Quantitation Report (Qedit)

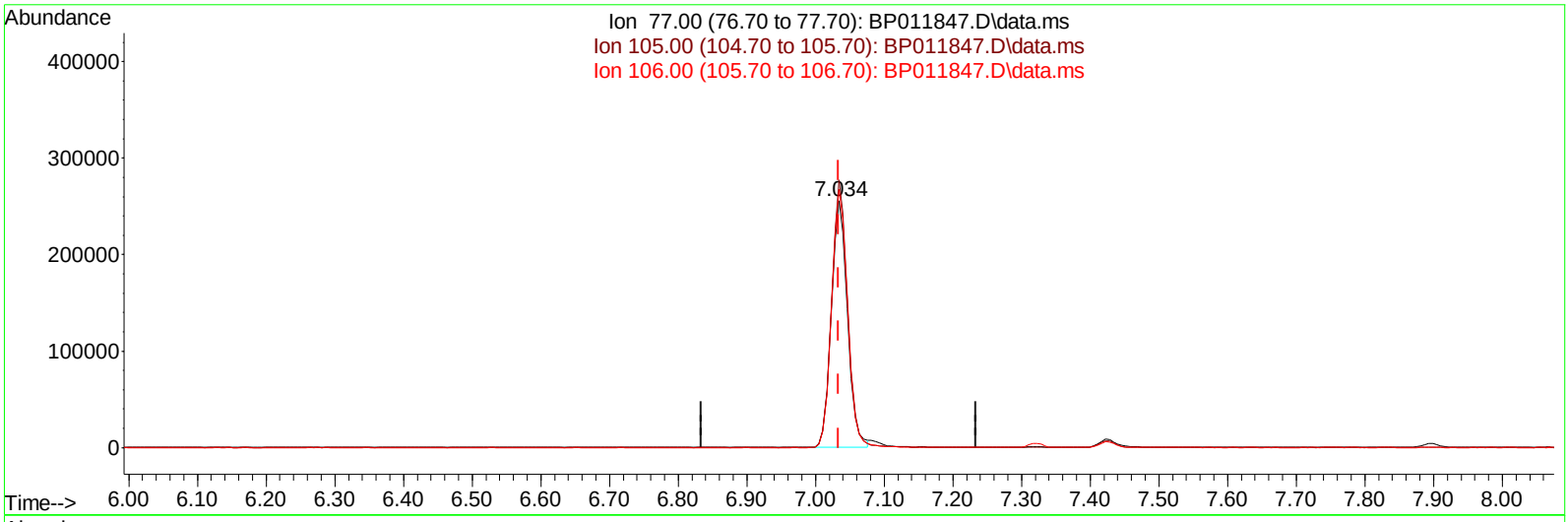
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093022\
Data File : BP011847.D
Acq On : 30 Sep 2022 18:46
Operator : CG/JU
Sample : SSTD04059
Misc :
ALS Vial : 5 Sample Multiplier: 1

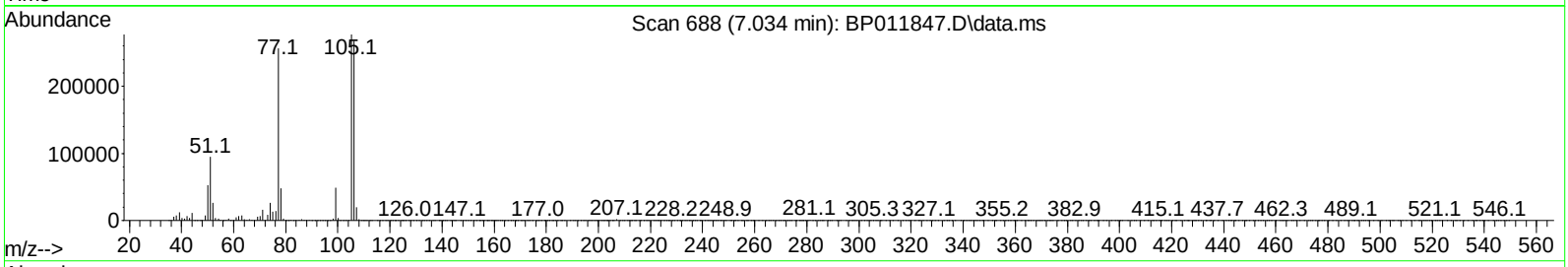
Quant Time: Oct 01 00:04:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 30 23:58:42 2022
Response via : Initial Calibration

