Quantitation Report (Qedit)

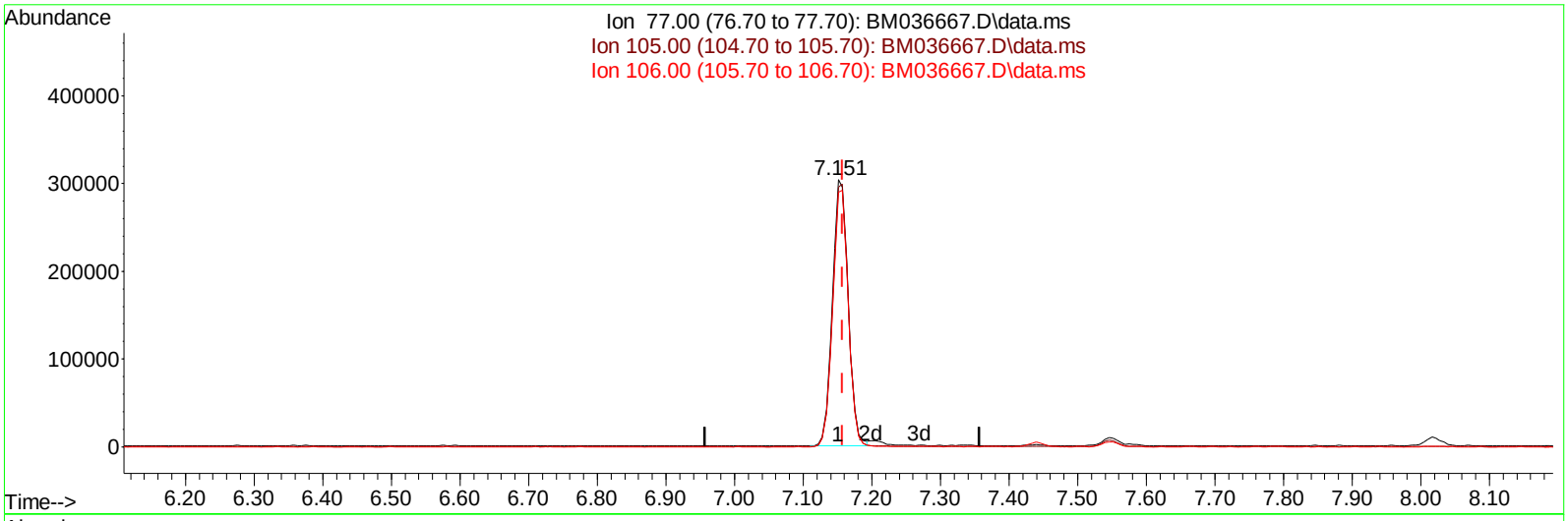
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036667.D
Acq On : 22 Sep 2022 17:51
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 53 Sample Multiplier: 1

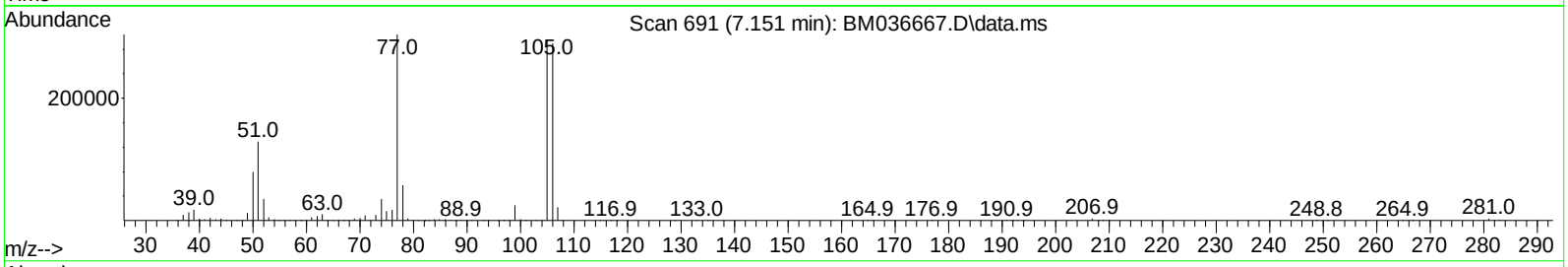
Quant Time: Sep 23 01:03:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

