Quantitation Report (Qedit)

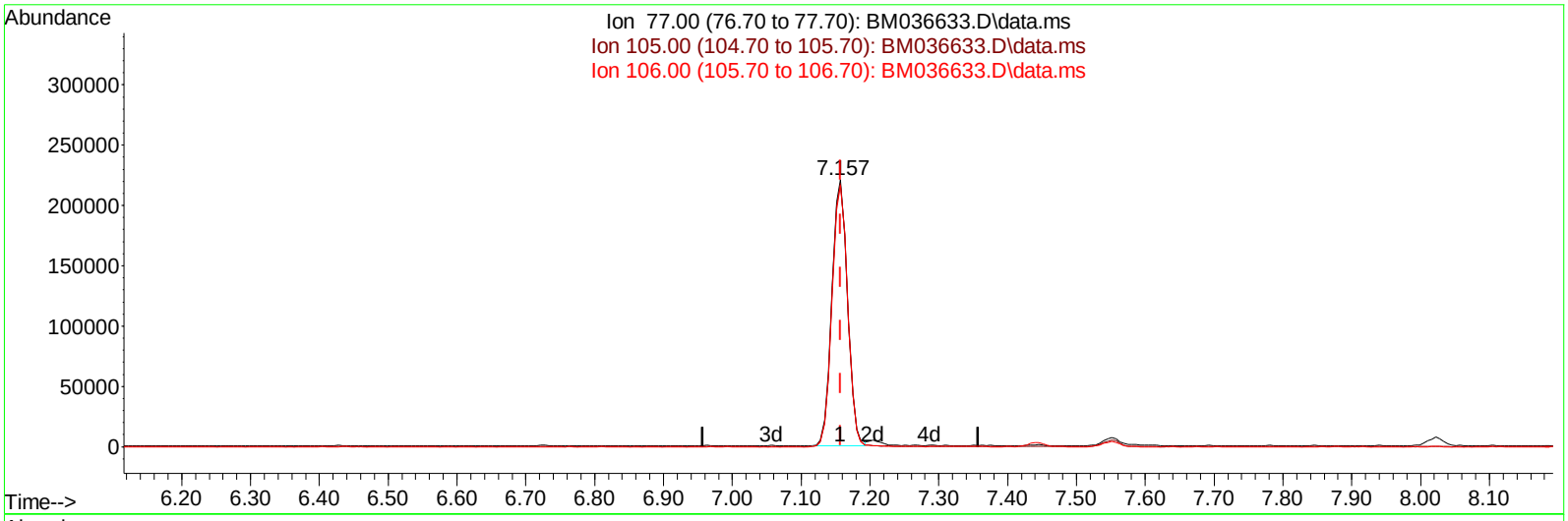
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036633.D
Acq On : 21 Sep 2022 20:36
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

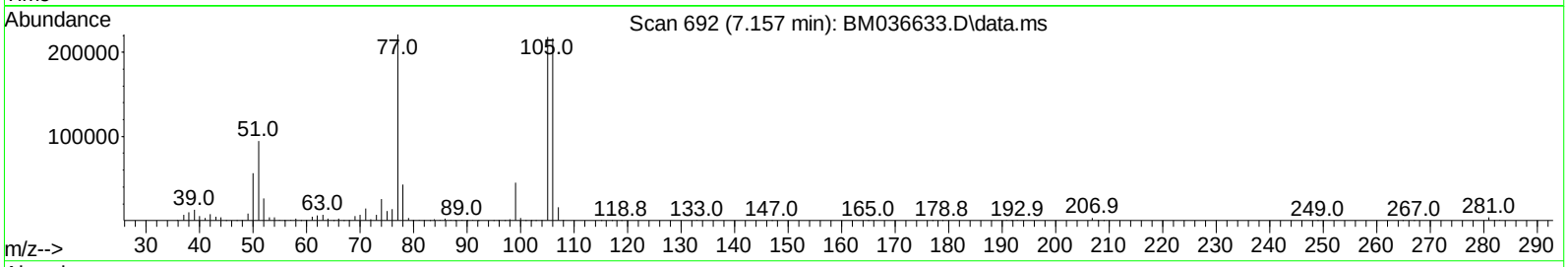
Quant Time: Sep 22 00:13:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

