Quantitation Report (Qedit)

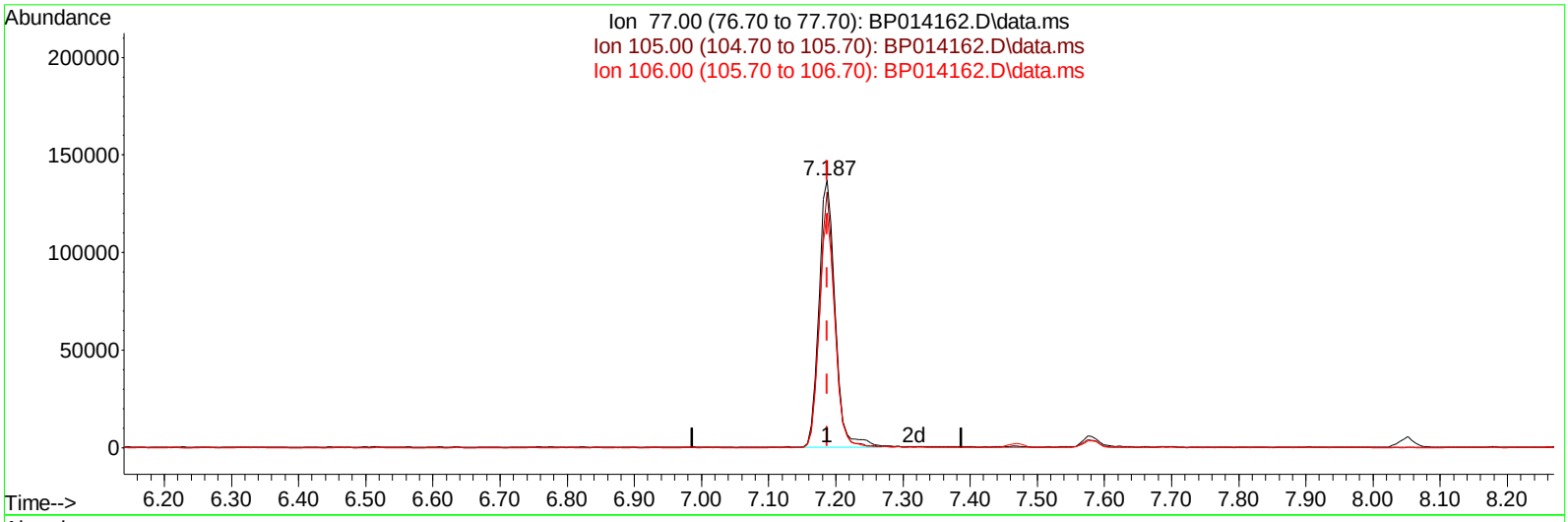
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032023\
Data File : BP014162.D
Acq On : 21 Mar 2023 03:35
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

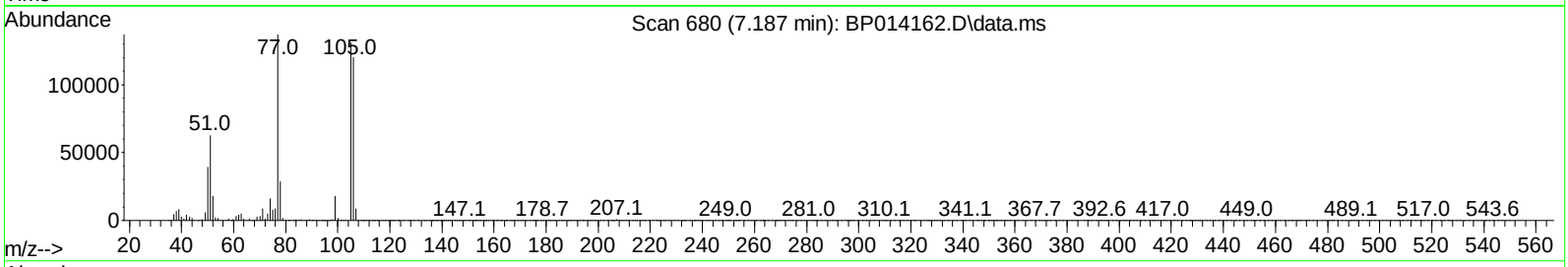
Quant Time: Mar 21 04:47:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 21 04:47:07 2023
Response via : Initial Calibration

