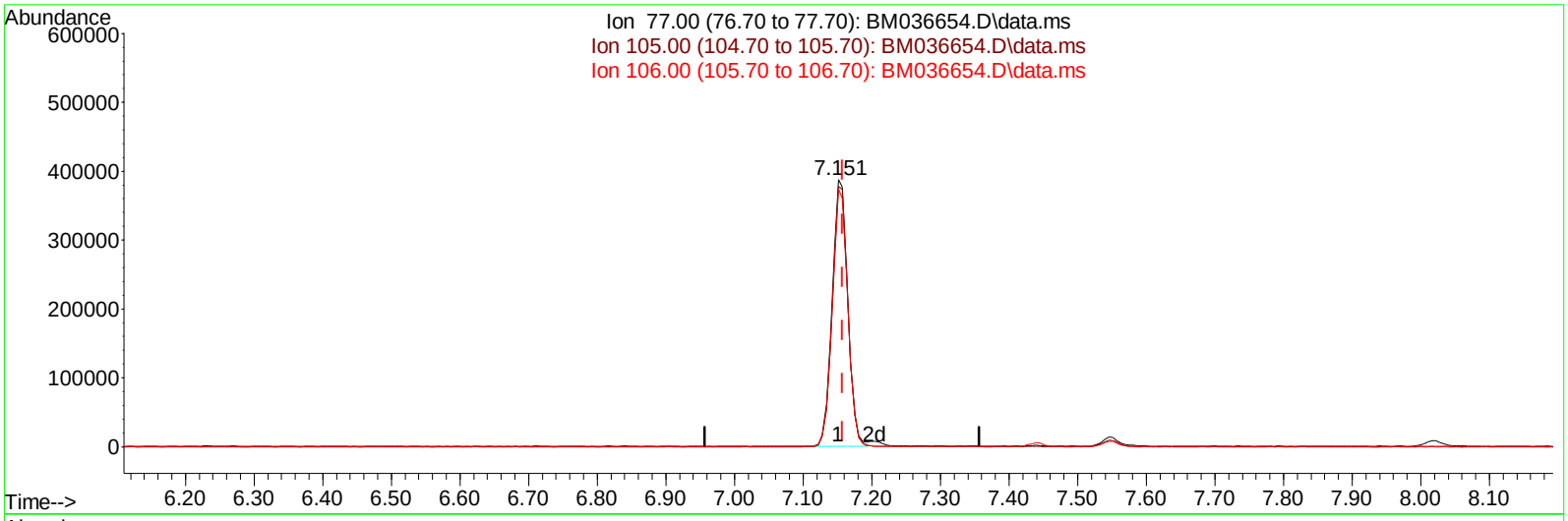
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036654.D
Acq On : 22 Sep 2022 09:46
Operator : CG/JU
Sample : PB147764BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

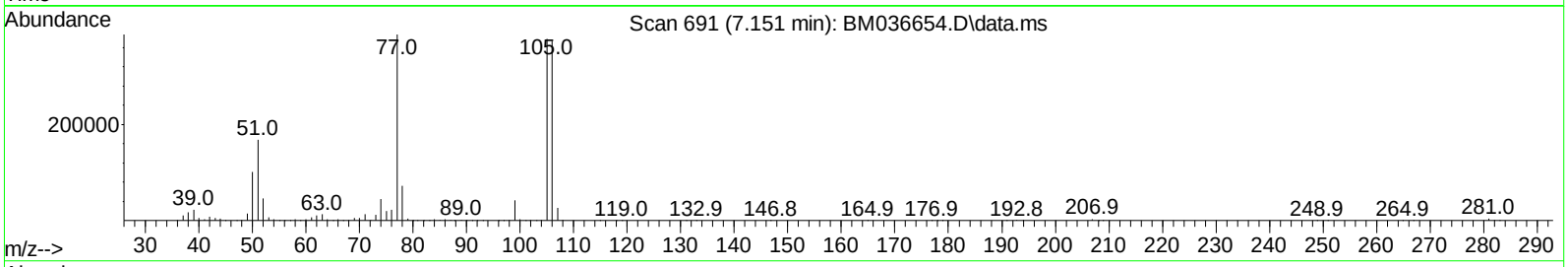
Quant Time: Sep 23 00:58:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

