Quantitation Report (Qedit)

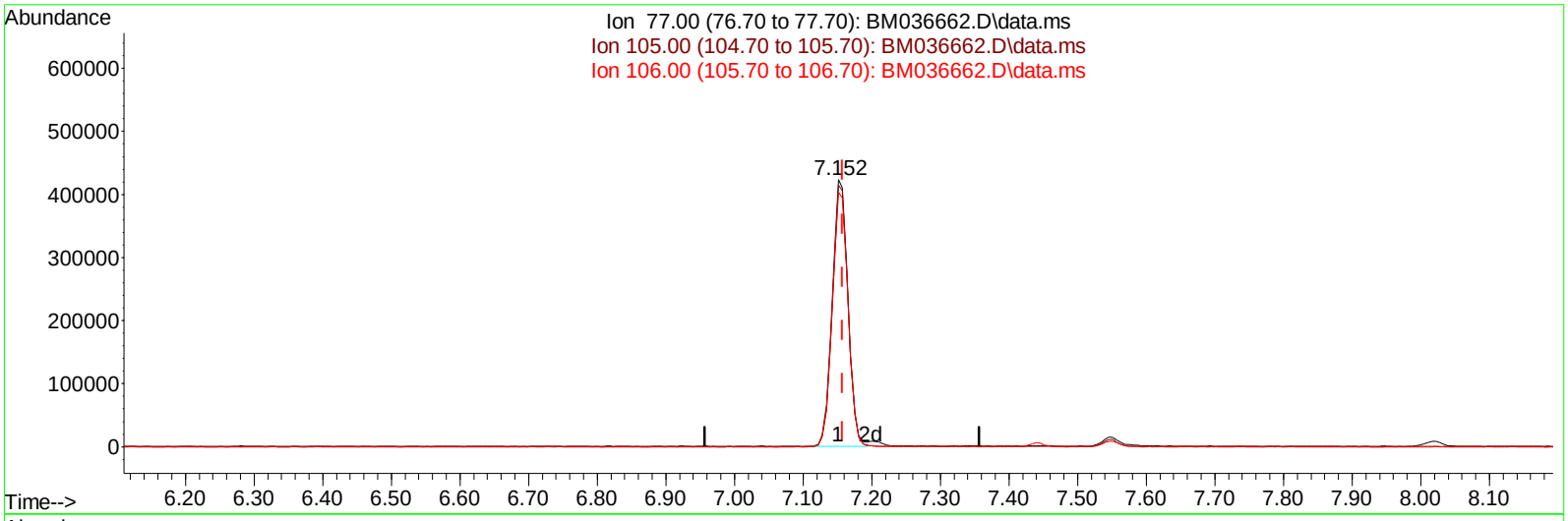
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036662.D
Acq On : 22 Sep 2022 14:44
Operator : CG/JU
Sample : PB147686BS
Misc :
ALS Vial : 48 Sample Multiplier: 1

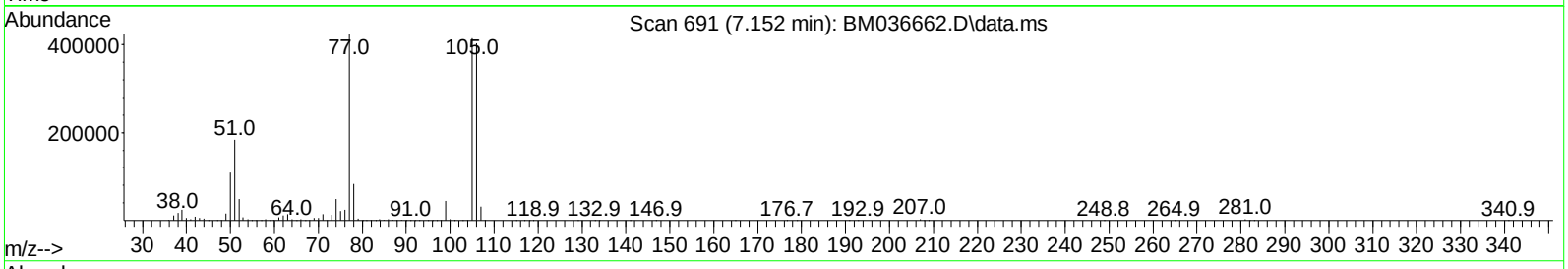
Quant Time: Sep 23 01:01:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