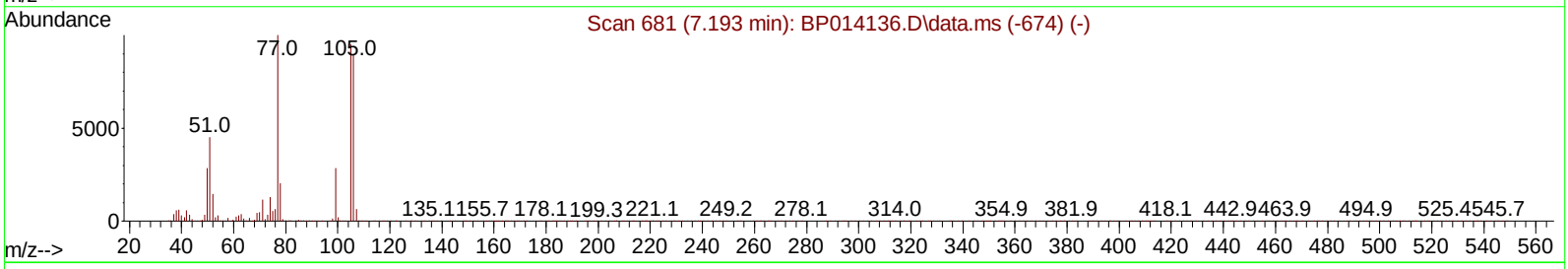
Instrument :
BNA_P
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/21/2023
Supervised By :Jagrut Upadhyay 03/21/2023







TIC: BP014162.D\data.ms

(6) Benzaldehyde

7.187min (0.000) 26.31 ng/ul

response 230450

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	95.55
106.00	87.30	87.91
0.00	0.00	0.00

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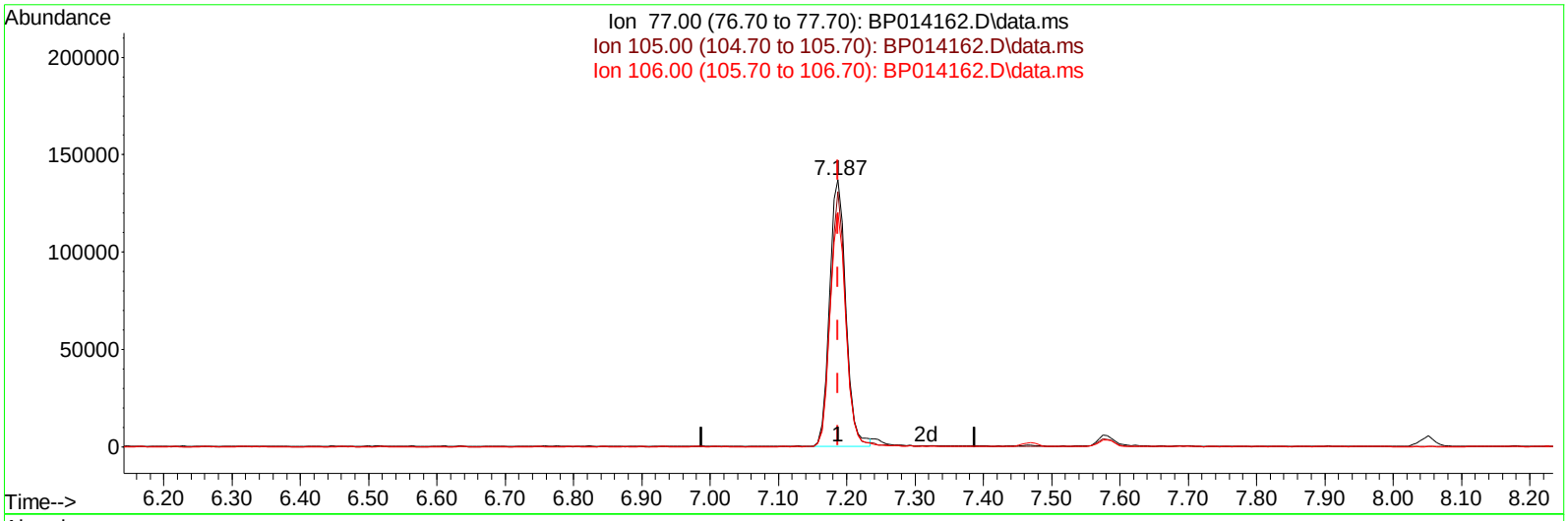