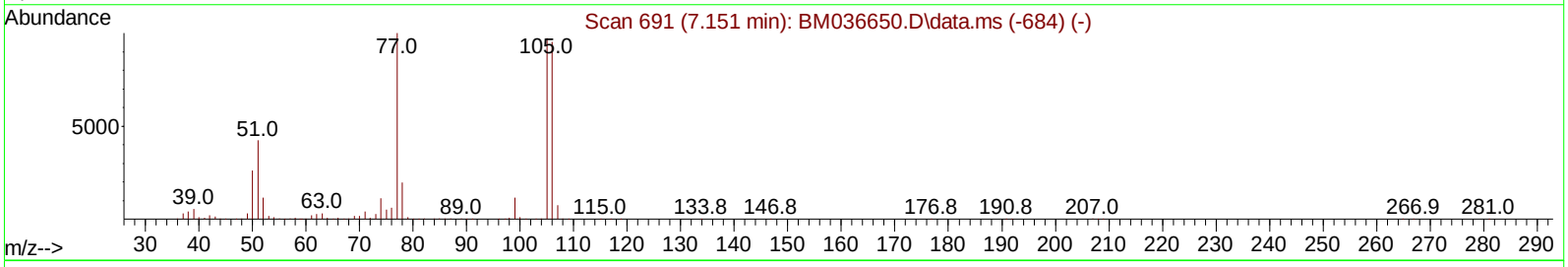
Instrument :
BNA_M
ClientSampleId :
SLCS764

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/23/2022
Supervised By :mohammad ahmed 09/23/2022







TIC: BM036654.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 39.37 ng/ul

response 610786

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.59
106.00	91.30	96.65
0.00	0.00	0.00

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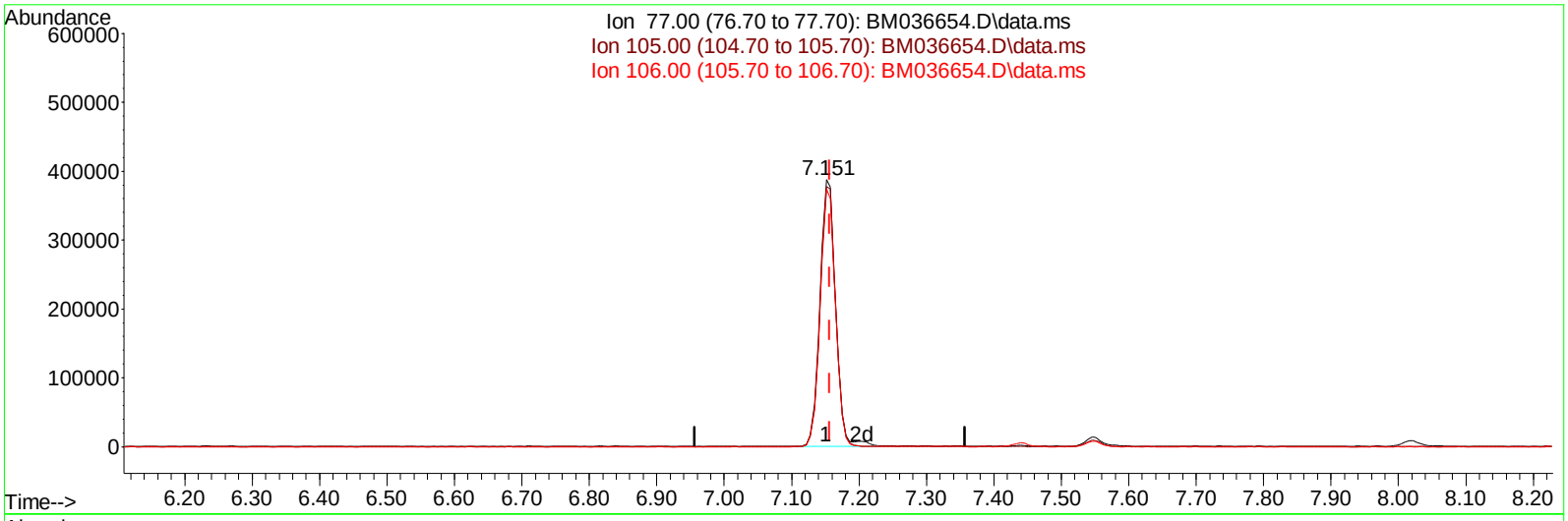