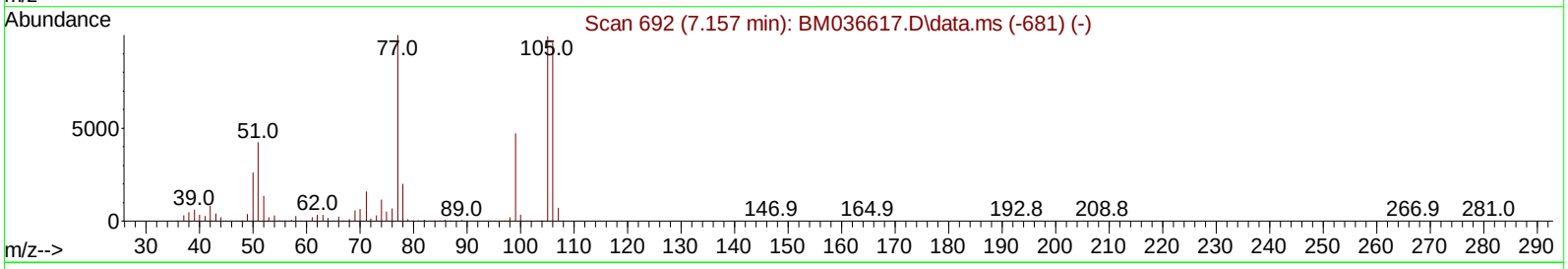
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022







TIC: BM036633.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 25.41 ng/ul

response 346303

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.76
106.00	91.30	97.86
0.00	0.00	0.00

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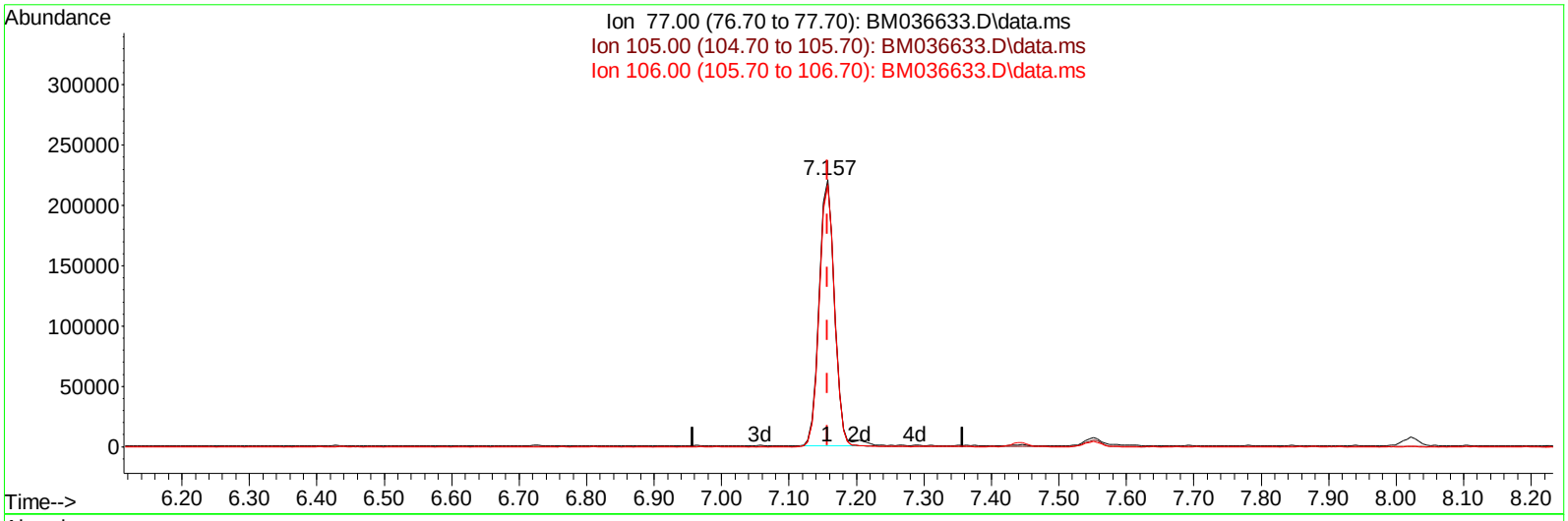