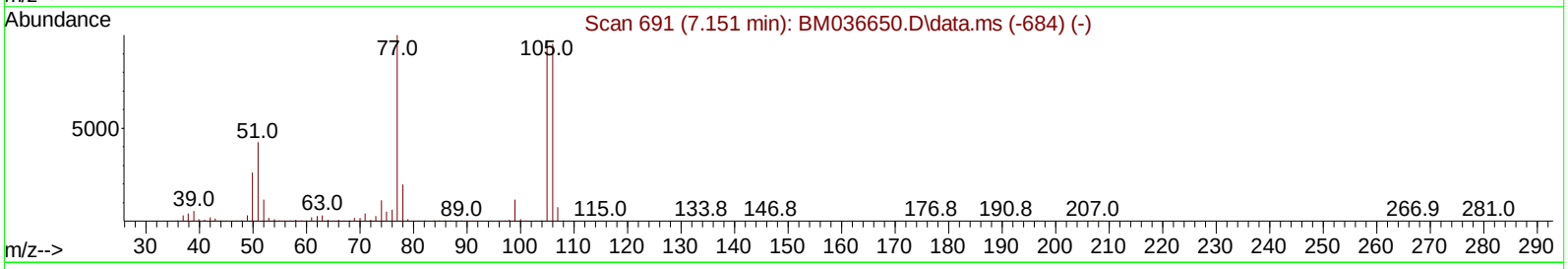
Instrument :
BNA_M
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

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







TIC: BM036667.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 25.52 ng/ul

response 483086

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.31
106.00	91.30	95.29
0.00	0.00	0.00

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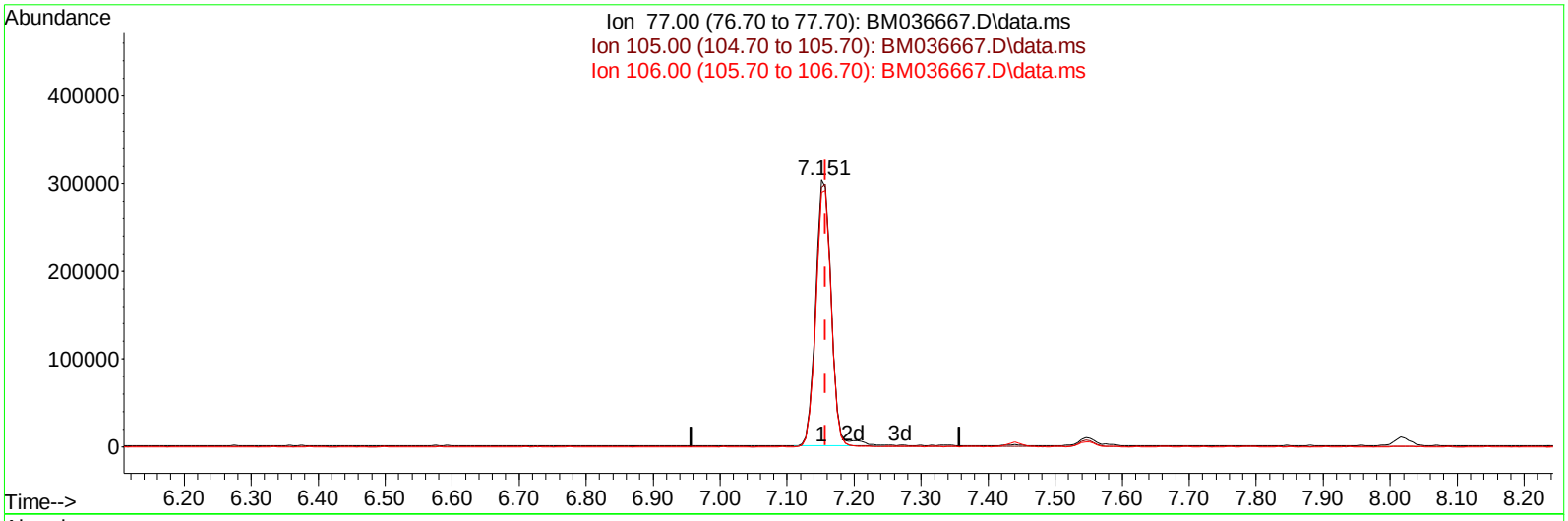