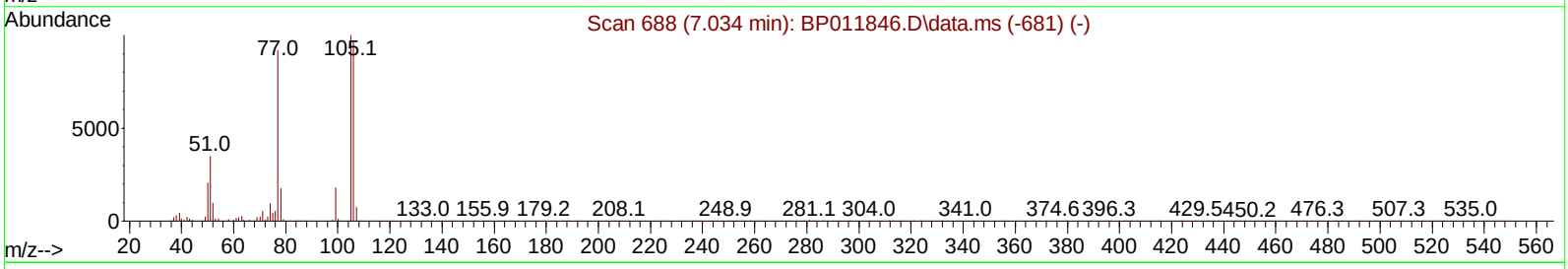
Instrument :
BNA_P
ClientSampleId :
SSTD040620

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/03/2022







TIC: BP011847.D\data.ms

(6) Benzaldehyde

7.034min (+ 0.000) 46.16 ng/ul

response 417228

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	108.80	108.20
106.00	104.70	104.52
0.00	0.00	0.00

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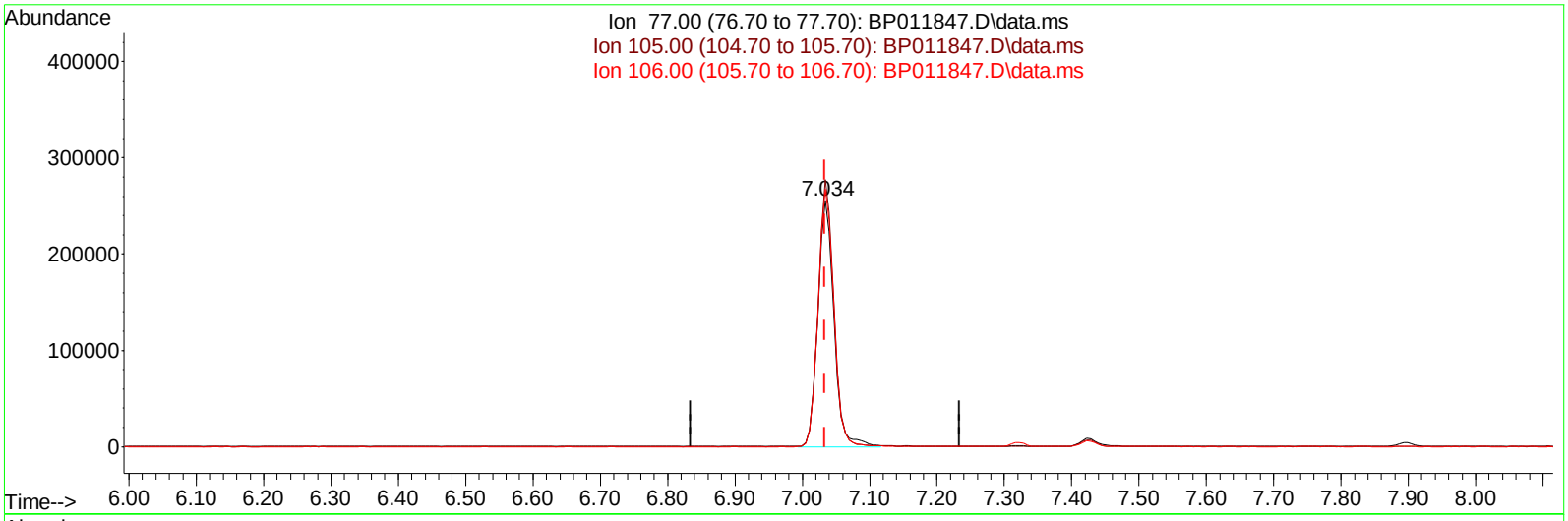