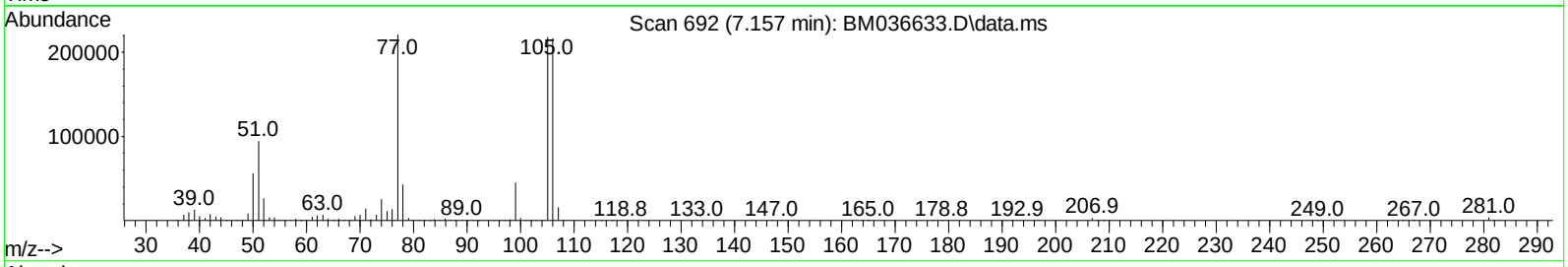

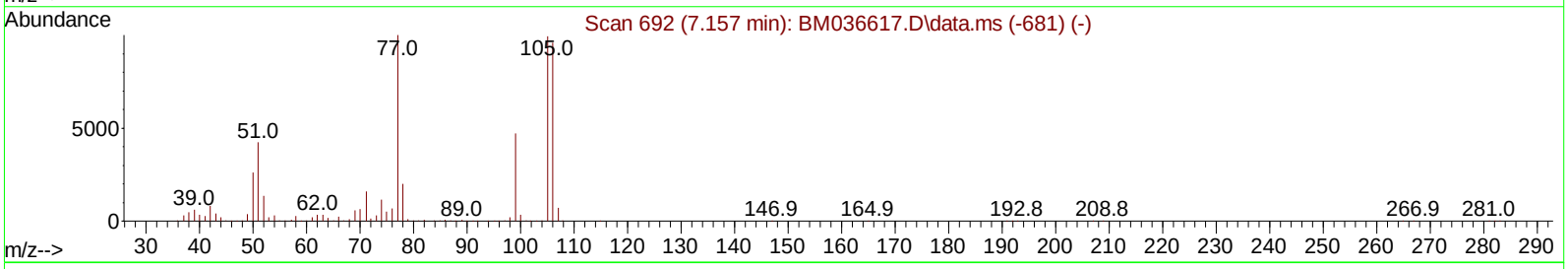

TIC: BM036633.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 25.95 ng/ul m

response 353718

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.76
106.00	91.30	97.86
0.00	0.00	0.00