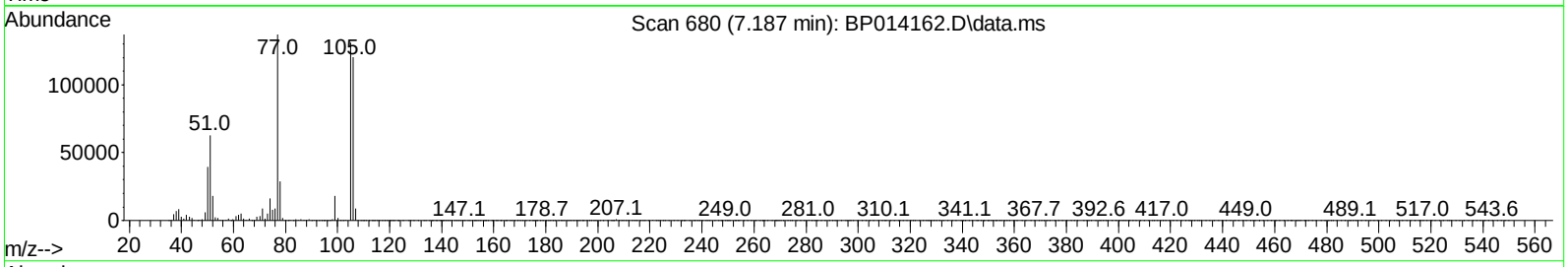

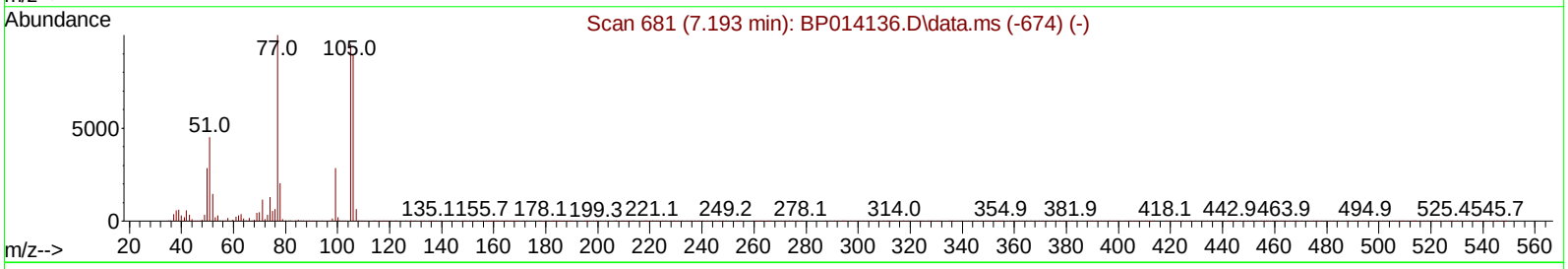

TIC: BP014162.D\data.ms

(6) Benzaldehyde

7.187min (0.000) 25.89 ng/ul m

response 226758

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	95.55
106.00	87.30	87.91
0.00	0.00	0.00