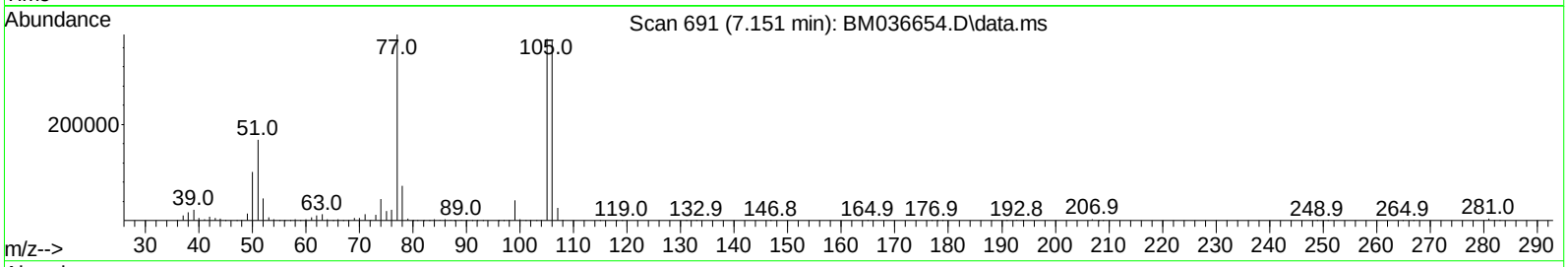

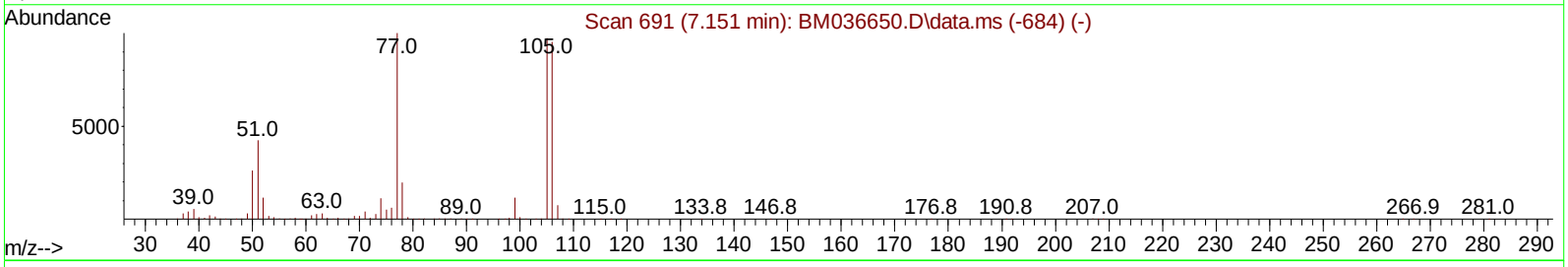

TIC: BM036654.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 40.05 ng/ul m

response 621382

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.59
106.00	91.30	96.65
0.00	0.00	0.00