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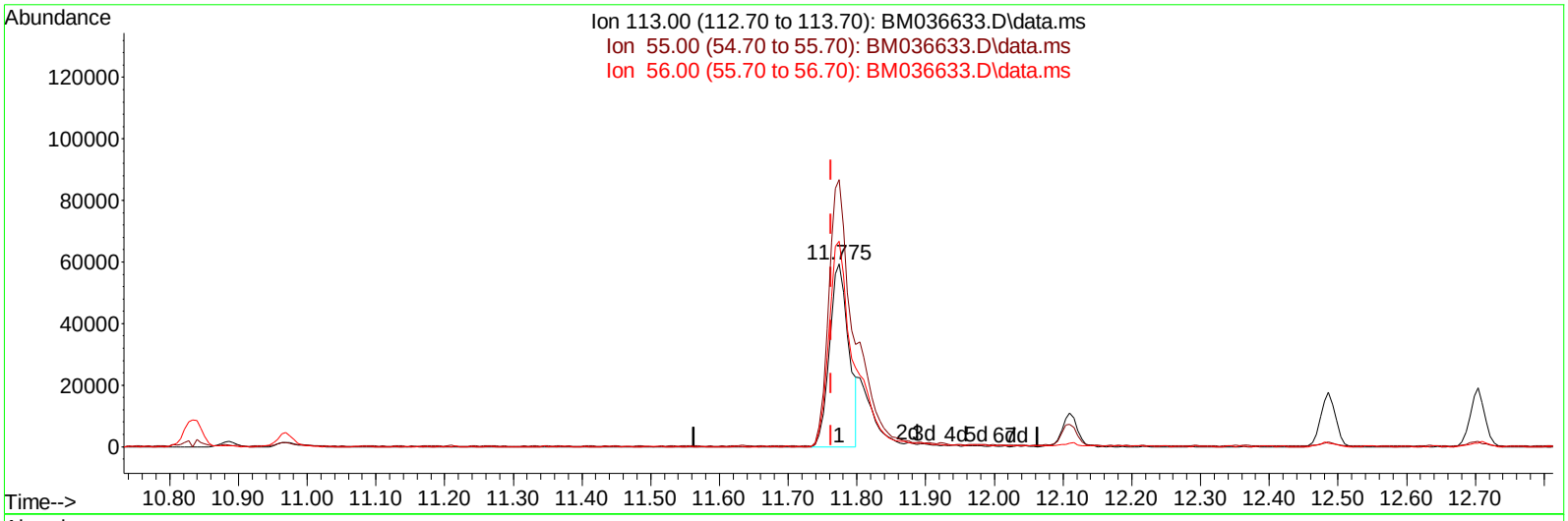