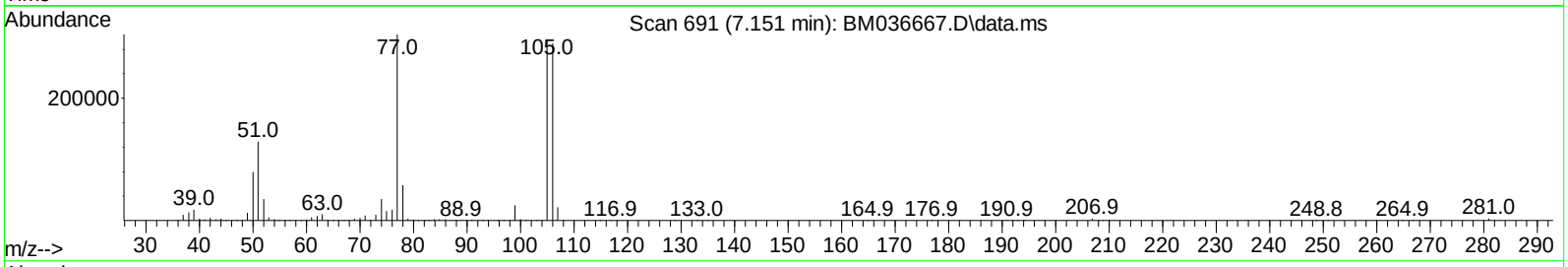

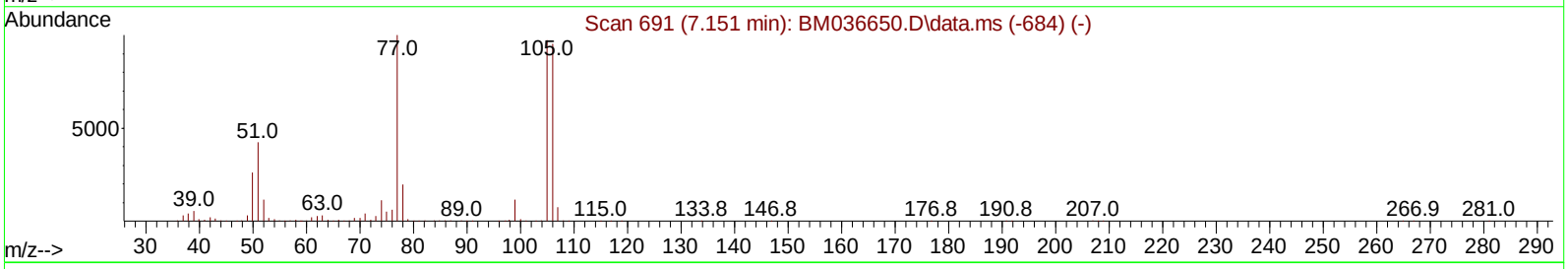

TIC: BM036667.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 26.02 ng/ul m

response 492689

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.31
106.00	91.30	95.29
0.00	0.00	0.00