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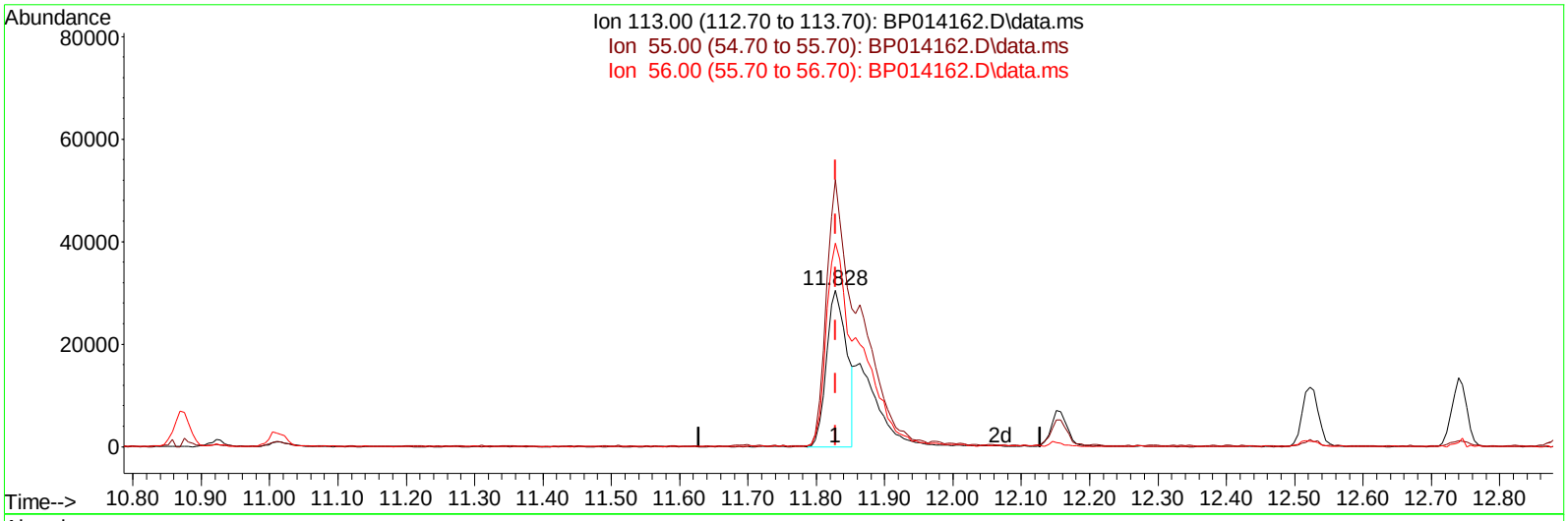

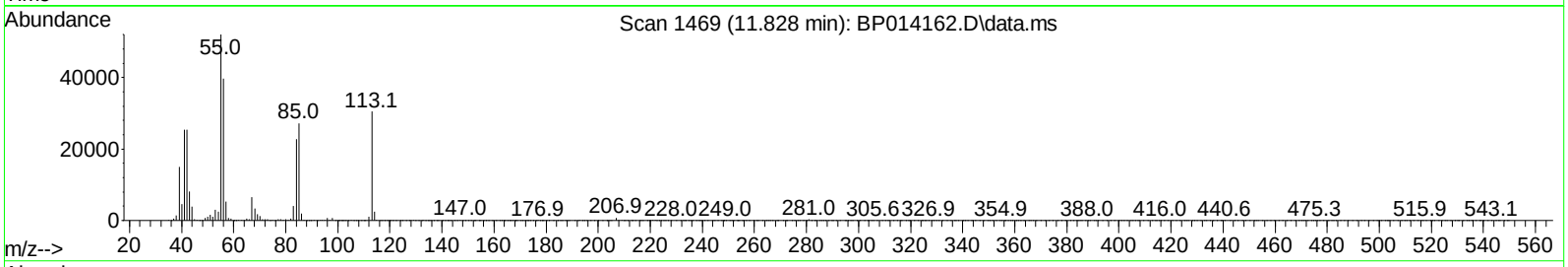

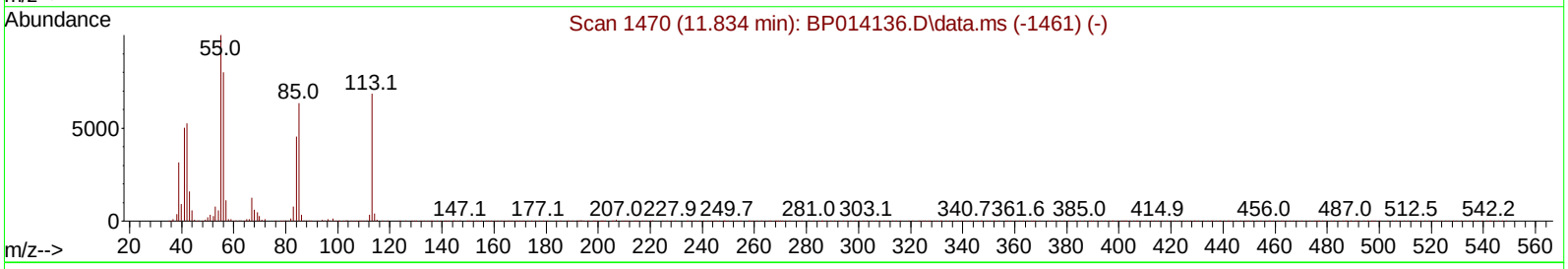

TIC: BP014162.D\data.ms

(34) Caprolactam

11.828min (0.000) 12.29 ng/ul

response 62345

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	170.61
56.00	127.50	130.07
0.00	0.00	0.00