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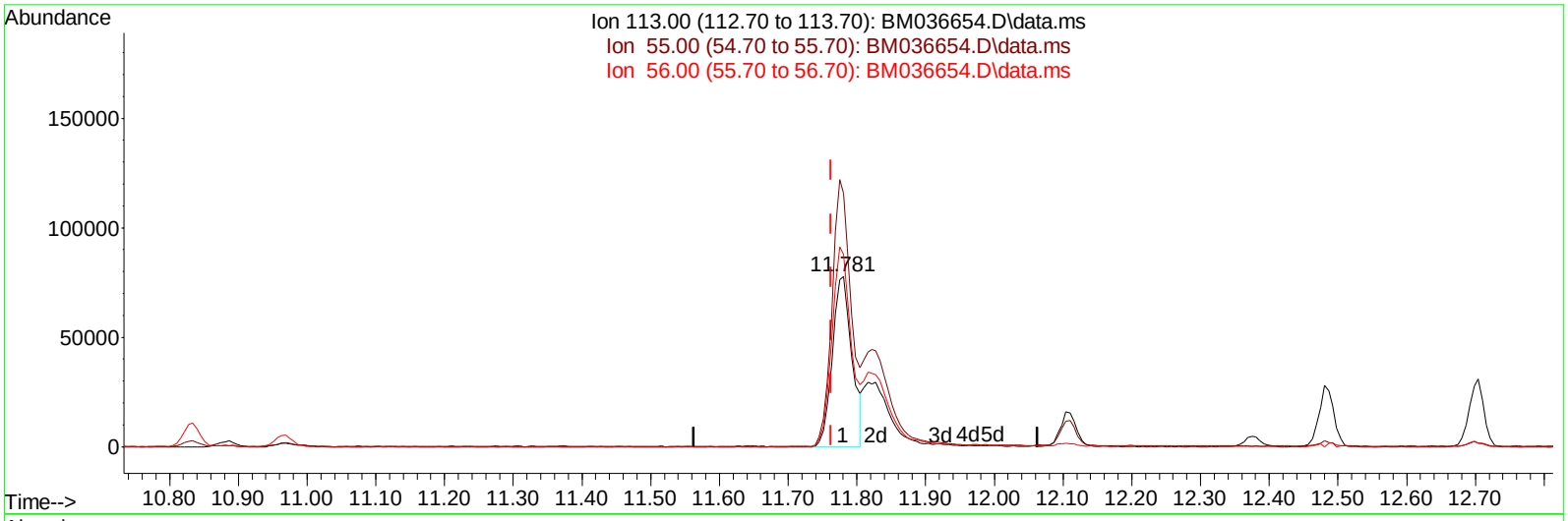