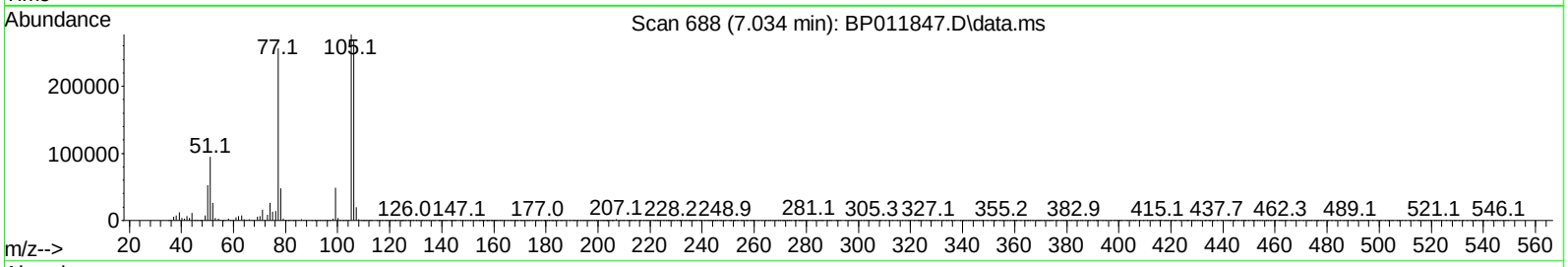

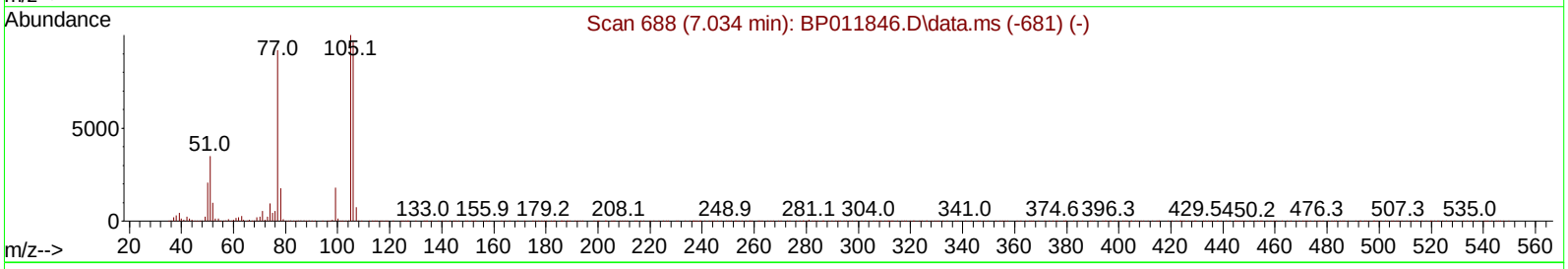

TIC: BP011847.D\data.ms

(6) Benzaldehyde

7.034min (+ 0.000) 47.33 ng/ul m

response 427771

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	108.80	108.20
106.00	104.70	104.52
0.00	0.00	0.00