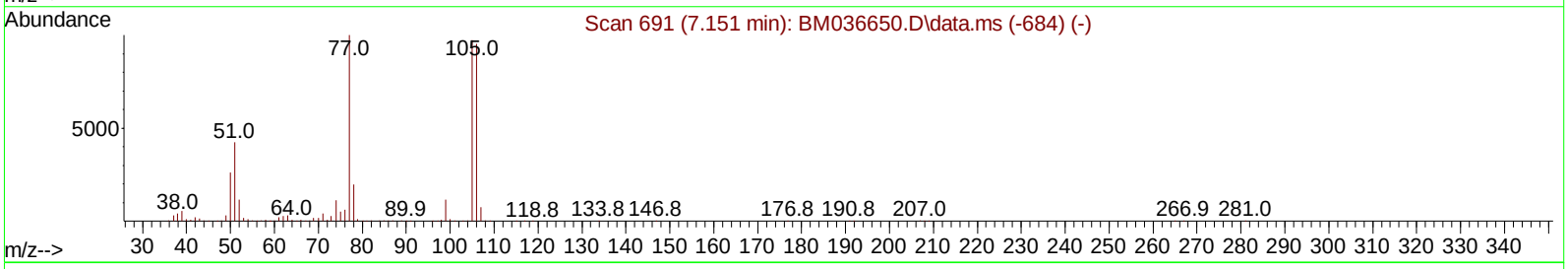
Instrument :
BNA_M
ClientSampleId :
SLCS686

Manual IntegrationsAPPROVED

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







TIC: BM036662.D\data.ms

(6) Benzaldehyde

7.152min (-0.006) 43.54 ng/ul

response 673418

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.02
106.00	91.30	95.31
0.00	0.00	0.00

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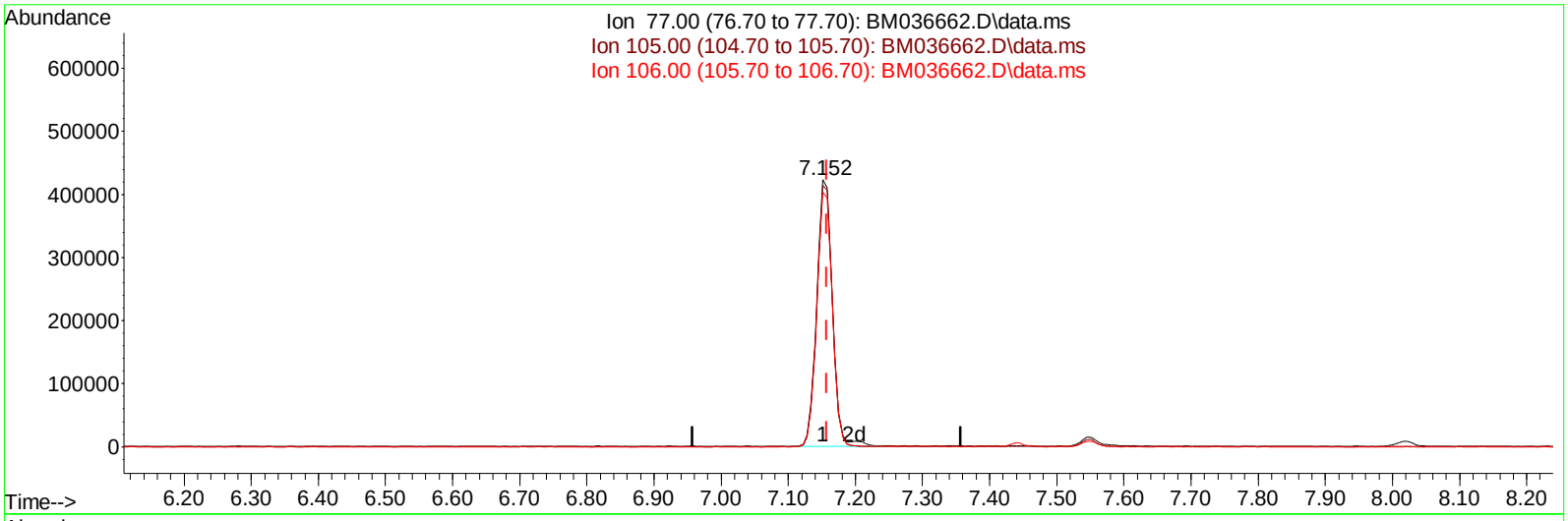