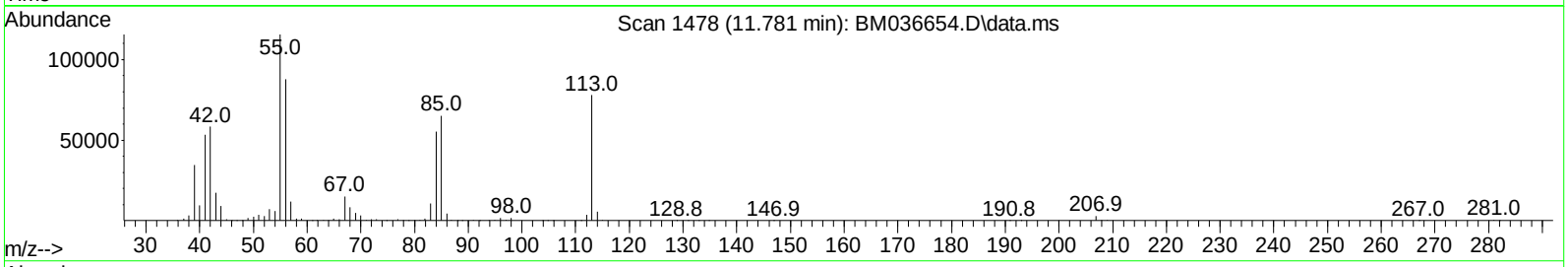

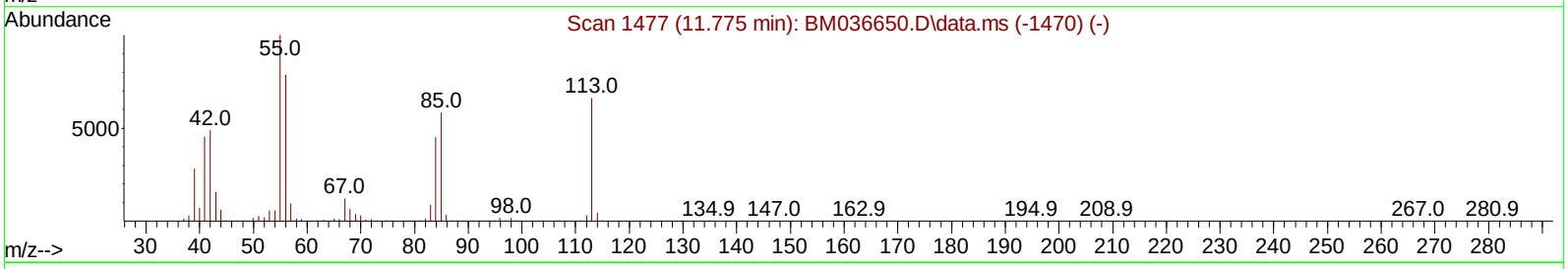

TIC: BM036654.D\data.ms

(34) Caprolactam

11.781min (+ 0.018) 20.00 ng/ul

response 153752

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	148.39
56.00	118.30	112.67
0.00	0.00	0.00

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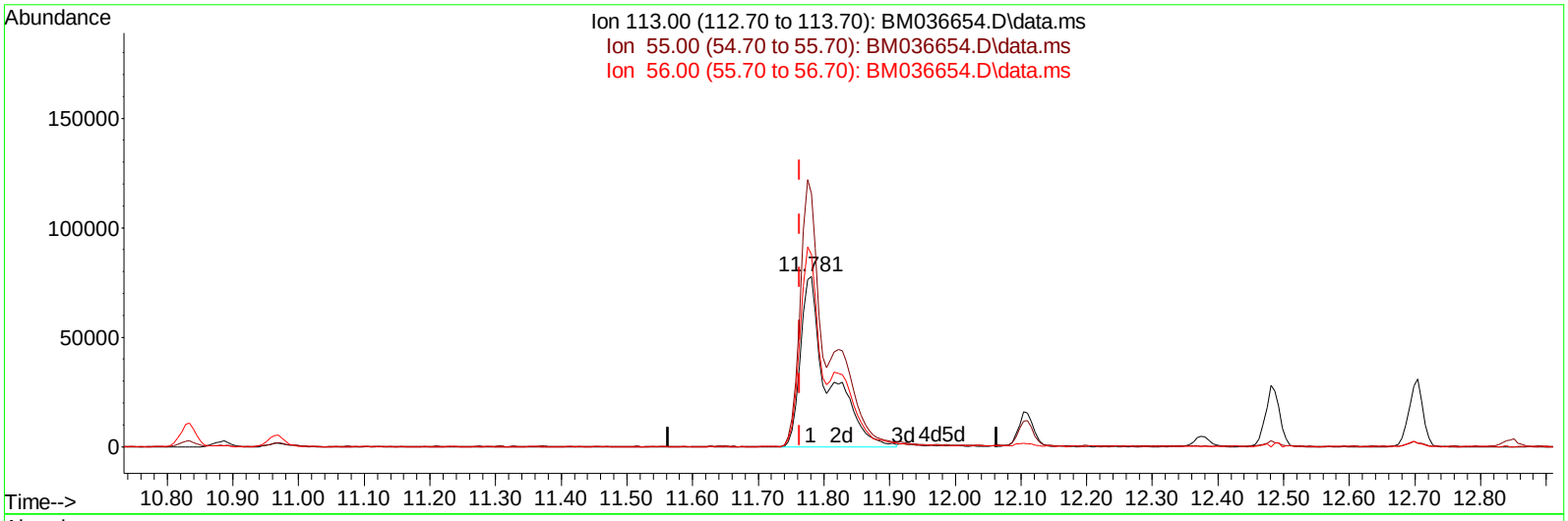