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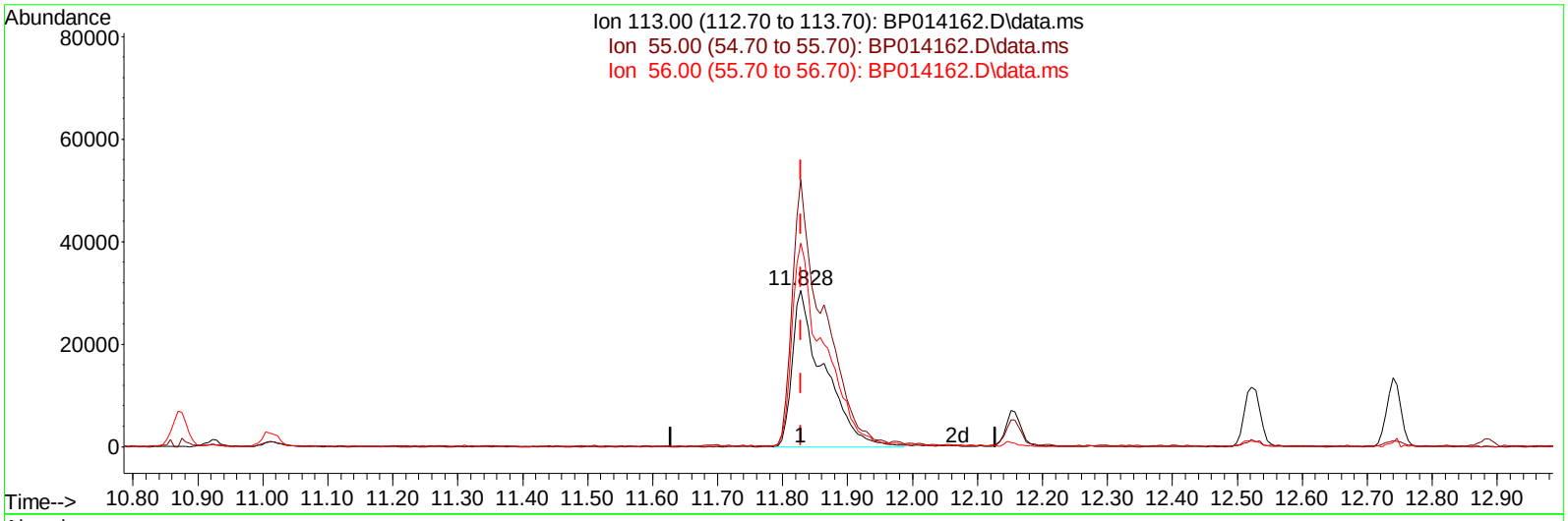