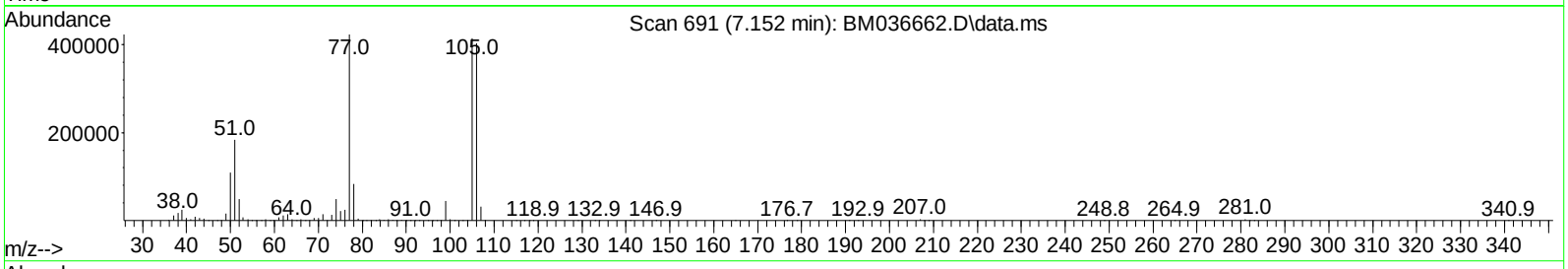

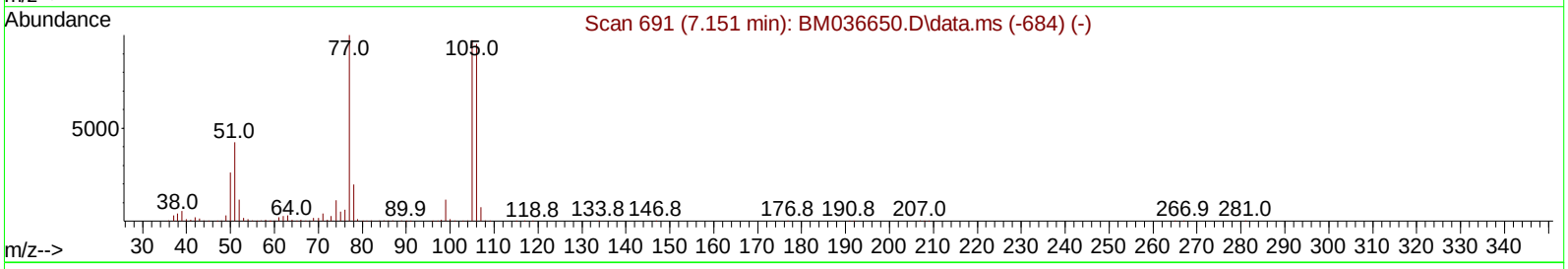

TIC: BM036662.D\data.ms

(6) Benzaldehyde

7.152min (-0.006) 44.36 ng/ul m

response 686088

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.02
106.00	91.30	95.31
0.00	0.00	0.00