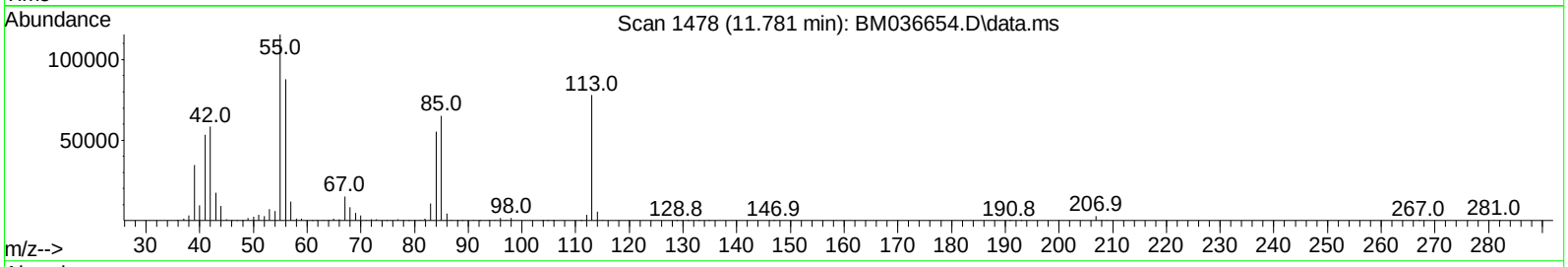

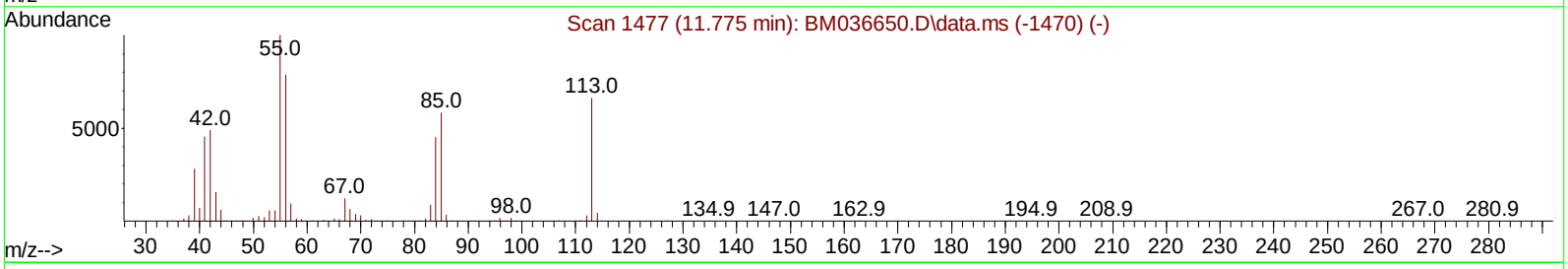

TIC: BM036654.D\data.ms

(34) Caprolactam

11.781min (+ 0.018) 30.32 ng/ul m

response 233071

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	148.39
56.00	118.30	112.67
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	358506	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	1604545	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1019493	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	2009471	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1585496	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1306351	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	50566	5.287	ng/uL	0.00
4) Pyridine-d5	3.816	84	633213	22.703	ng/ul	0.00
7) Phenol-d5	7.175	99	1018227	31.782	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	605744	31.133	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	802274	34.782	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	814612	34.411	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	403332	37.138	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	401042	41.226	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	777028	34.467	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	847556	22.612	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2230223	32.435	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	2730899	33.483	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	429961	32.240	ng/ul	0.00
60) Fluorene-d10	15.633	176	1973436	32.027	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	296664	37.315	ng/ul	0.00
73) Anthracene-d10	17.480	188	2951780	32.127	ng/ul	0.00
81) Pyrene-d10	19.762	212	3078342	39.466	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2144008	33.593	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	104809	10.174	ng/uL	95
5) Pyridine	3.840	79	671840	23.976	ng/ul	93
6) Benzaldehyde	7.151	77	621382m	40.053	ng/ul	
8) Phenol	7.204	94	1026226	29.845	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.440	93	779727	29.145	ng/ul	98
12) 2-Chlorophenol	7.581	128	787796	31.574	ng/ul	96
13) 2-Methylphenol	8.463	108	763813	30.221	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	908241	28.643	ng/ul	97
16) Acetophenone	8.851	105	1233966	30.052	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.840	70	605771	30.575	ng/ul	96
18) 4-Methylphenol	8.793	108	841934	30.806	ng/ul	100
19) Hexachloroethane	9.104	117	306799	30.357	ng/ul	96
22) Nitrobenzene	9.228	77	899901	31.209	ng/ul	97
23) Isophorone	9.763	82	1712526	29.128	ng/ul	98
25) 2-Nitrophenol	9.940	139	423869	35.278	ng/ul	99
26) 2,4-Dimethylphenol	10.004	107	887440	29.946	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.239	93	1045114	29.824	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	752195	31.737	ng/ul	99
30) Naphthalene	10.881	128	2586908	29.595	ng/ul	100
32) 4-Chloroaniline	10.992	127	965699	24.955	ng/ul	99
33) Hexachlorobutadiene	11.169	225	426022	29.390	ng/ul	100
34) Caprolactam	11.781	113	233071m	30.316	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	821029	31.382	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	12.481	142	1740575	29.887	ng/ul	100