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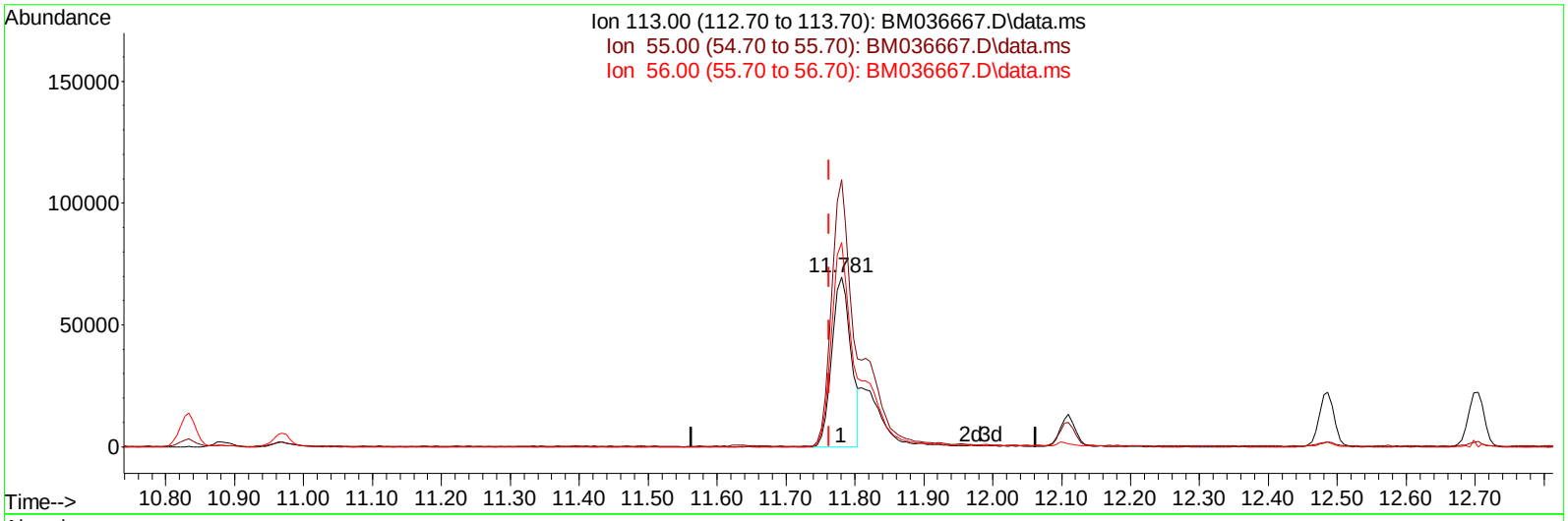