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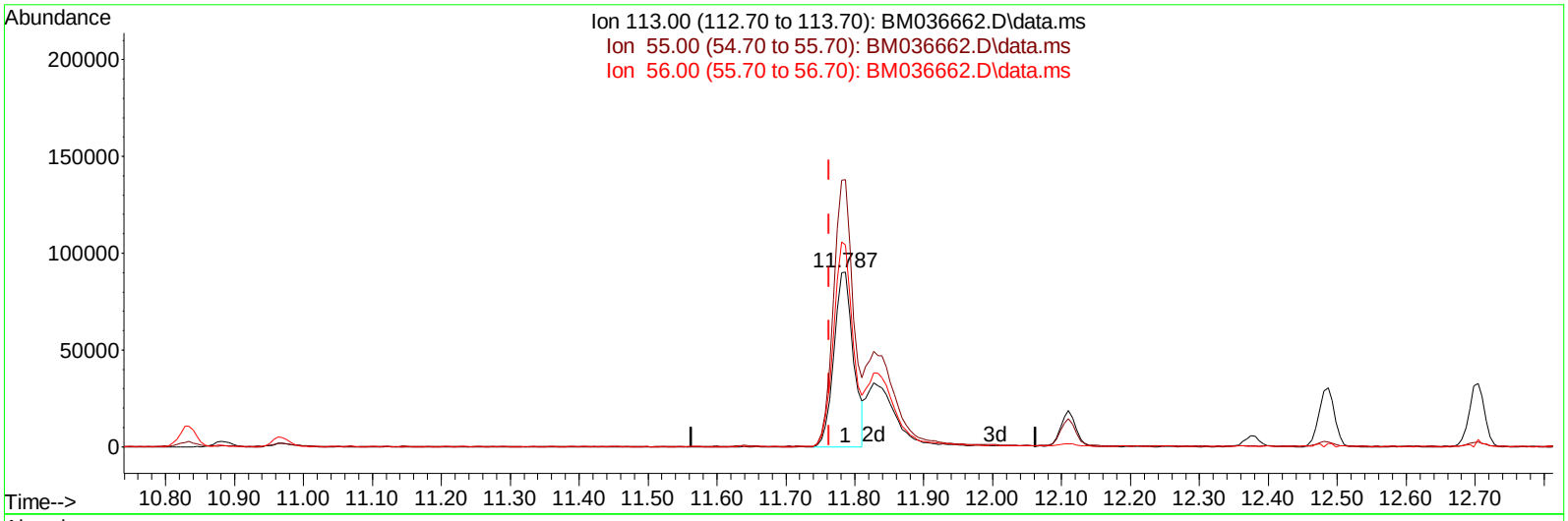