37) 1-Methylnaphthalene	12.704	142	1773289	30.288	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	847936	29.385	ng/ul	98
40) Hexachlorocyclopentadiene	12.828	237	335838	22.333	ng/ul	99
41) 2,4,6-Trichlorophenol	13.086	196	558059	31.586	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	611781	32.297	ng/ul	97
43) 1,1'-Biphenyl	13.486	154	2221445	29.559	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	1730928	29.352	ng/ul	99
45) 2-Nitroaniline	13.727	65	505850	34.850	ng/ul	96
47) Dimethylphthalate	14.104	163	2137801	29.310	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	418030	35.252	ng/ul	97
50) Acenaphthylene	14.369	152	2740489	29.389	ng/ul	100
51) 3-Nitroaniline	14.545	138	479672	33.727	ng/ul#	97
52) Acenaphthene	14.710	153	1912689	29.316	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	180707	34.344	ng/ul	95
55) 4-Nitrophenol	14.851	109	324685	28.480	ng/ul	95
56) Dibenzofuran	15.039	168	2563343	29.254	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	597513	34.660	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.263	232	488423	30.802	ng/ul#	98
59) Diethylphthalate	15.463	149	2136024	29.255	ng/ul	99
61) Fluorene	15.686	166	2180612	29.220	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.680	204	1029367	28.842	ng/ul	99
63) 4-Nitroaniline	15.704	138	506962	36.689	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.763	198	292126	32.561	ng/ul	95
67) N-Nitrosodiphenylamine	15.892	169	1802424	30.454	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	584095	29.491	ng/ul	98
69) Hexachlorobenzene	16.686	284	673959	28.769	ng/ul	99
70) Atrazine	16.839	200	287922	13.786	ng/ul	98
71) Pentachlorophenol	17.027	266	378677	27.213	ng/ul	98
72) Phenanthrene	17.421	178	3303106	29.843	ng/ul	99
74) Anthracene	17.515	178	3322589	29.533	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	886136	32.242	ng/uL	99
76) Pentachlorobenzene	14.957	250	792294	26.653	ng/uL	100
77) Carbazole	17.780	167	2986277	28.670	ng/ul	100
78) Di-n-butylphthalate	18.351	149	3581426	30.336	ng/ul	100
80) Fluoranthene	19.427	202	3526670	36.897	ng/ul	100
82) Pyrene	19.792	202	3652532	36.101	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1446826	37.739	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.462	252	955837	30.854	ng/ul	99
85) Benzo(a)anthracene	21.533	228	3023848	30.439	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	2198526	39.257	ng/ul	99
87) Chrysene	21.586	228	2801876	29.715	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	3312603	42.061	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	2627978	31.723	ng/ul	99
91) Benzo(k)fluoranthene	23.292	252	2553014	30.843	ng/ul	99
93) Benzo(a)pyrene	23.880	252	2230238	30.625	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.538	276	2505687	29.463	ng/ul	96
95) Dibenzo(a,h)anthracene	26.550	278	2279264	29.553	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	2174673	29.497	ng/ul	99

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

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