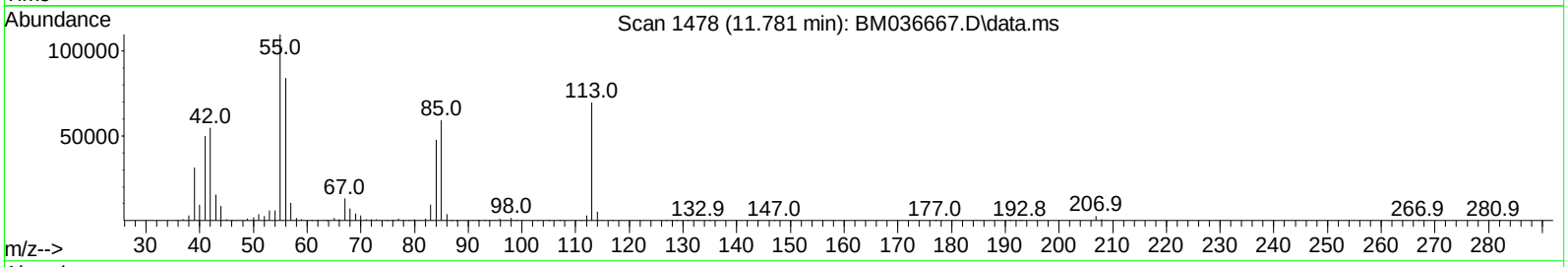

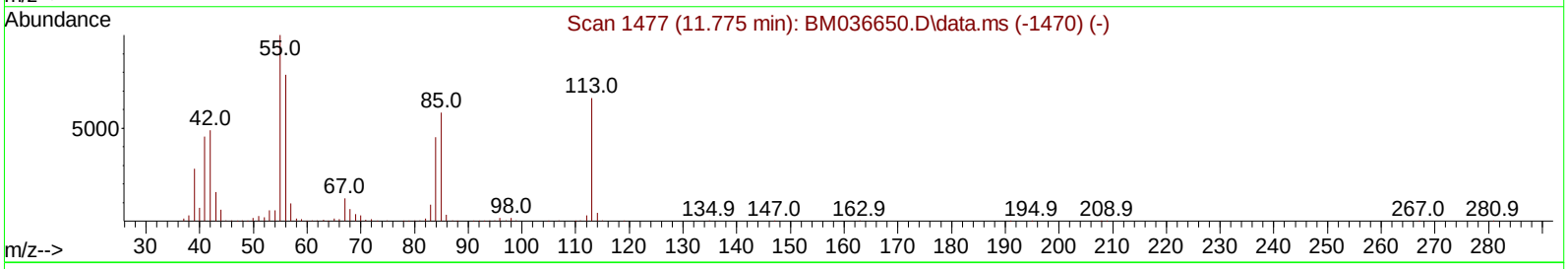

TIC: BM036667.D\data.ms

(34) Caprolactam

11.781min (+ 0.018) 14.56 ng/ul

response 134682

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	157.60
56.00	118.30	120.55
0.00	0.00	0.00

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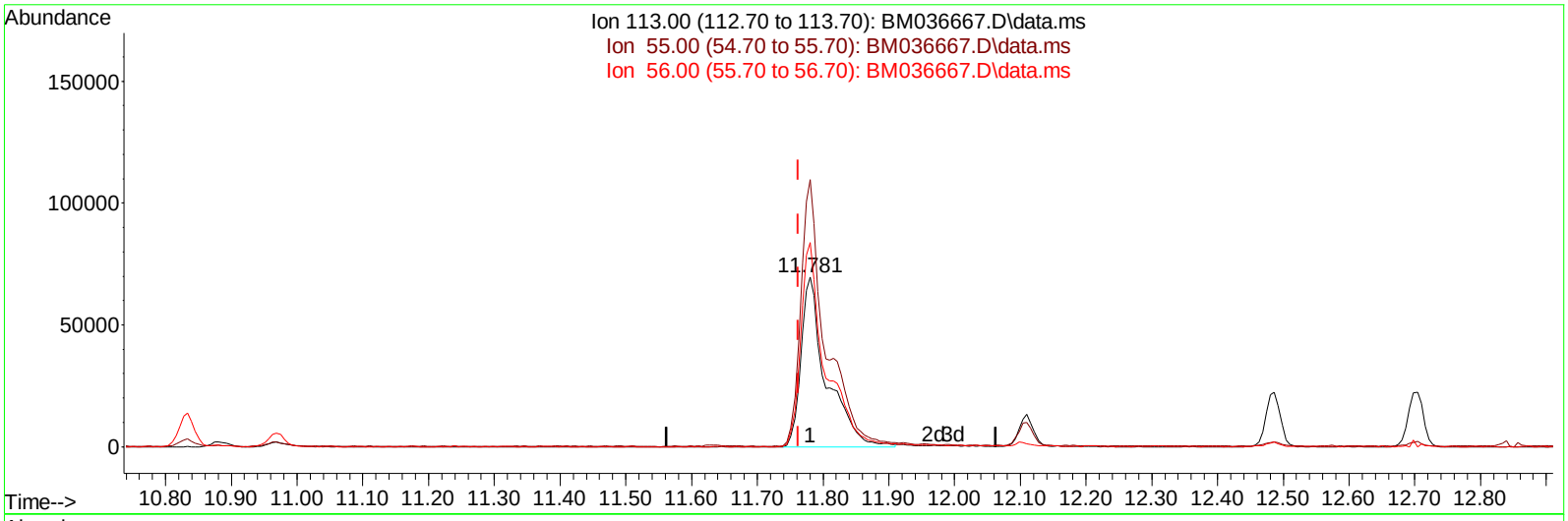