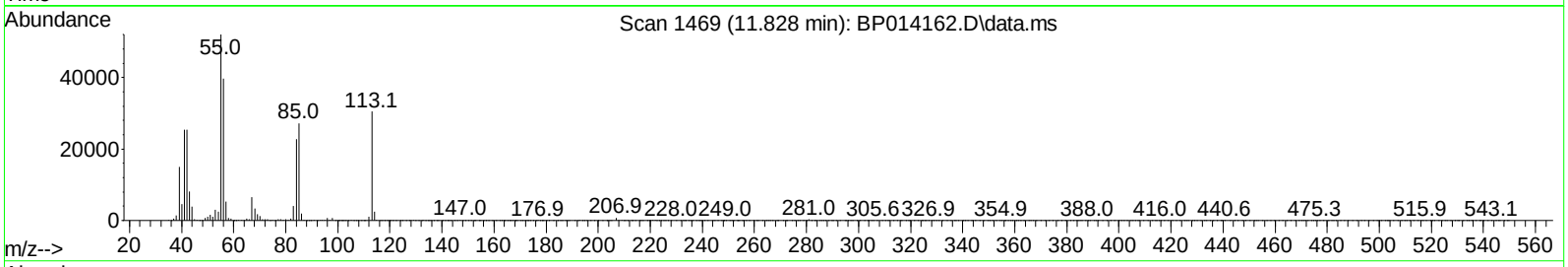

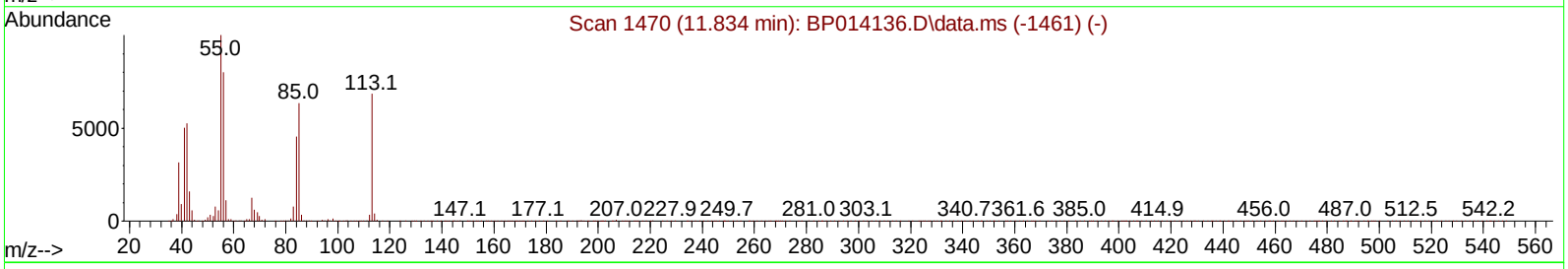

TIC: BP014162.D\data.ms

(34) Caprolactam

11.828min (0.000) 20.20 ng/ul m

response 102443

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	170.61
56.00	127.50	130.07
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	8.052	152	199457	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	881210	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.693	164	634774	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.445	188	1480142	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.528	240	1429009	20.000	ng/ul	# 0.00
88) Perylene-d12	24.045	264	1310093	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.411	96	38868	7.363	ng/uL	0.00
4) Pyridine-d5	3.846	84	278552	19.057	ng/ul	0.00
7) Phenol-d5	7.211	99	370509	21.050	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	225097	21.928	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	280068	20.885	ng/ul	0.00
15) 4-Methylphenol-d8	8.763	113	308542	21.460	ng/ul	0.00
21) Nitrobenzene-d5	9.222	128	146838	20.884	ng/ul	0.00
24) 2-Nitrophenol-d4	9.952	143	170377	20.243	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	319347	20.165	ng/ul	0.00
31) 4-Chloroaniline-d4	11.010	131	409225	19.526	ng/ul	0.00
46) Dimethylphthalate-d6	14.099	166	1052097	19.530	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	1163462	20.387	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	176677	18.610	ng/ul	0.00
60) Fluorene-d10	15.681	176	892733	19.553	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.804	200	211885	18.940	ng/ul	0.00
73) Anthracene-d10	17.545	188	1429926	19.900	ng/ul	0.00
81) Pyrene-d10	19.769	212	1729297	21.941	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1403240	20.136	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.452	88	43495	7.632	ng/uL	92
5) Pyridine	3.870	79	283144	19.102	ng/ul	97
6) Benzaldehyde	7.187	77	226758m	25.891	ng/ul	
8) Phenol	7.240	94	384904	21.205	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.469	93	295668	21.261	ng/ul	95
12) 2-Chlorophenol	7.611	128	283104	20.953	ng/ul	94
13) 2-Methylphenol	8.499	108	284746	21.096	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.581	45	377071	25.108	ng/ul	98
16) Acetophenone	8.881	105	503600	21.682	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.863	70	275886	23.218	ng/ul	98
18) 4-Methylphenol	8.828	108	322071	21.694	ng/ul	97
19) Hexachloroethane	9.134	117	130145	21.993	ng/ul	93
22) Nitrobenzene	9.269	77	403631	21.460	ng/ul	98
23) Isophorone	9.799	82	762561	21.053	ng/ul	98
25) 2-Nitrophenol	9.981	139	176142	20.306	ng/ul	95
26) 2,4-Dimethylphenol	10.040	107	388048	20.438	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.275	93	455545	21.743	ng/ul	99
29) 2,4-Dichlorophenol	10.522	162	310802	19.895	ng/ul	96
30) Naphthalene	10.922	128	970177	20.049	ng/ul	99
32) 4-Chloroaniline	11.040	127	413711	19.617	ng/ul	98
33) Hexachlorobutadiene	11.199	225	230902	18.575	ng/ul	98
34) Caprolactam	11.828	113	102443m	20.196	ng/ul	