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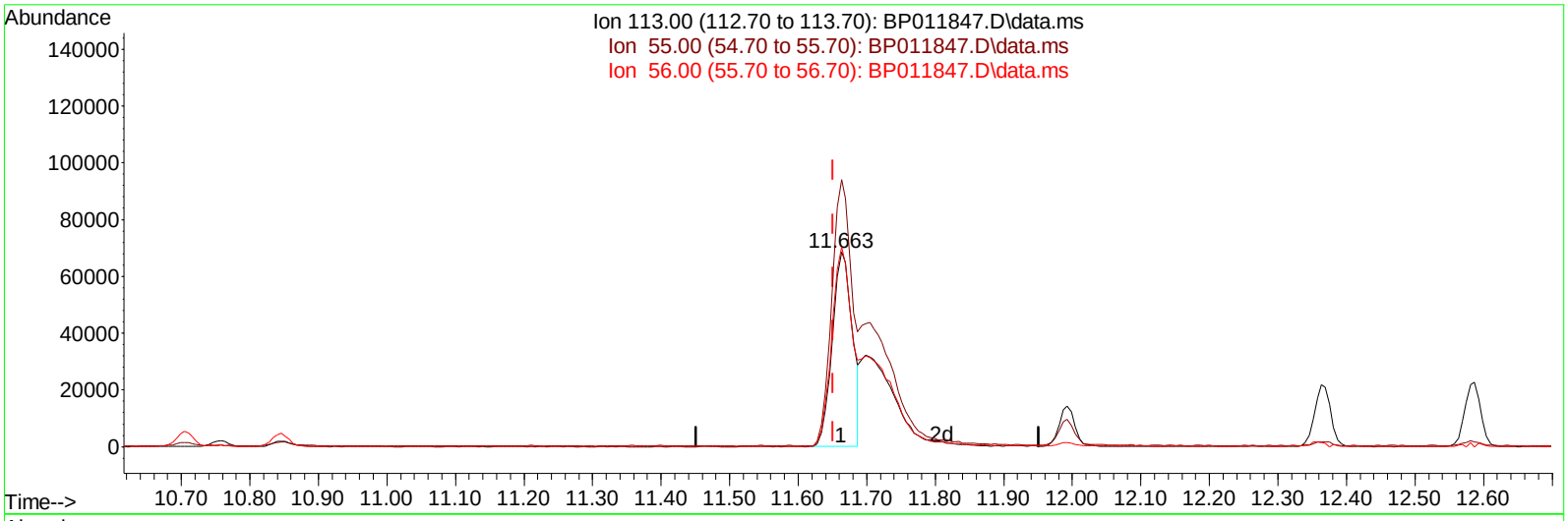

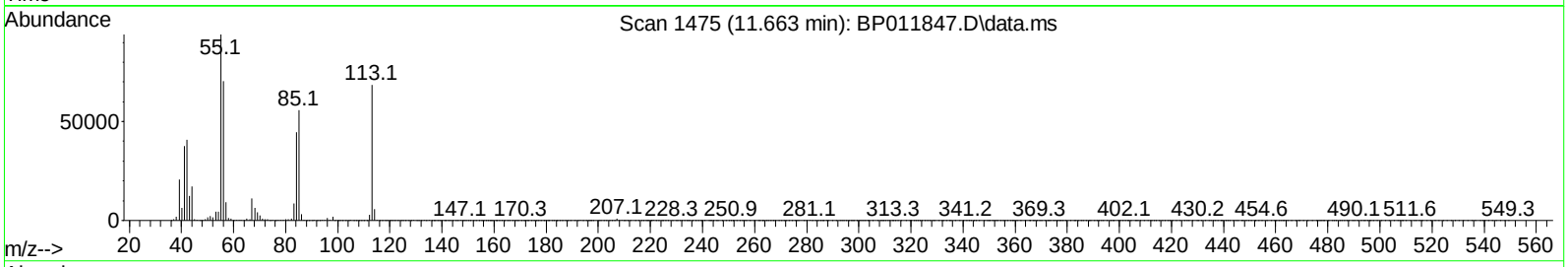

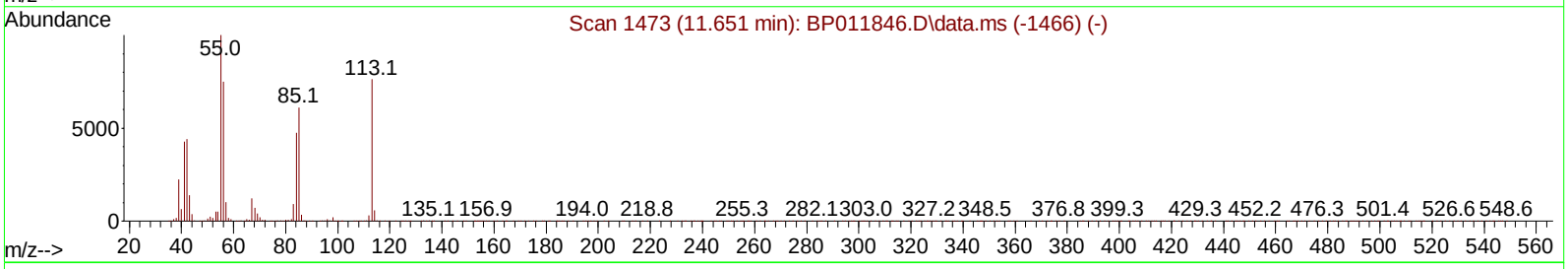

TIC: BP011847.D\data.ms

(34) Caprolactam

11.663min (+ 0.012) 29.57 ng/ul

response 139391

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.50	137.13
56.00	98.40	102.67
0.00	0.00	0.00