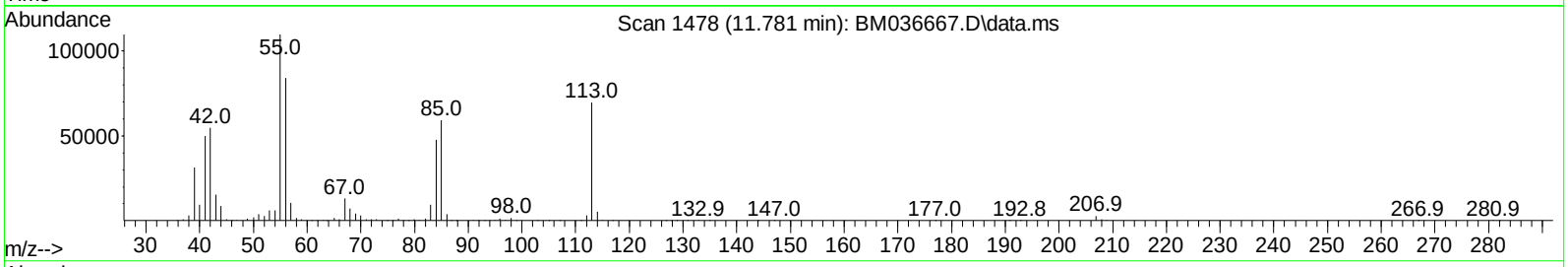

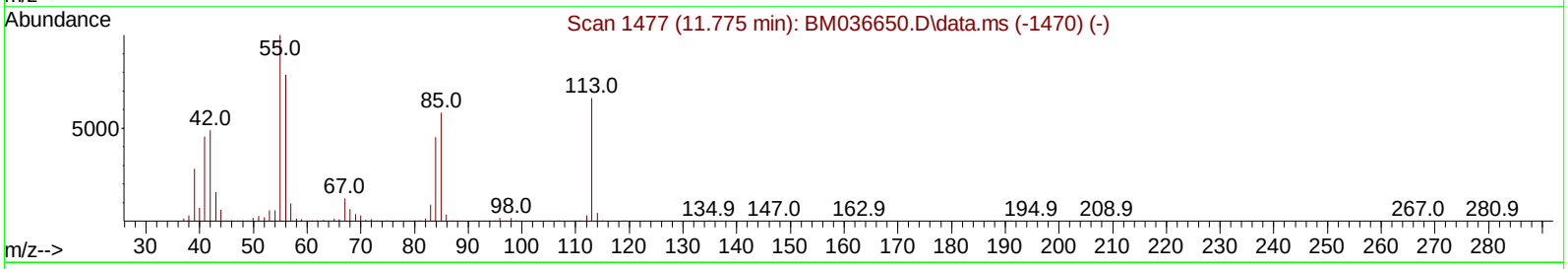

TIC: BM036667.D\data.ms

(34) Caprolactam

11.781min (+ 0.018) 20.22 ng/ul m

response 187025

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	157.60
56.00	118.30	120.55
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	437498	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	1930782	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1193536	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	2338901	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1851766	20.000	ng/ul	0.00
88) Perylene-d12	23.991	264	1555580	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	85847	7.356	ng/uL	0.00
4) Pyridine-d5	3.822	84	653032	19.186	ng/ul	0.00
7) Phenol-d5	7.175	99	791915	20.255	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	474155	19.970	ng/ul	0.00
11) 2-Chlorophenol-d4	7.545	132	603060	21.425	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	619896	21.458	ng/ul	0.00
21) Nitrobenzene-d5	9.187	128	304484	23.299	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	302821	25.869	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	594314	21.908	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	878856	19.485	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1635192	20.314	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	1960035	20.527	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	300562	19.251	ng/ul	0.00
60) Fluorene-d10	15.633	176	1443211	20.006	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	203718	22.015	ng/ul	0.00
73) Anthracene-d10	17.480	188	2155773	20.159	ng/ul	0.00
81) Pyrene-d10	19.762	212	2209400	24.253	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	1578672	20.772	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	92708	7.374	ng/uL	96
5) Pyridine	3.840	79	653508	19.111	ng/ul	95
6) Benzaldehyde	7.151	77	492689m	26.024	ng/ul	
8) Phenol	7.204	94	836160	19.927	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.440	93	661078	20.249	ng/ul	99
12) 2-Chlorophenol	7.581	128	657590	21.597	ng/ul	97
13) 2-Methylphenol	8.463	108	634004	20.556	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.551	45	774031	20.003	ng/ul	100
16) Acetophenone	8.851	105	1035466	20.665	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.840	70	518245	21.434	ng/ul	96
18) 4-Methylphenol	8.792	108	695093	20.841	ng/ul	99
19) Hexachloroethane	9.110	117	259415	21.034	ng/ul	95
22) Nitrobenzene	9.228	77	760743	21.925	ng/ul	99
23) Isophorone	9.763	82	1437554	20.320	ng/ul	99
25) 2-Nitrophenol	9.939	139	351589	24.318	ng/ul	99
26) 2,4-Dimethylphenol	10.004	107	753657	21.135	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.239	93	875471	20.762	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	614936	21.562	ng/ul	99
30) Naphthalene	10.881	128	2156087	20.499	ng/ul	99
32) 4-Chloroaniline	10.992	127	906932	19.476	ng/ul	100
33) Hexachlorobutadiene	11.169	225	350100	20.072	ng/ul	97
34) Caprolactam	11.781	113	187025m	20.216	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	666419	21.168	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	1427356	20.368	ng/ul	98