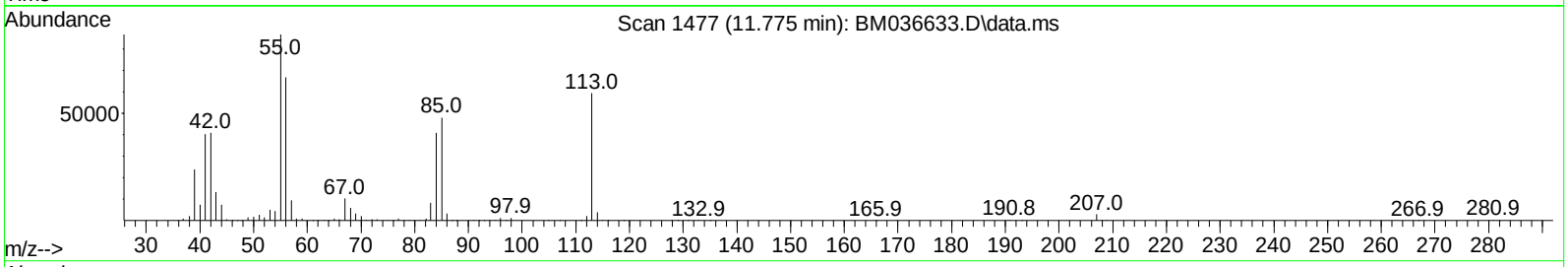

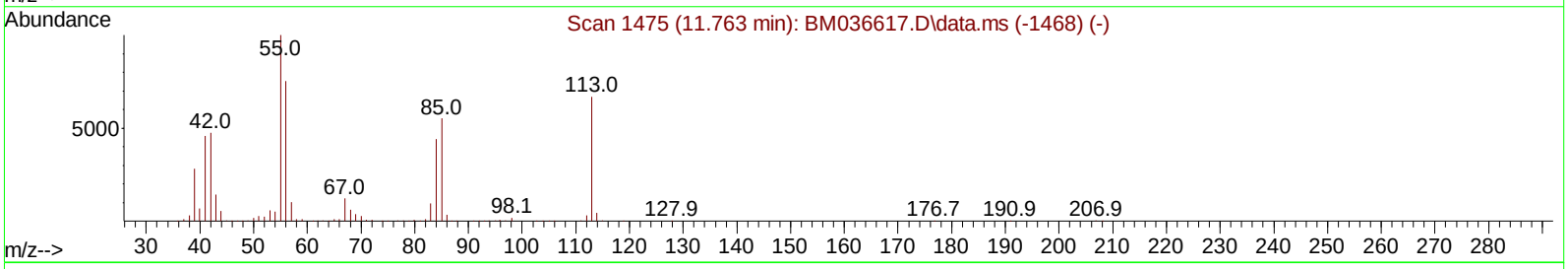

TIC: BM036633.D\data.ms

(34) Caprolactam

11.775min (+ 0.012) 16.67 ng/ul

response 115877

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	146.19
56.00	118.30	112.59
0.00	0.00	0.00

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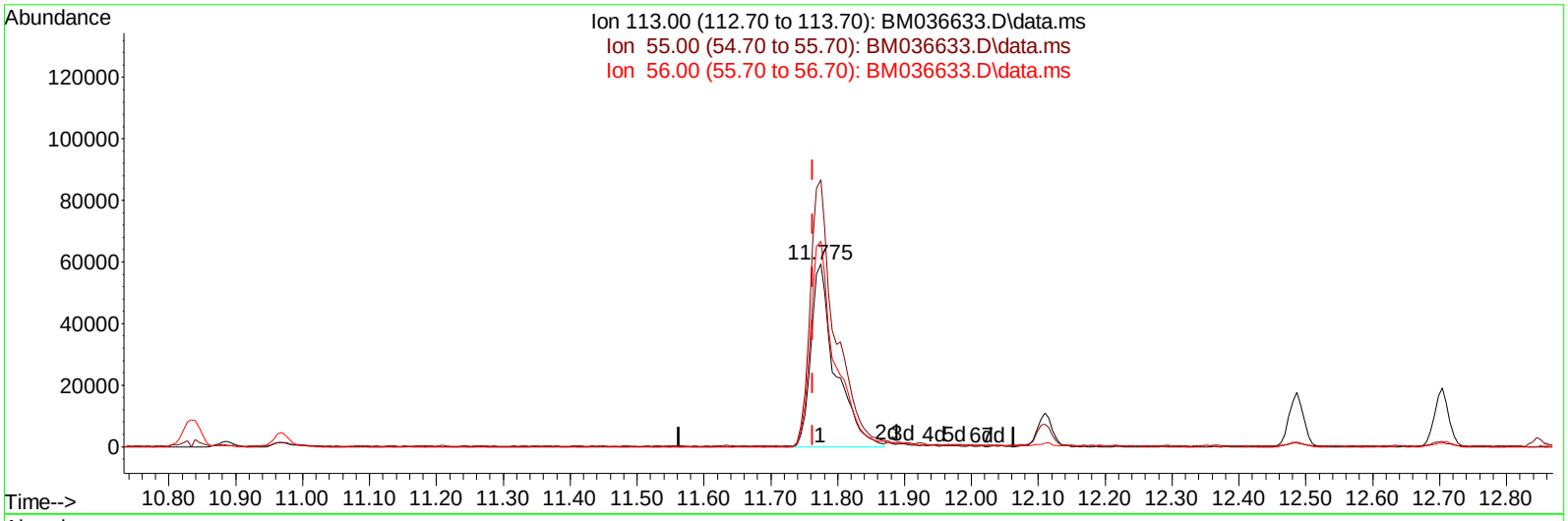