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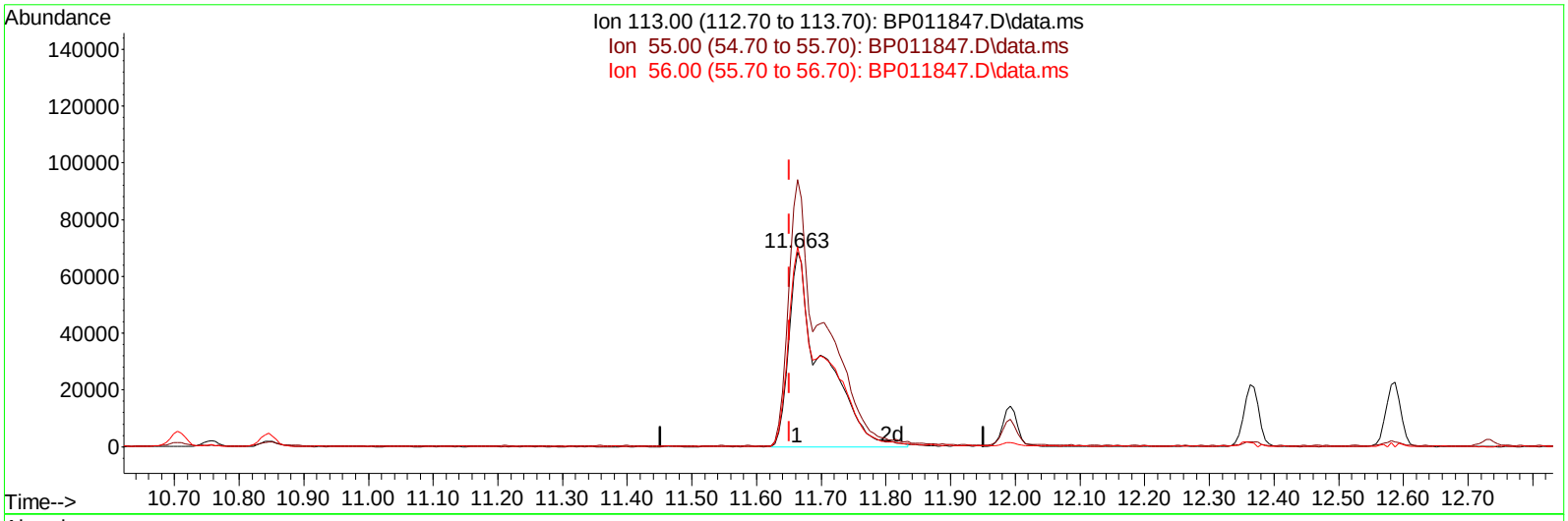