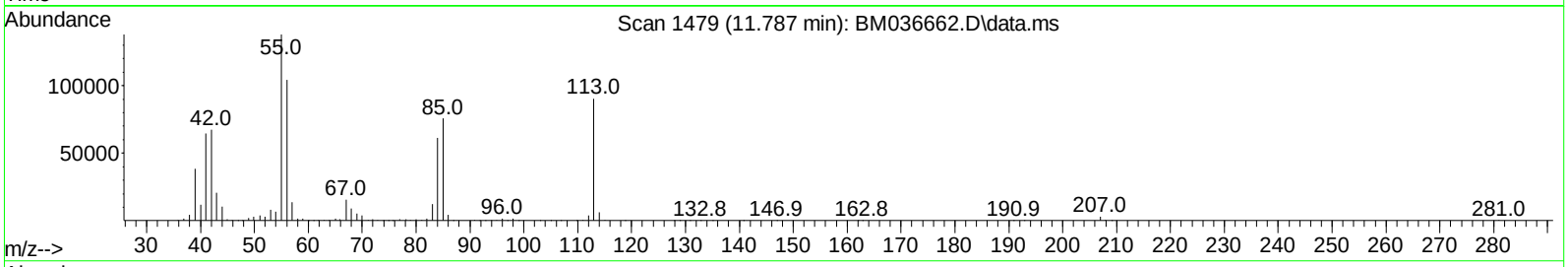

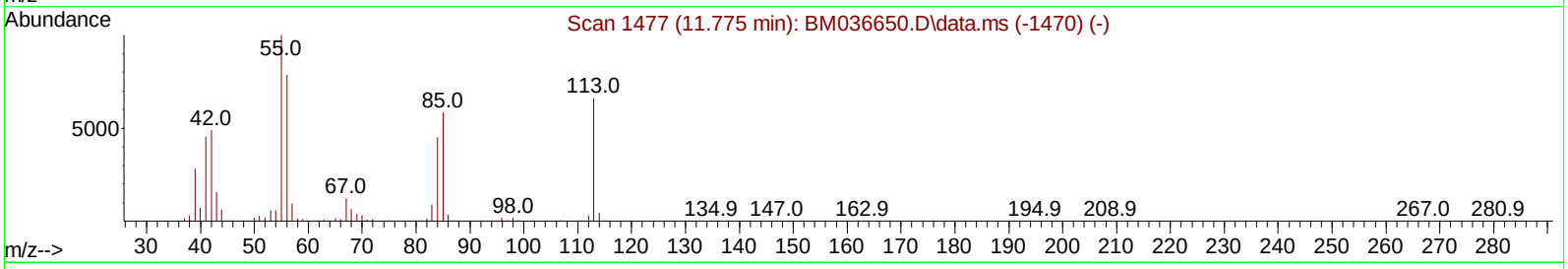

TIC: BM036662.D\data.ms

(34) Caprolactam

11.787min (+ 0.024) 22.68 ng/ul

response 176548

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	152.65
56.00	118.30	115.31
0.00	0.00	0.00

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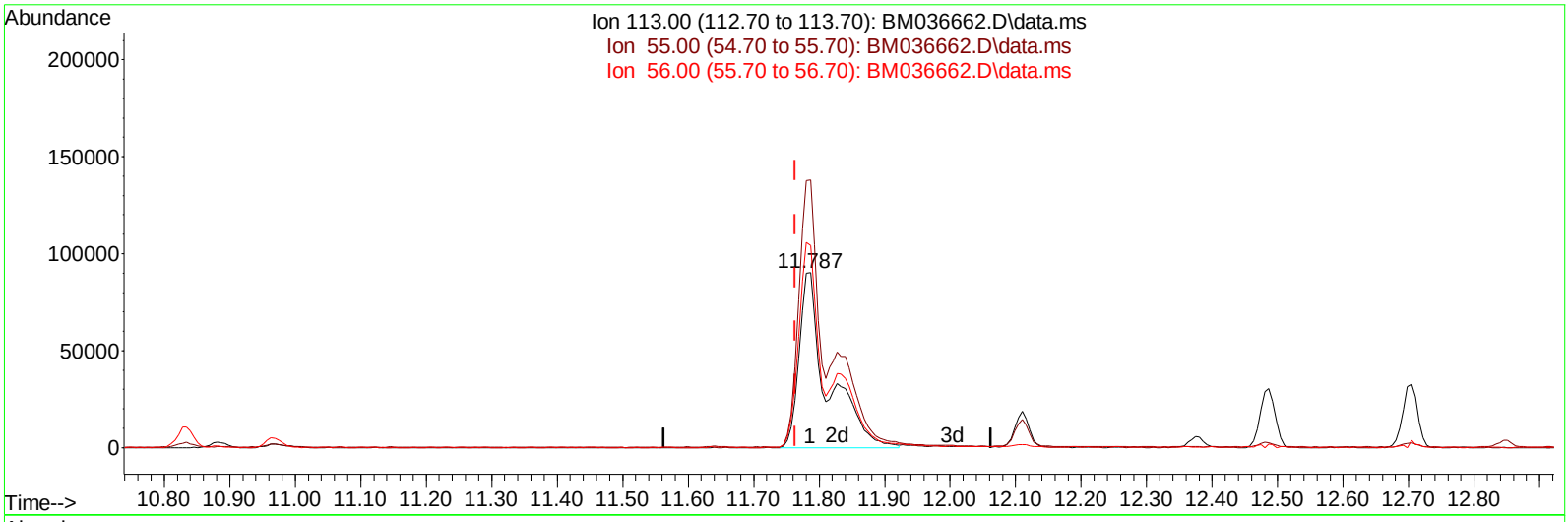