35) 4-Chloro-3-methylphenol	12.157	107	372795	20.637	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	12.522	142	686548	20.228	ng/ul	98
37) 1-Methylnaphthalene	12.740	142	684284	20.059	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	432939	18.861	ng/ul	97
40) Hexachlorocyclopentadiene	12.863	237	249168	15.159	ng/ul	99
41) 2,4,6-Trichlorophenol	13.128	196	284721	19.745	ng/ul	98
42) 2,4,5-Trichlorophenol	13.204	196	313343	19.801	ng/ul	100
43) 1,1'-Biphenyl	13.522	154	999998	20.462	ng/ul#	98
44) 2-Chloronaphthalene	13.569	162	791112	20.382	ng/ul	98
45) 2-Nitroaniline	13.781	65	264495	23.040	ng/ul	93
47) Dimethylphthalate	14.146	163	1032413	19.361	ng/ul	98
48) 2,6-Dinitrotoluene	14.269	165	217961	20.675	ng/ul	96
50) Acenaphthylene	14.416	152	1239625	20.698	ng/ul	100
51) 3-Nitroaniline	14.604	138	202898	21.737	ng/ul	94
52) Acenaphthene	14.757	153	846869	20.227	ng/ul	99
53) 2,4-Dinitrophenol	14.810	184	131350	16.684	ng/ul	95
55) 4-Nitrophenol	14.910	109	169149	16.495	ng/ul	84
56) Dibenzofuran	15.087	168	1213927	19.930	ng/ul	100
57) 2,4-Dinitrotoluene	15.057	165	322794	20.494	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.316	232	287225	18.972	ng/ul	99
59) Diethylphthalate	15.498	149	1062997	19.655	ng/ul	99
61) Fluorene	15.740	166	1003419	19.874	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.728	204	536789	19.262	ng/ul	99
63) 4-Nitroaniline	15.769	138	210389	21.927	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.822	198	201661	18.895	ng/ul	99
67) N-Nitrosodiphenylamine	15.945	169	859427	20.559	ng/ul	99
68) 4-Bromophenyl-phenylether	16.628	248	345273	19.296	ng/ul	98
69) Hexachlorobenzene	16.745	284	393359	18.655	ng/ul	97
70) Atrazine	16.898	200	350707	19.451	ng/ul	98
71) Pentachlorophenol	17.092	266	234289	16.999	ng/ul	96
72) Phenanthrene	17.492	178	1614137	19.994	ng/ul	100
74) Anthracene	17.581	178	1654952	20.218	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.493	216	457458	20.138	ng/uL	98
76) Pentachlorobenzene	15.010	250	461901	19.575	ng/uL	99
77) Carbazole	17.851	167	1484280	20.557	ng/ul	100
78) Di-n-butylphthalate	18.381	149	1947517	21.583	ng/ul	99
80) Fluoranthene	19.445	202	2007963	22.352	ng/ul#	96
82) Pyrene	19.798	202	2091513	22.318	ng/ul	97
83) Butylbenzylphthalate	20.651	149	916608	24.258	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.433	252	688414	18.818	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2039754	20.294	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.404	149	1355133	23.988	ng/ul	100
87) Chrysene	21.569	228	1900176	19.837	ng/ul	99
89) Di-n-octyl phthalate	22.363	149	2298811	27.809	ng/ul	100
90) Benzo(b)fluoranthene	23.269	252	1801913	20.641	ng/ul#	98
91) Benzo(k)fluoranthene	23.322	252	1805263	21.687	ng/ul#	98
93) Benzo(a)pyrene	23.933	252	1528814	20.134	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.692	276	1740821	17.319	ng/ul	97
95) Dibenzo(a,h)anthracene	26.710	278	1460957	17.487	ng/ul	99
96) Benzo(g,h,i)perylene	27.515	276	1378484	17.158	ng/ul	99

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

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