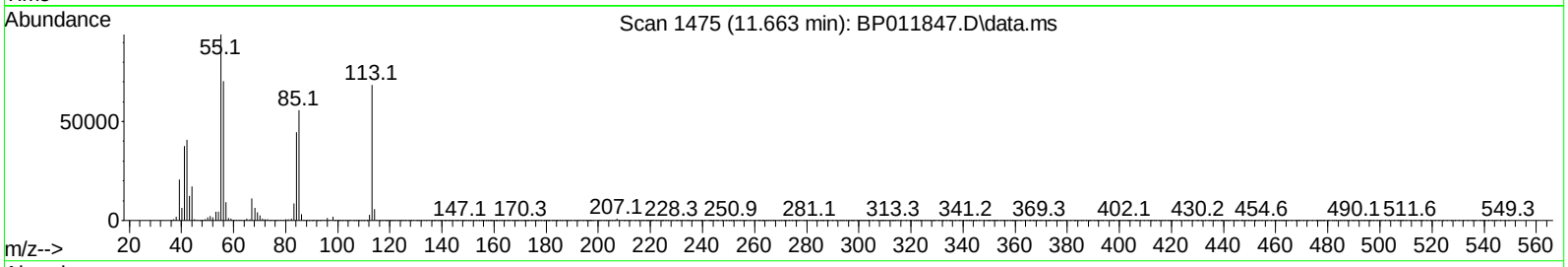

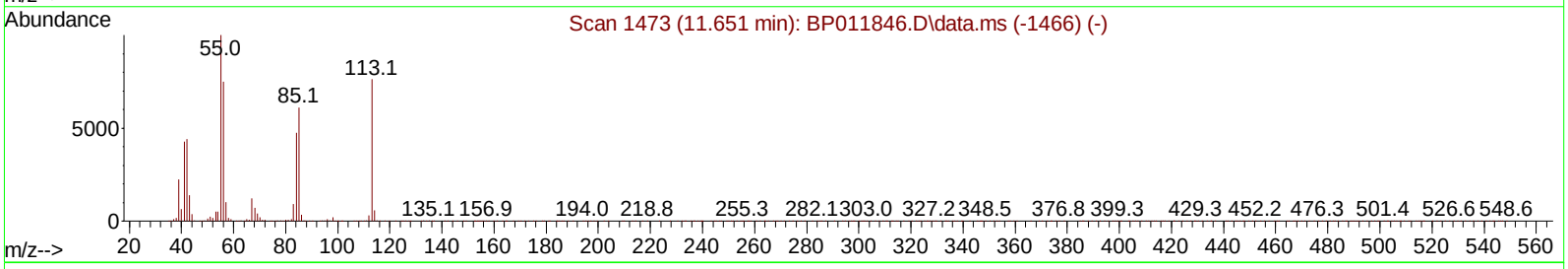

TIC: BP011847.D\data.ms

(34) Caprolactam

11.663min (+ 0.012) 52.89 ng/ul m

response 249289

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.50	137.13
56.00	98.40	102.67
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	7.893	152	239426	20.000	ng/ul	0.00
20) Naphthalene-d8	10.705	136	1108083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.540	164	713637	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	1530038	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1573571	20.000	ng/ul	0.00
88) Perylene-d12	23.822	264	1741566	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	89487	16.495	ng/uL	0.00
4) Pyridine-d5	3.728	84	669480	44.384	ng/ul	0.00
7) Phenol-d5	7.058	99	841480	42.466	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	470972	39.789	ng/ul	0.00
11) 2-Chlorophenol-d4	7.422	132	682754	45.121	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	699168	46.020	ng/ul	0.00
21) Nitrobenzene-d5	9.063	128	359380	49.764	ng/ul	0.00
24) 2-Nitrophenol-d4	9.787	143	398345	65.028	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	709732	45.259	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	1039574	43.422	ng/ul	0.00
46) Dimethylphthalate-d6	13.951	166	2096686	43.649	ng/ul	0.00
49) Acenaphthylene-d8	14.234	160	2441379	42.555	ng/ul	0.00
54) 4-Nitrophenol-d4	14.746	143	443642	52.468	ng/ul	0.00
60) Fluorene-d10	15.534	176	1809662	42.441	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	386649	68.277	ng/ul	0.00
73) Anthracene-d10	17.398	188	2859689	42.194	ng/ul	0.00
81) Pyrene-d10	19.633	212	3267647	40.639	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.669	264	3612303	42.697	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	93949	16.415	ng/uL	100
5) Pyridine	3.746	79	640984	43.024	ng/ul	100
6) Benzaldehyde	7.034	77	427771m	47.331	ng/ul	
8) Phenol	7.081	94	875814	43.291	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.316	93	701645	43.945	ng/ul	99
12) 2-Chlorophenol	7.458	128	729428	45.519	ng/ul	99
13) 2-Methylphenol	8.340	108	689770	44.786	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	690745	33.632	ng/ul	100
16) Acetophenone	8.728	105	1083034	44.475	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.716	70	506327	44.651	ng/ul	99
18) 4-Methylphenol	8.675	108	765723	46.428	ng/ul	97
19) Hexachloroethane	8.981	117	269522	42.548	ng/ul	99
22) Nitrobenzene	9.105	77	757950	44.452	ng/ul	100
23) Isophorone	9.640	82	1531095	44.319	ng/ul	99
25) 2-Nitrophenol	9.816	139	443231	59.970	ng/ul	99
26) 2,4-Dimethylphenol	9.881	107	805504	43.235	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.116	93	967006	43.193	ng/ul	99
29) 2,4-Dichlorophenol	10.352	162	728677	45.434	ng/ul	98
30) Naphthalene	10.757	128	2412921	42.319	ng/ul	100
32) 4-Chloroaniline	10.869	127	1064382	43.514	ng/ul	98
33) Hexachlorobutadiene	11.040	225	417487	39.087	ng/ul	98
34) Caprolactam	11.663	113	249289m	52.889	ng/ul	
35) 4-Chloro-3-methylphenol	11.993	107	772857	48.472	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	12.363	142	1679927	43.974	ng/ul	99