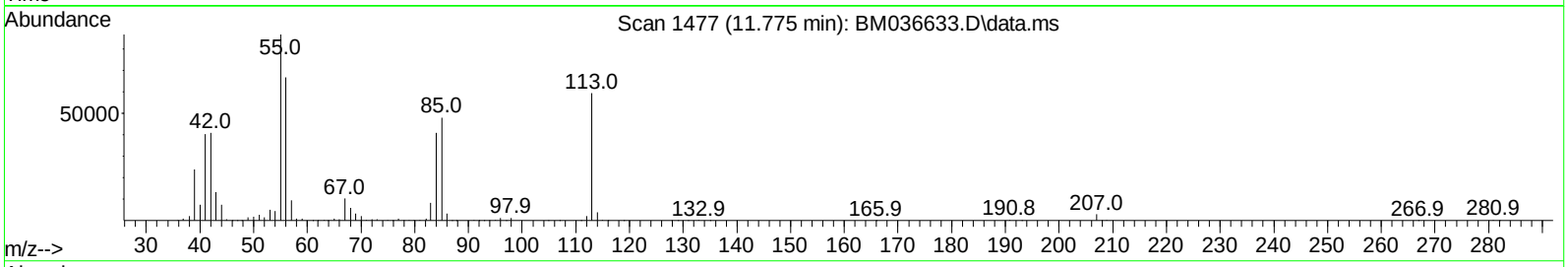

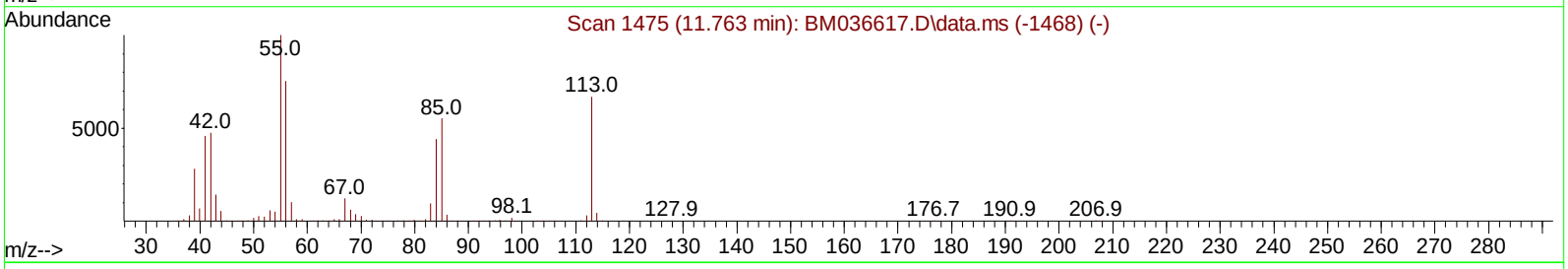

TIC: BM036633.D\data.ms

(34) Caprolactam

11.775min (+ 0.012) 21.57 ng/ul m

response 149947

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	146.19
56.00	118.30	112.59
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	8.022	152	314967	20.000	ng/ul	0.00
20) Naphthalene-d8	10.833	136	1450668	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	948292	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1937425	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1754580	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1531796	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	61037	7.265	ng/uL	0.00
4) Pyridine-d5	3.822	84	460303	18.785	ng/ul	0.00
7) Phenol-d5	7.181	99	563656	20.025	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	336665	19.696	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	436036	21.517	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	450139	21.644	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	224828	22.898	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	228822	26.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	438064	21.492	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	677706	19.998	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1300486	20.334	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1543858	20.350	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	254818	20.542	ng/ul	0.00
60) Fluorene-d10	15.633	176	1165941	20.343	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	165976	21.653	ng/ul	0.00
73) Anthracene-d10	17.480	188	1806779	20.396	ng/ul	0.00
81) Pyrene-d10	19.762	212	1959371	22.699	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.827	264	1558375	20.824	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	64236	7.097	ng/uL	97
5) Pyridine	3.840	79	454100	18.446	ng/ul	95
6) Benzaldehyde	7.157	77	353718m	25.951	ng/ul	
8) Phenol	7.204	94	600439	19.876	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.440	93	473374	20.140	ng/ul	99
12) 2-Chlorophenol	7.581	128	471343	21.502	ng/ul	97
13) 2-Methylphenol	8.469	108	458816	20.663	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.563	45	551981	19.814	ng/ul	97
16) Acetophenone	8.851	105	764871	21.203	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.839	70	382742	21.988	ng/ul	94
18) 4-Methylphenol	8.792	108	510779	21.273	ng/ul	100
19) Hexachloroethane	9.110	117	186327	20.985	ng/ul	93
22) Nitrobenzene	9.228	77	557859	21.399	ng/ul	97
23) Isophorone	9.763	82	1077801	20.277	ng/ul	99
25) 2-Nitrophenol	9.945	139	263308	24.239	ng/ul	98
26) 2,4-Dimethylphenol	10.004	107	561515	20.958	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.245	93	651189	20.554	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	467013	21.795	ng/ul	99
30) Naphthalene	10.886	128	1623187	20.540	ng/ul	100
32) 4-Chloroaniline	10.992	127	697442	19.934	ng/ul	99
33) Hexachlorobutadiene	11.169	225	264077	20.150	ng/ul	100
34) Caprolactam	11.775	113	149947m	21.573	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	514632	21.757	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	12.486	142	1095884	20.813	ng/ul	99