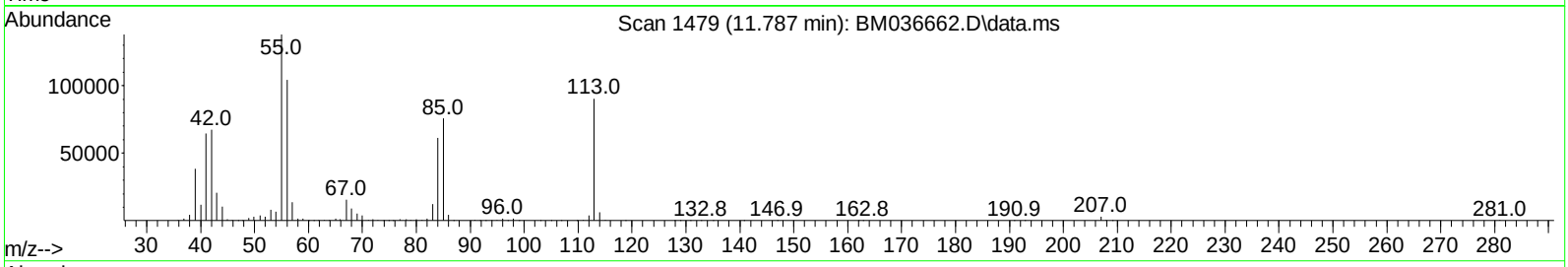

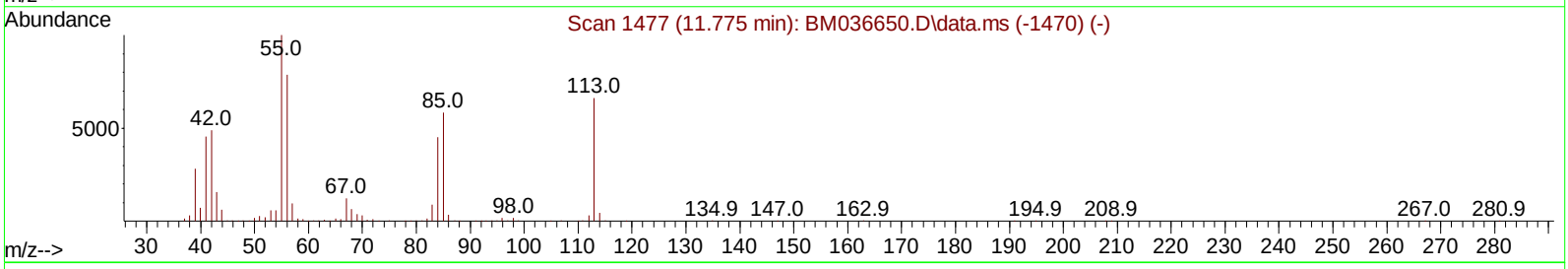

TIC: BM036662.D\data.ms

(34) Caprolactam

11.787min (+ 0.024) 34.78 ng/ul m

response 270711

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	152.65
56.00	118.30	115.31
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	357374	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	1624380	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1013886	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	2003313	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1549857	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	1246555	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	58352	6.121	ng/uL	0.00
4) Pyridine-d5	3.817	84	678169	24.392	ng/ul	0.00
7) Phenol-d5	7.175	99	1182702	37.033	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	696582	35.916	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	913078	39.711	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	941110	39.881	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	459006	41.748	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	460259	46.736	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	895933	39.256	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	778685	20.521	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2571709	37.609	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	3144514	38.768	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	495084	37.328	ng/ul	0.01
60) Fluorene-d10	15.633	176	2281117	37.225	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	340526	42.963	ng/ul	0.00
73) Anthracene-d10	17.480	188	3354106	36.618	ng/ul	0.00
81) Pyrene-d10	19.763	212	3528787	46.281	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2397461	39.366	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	115334	11.231	ng/uL	95
5) Pyridine	3.840	79	815244	29.186	ng/ul	93
6) Benzaldehyde	7.152	77	686088m	44.364	ng/ul	
8) Phenol	7.205	94	1172975	34.221	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.440	93	892606	33.470	ng/ul	99
12) 2-Chlorophenol	7.581	128	899667	36.172	ng/ul	98
13) 2-Methylphenol	8.463	108	877875	34.844	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1049237	33.195	ng/ul	98
16) Acetophenone	8.851	105	1396150	34.109	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.840	70	705056	35.699	ng/ul	95
18) 4-Methylphenol	8.793	108	966210	35.465	ng/ul	99
19) Hexachloroethane	9.104	117	347678	34.511	ng/ul	94
22) Nitrobenzene	9.228	77	1034009	35.422	ng/ul	97
23) Isophorone	9.763	82	1973772	33.162	ng/ul	99
25) 2-Nitrophenol	9.945	139	481444	39.580	ng/ul	99
26) 2,4-Dimethylphenol	10.004	107	994703	33.156	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	1193902	33.654	ng/ul	100
29) 2,4-Dichlorophenol	10.475	162	858965	35.800	ng/ul	99
30) Naphthalene	10.881	128	2950739	33.345	ng/ul	100
32) 4-Chloroaniline	10.993	127	1179783	30.115	ng/ul	98
33) Hexachlorobutadiene	11.169	225	481130	32.787	ng/ul	99
34) Caprolactam	11.787	113	270711m	34.782	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	951659	35.931	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	12.487	142	1994527	33.829	ng/ul	100