37) 1-Methylnaphthalene	12.587	142	1678494	43.835	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.734	216	864824	39.810	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	495681	38.376	ng/ul	100
41) 2,4,6-Trichlorophenol	12.975	196	593690	48.324	ng/ul	99
42) 2,4,5-Trichlorophenol	13.046	196	651371	48.273	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	2169327	40.329	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	1729419	41.985	ng/ul	99
45) 2-Nitroaniline	13.628	65	452123	52.987	ng/ul	96
47) Dimethylphthalate	14.004	163	2196612	44.677	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	464703	58.981	ng/ul	99
50) Acenaphthylene	14.263	152	2682159	40.954	ng/ul	99
51) 3-Nitroaniline	14.451	138	517424	54.896	ng/ul	95
52) Acenaphthene	14.604	153	1872451	43.720	ng/ul	100
53) 2,4-Dinitrophenol	14.651	184	298173	86.438	ng/ul	98
55) 4-Nitrophenol	14.757	109	297141	46.216	ng/ul	96
56) Dibenzofuran	14.940	168	2556192	42.076	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	667063	60.800	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.169	232	556989	54.816	ng/ul	99
59) Diethylphthalate	15.369	149	2205254	46.060	ng/ul	99
61) Fluorene	15.593	166	2079005	42.337	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.587	204	1040699	41.815	ng/ul	100
63) 4-Nitroaniline	15.616	138	525084	59.028	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.669	198	409284	66.726	ng/ul	98
67) N-Nitrosodiphenylamine	15.804	169	1841239	42.093	ng/ul	99
68) 4-Bromophenyl-phenylether	16.487	248	642968	40.742	ng/ul	99
69) Hexachlorobenzene	16.598	284	726372	38.794	ng/ul	99
70) Atrazine	16.763	200	674728	42.507	ng/ul	99
71) Pentachlorophenol	16.945	266	479261	47.898	ng/ul	99
72) Phenanthrene	17.345	178	3425122	42.850	ng/ul	99
74) Anthracene	17.434	178	3454150	43.161	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.340	216	873306	37.155	ng/uL	98
76) Pentachlorobenzene	14.857	250	922425	41.558	ng/uL	99
77) Carbazole	17.704	167	3229146	45.787	ng/ul	99
78) Di-n-butylphthalate	18.251	149	3903168	48.758	ng/ul	100
80) Fluoranthene	19.310	202	4005398	41.473	ng/ul	98
82) Pyrene	19.663	202	4143974	41.594	ng/ul	97
83) Butylbenzylphthalate	20.533	149	1855798	57.451	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.304	252	1559814	56.982	ng/ul	100
85) Benzo(a)anthracene	21.369	228	4213607	44.240	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.286	149	2779065	53.930	ng/ul	98
87) Chrysene	21.428	228	3924365	42.669	ng/ul	100
89) Di-n-octyl phthalate	22.227	149	4917299	51.388	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	4643786	42.676	ng/ul	99
91) Benzo(k)fluoranthene	23.127	252	4352705	41.787	ng/ul	99
93) Benzo(a)pyrene	23.716	252	4136819	39.219	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.368	276	5235558	43.006	ng/ul	99
95) Dibenzo(a,h)anthracene	26.392	278	4655665	44.357	ng/ul	100
96) Benzo(g,h,i)perylene	27.157	276	4643372	45.723	ng/ul	99

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

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