37) 1-Methylnaphthalene	12.704	142	1433820	20.352	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	697198	20.638	ng/ul	99
40) Hexachlorocyclopentadiene	12.827	237	311740	17.707	ng/ul	98
41) 2,4,6-Trichlorophenol	13.086	196	454705	21.983	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	494649	22.305	ng/ul	98
43) 1,1'-Biphenyl	13.486	154	1834575	20.852	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	1426527	20.662	ng/ul	99
45) 2-Nitroaniline	13.727	65	409052	24.072	ng/ul	98
47) Dimethylphthalate	14.104	163	1745997	20.448	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	330442	23.802	ng/ul	97
50) Acenaphthylene	14.369	152	2239063	20.511	ng/ul	99
51) 3-Nitroaniline	14.551	138	382476	22.971	ng/ul#	94
52) Acenaphthene	14.710	153	1562164	20.452	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	138838	22.539	ng/ul	97
55) 4-Nitrophenol	14.851	109	255540	19.146	ng/ul	97
56) Dibenzofuran	15.039	168	2088507	20.360	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	472880	23.430	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.263	232	397918	21.435	ng/ul#	94
59) Diethylphthalate	15.463	149	1726561	20.199	ng/ul	100
61) Fluorene	15.686	166	1758909	20.132	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.680	204	836167	20.012	ng/ul	98
63) 4-Nitroaniline	15.704	138	386083	23.866	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	225602	21.604	ng/ul	97
67) N-Nitrosodiphenylamine	15.892	169	1454204	21.110	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	459459	19.930	ng/ul	100
69) Hexachlorobenzene	16.686	284	525458	19.271	ng/ul	99
70) Atrazine	16.845	200	469187	19.301	ng/ul	99
71) Pentachlorophenol	17.027	266	306650	18.933	ng/ul	99
72) Phenanthrene	17.427	178	2639428	20.488	ng/ul	100
74) Anthracene	17.515	178	2666204	20.361	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	686633	21.464	ng/uL	99
76) Pentachlorobenzene	14.957	250	711333	20.559	ng/uL	99
77) Carbazole	17.780	167	2374625	19.587	ng/ul	99
78) Di-n-butylphthalate	18.351	149	2908700	21.167	ng/ul	100
80) Fluoranthene	19.427	202	2784096	24.939	ng/ul	100
82) Pyrene	19.792	202	2913885	24.659	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1170022	26.130	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.462	252	769383	21.264	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2428764	20.933	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	1755146	26.834	ng/ul	99
87) Chrysene	21.586	228	2268758	20.601	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	2657262	28.334	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	2137670	21.670	ng/ul	100
91) Benzo(k)fluoranthene	23.292	252	2084938	21.152	ng/ul	99
93) Benzo(a)pyrene	23.880	252	1800410	20.761	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.532	276	1941998	19.177	ng/ul	98
95) Dibenzo(a,h)anthracene	26.556	278	1764794	19.216	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	1666029	18.977	ng/ul	99

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

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