37) 1-Methylnaphthalene	12.704	142	2022169	34.117	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	967284	33.707	ng/ul	99
40) Hexachlorocyclopentadiene	12.828	237	351490	23.503	ng/ul	100
41) 2,4,6-Trichlorophenol	13.086	196	636970	36.251	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	687414	36.490	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	2553486	34.165	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	1986132	33.865	ng/ul	99
45) 2-Nitroaniline	13.728	65	587203	40.678	ng/ul	98
47) Dimethylphthalate	14.110	163	2440959	33.652	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	479970	40.699	ng/ul	98
50) Acenaphthylene	14.369	152	3139990	33.860	ng/ul	99
51) 3-Nitroaniline	14.551	138	549047	38.818	ng/ul#	95
52) Acenaphthene	14.710	153	2189964	33.751	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	208634	39.870	ng/ul	96
55) 4-Nitrophenol	14.851	109	376074	33.170	ng/ul	96
56) Dibenzofuran	15.045	168	2956689	33.930	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	687890	40.123	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.263	232	562782	35.688	ng/ul#	95
59) Diethylphthalate	15.463	149	2465040	33.948	ng/ul	99
61) Fluorene	15.692	166	2530293	34.093	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.680	204	1184140	33.362	ng/ul	98
63) 4-Nitroaniline	15.710	138	567070	41.265	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	332522	37.178	ng/ul	99
67) N-Nitrosodiphenylamine	15.892	169	2058116	34.882	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	656971	33.272	ng/ul	99
69) Hexachlorobenzene	16.686	284	762635	32.655	ng/ul	98
70) Atrazine	16.845	200	561211	26.954	ng/ul	98
71) Pentachlorophenol	17.027	266	447261	32.241	ng/ul	98
72) Phenanthrene	17.427	178	3789638	34.344	ng/ul	99
74) Anthracene	17.516	178	3788673	33.780	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	1005706	36.705	ng/uL	99
76) Pentachlorobenzene	14.963	250	901679	30.426	ng/uL	100
77) Carbazole	17.786	167	3458592	33.306	ng/ul	100
78) Di-n-butylphthalate	18.351	149	4178867	35.505	ng/ul	99
80) Fluoranthene	19.433	202	4070446	43.565	ng/ul	99
82) Pyrene	19.792	202	4187552	42.341	ng/ul	98
83) Butylbenzylphthalate	20.686	149	1683309	44.917	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.468	252	1059154	34.975	ng/ul	98
85) Benzo(a)anthracene	21.533	228	3443987	35.466	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	2514344	45.929	ng/ul	99
87) Chrysene	21.592	228	3190998	34.620	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	3816208	50.780	ng/ul	100
90) Benzo(b)fluoranthene	23.251	252	2963029	37.484	ng/ul	99
91) Benzo(k)fluoranthene	23.298	252	2837651	35.926	ng/ul	98
93) Benzo(a)pyrene	23.886	252	2486018	35.774	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.544	276	2782838	34.292	ng/ul	96
95) Dibenzo(a,h)anthracene	26.562	278	2530202	34.380	ng/ul	99
96) Benzo(g,h,i)perylene	27.327	276	2411170	34.273	ng/ul	99

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

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