37) 1-Methylnaphthalene	12.704	142	1092294	20.636	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	533759	19.886	ng/ul	99
40) Hexachlorocyclopentadiene	12.833	237	223846	16.003	ng/ul	99
41) 2,4,6-Trichlorophenol	13.086	196	355435	21.628	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	388756	22.064	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	1412238	20.202	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	1122311	20.460	ng/ul	99
45) 2-Nitroaniline	13.727	65	317943	23.549	ng/ul	98
47) Dimethylphthalate	14.104	163	1384141	20.402	ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	262574	23.805	ng/ul	95
50) Acenaphthylene	14.369	152	1762500	20.320	ng/ul	100
51) 3-Nitroaniline	14.545	138	314331	23.761	ng/ul#	94
52) Acenaphthene	14.710	153	1219610	20.096	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	105786	21.614	ng/ul	95
55) 4-Nitrophenol	14.851	109	212446	20.034	ng/ul	95
56) Dibenzofuran	15.045	168	1672532	20.521	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	384801	23.997	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.263	232	322500	21.865	ng/ul#	94
59) Diethylphthalate	15.463	149	1380791	20.331	ng/ul	99
61) Fluorene	15.692	166	1414377	20.376	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	667372	20.103	ng/ul	98
63) 4-Nitroaniline	15.704	138	326974	25.440	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	183617	21.228	ng/ul	96
67) N-Nitrosodiphenylamine	15.892	169	1165160	20.419	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	379452	19.871	ng/ul	99
69) Hexachlorobenzene	16.686	284	443124	19.619	ng/ul	98
70) Atrazine	16.845	200	386651	19.202	ng/ul	99
71) Pentachlorophenol	17.027	266	259107	19.313	ng/ul	99
72) Phenanthrene	17.427	178	2187919	20.502	ng/ul	99
74) Anthracene	17.515	178	2218718	20.455	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	531157	20.045	ng/uL	99
76) Pentachlorobenzene	14.963	250	581323	20.283	ng/uL	99
77) Carbazole	17.780	167	2027582	20.190	ng/ul	99
78) Di-n-butylphthalate	18.351	149	2382977	20.935	ng/ul	100
80) Fluoranthene	19.427	202	2423142	22.908	ng/ul	100
82) Pyrene	19.792	202	2550471	22.779	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1028495	24.242	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.462	252	765185	22.319	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2311450	21.026	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	1561669	25.198	ng/ul	99
87) Chrysene	21.586	228	2153531	20.638	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	2469352	26.740	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	2087086	21.486	ng/ul	100
91) Benzo(k)fluoranthene	23.291	252	2005947	20.667	ng/ul	99
93) Benzo(a)pyrene	23.880	252	1761691	20.630	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.532	276	1956942	19.624	ng/ul	97
95) Dibenzo(a,h)anthracene	26.556	278	1781853	19.703	ng/ul	98
96) Benzo(g,h,i)perylene	27.315	276	1695530	19.613	ng/ul	99

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

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