Quantitation Report (Qedit)

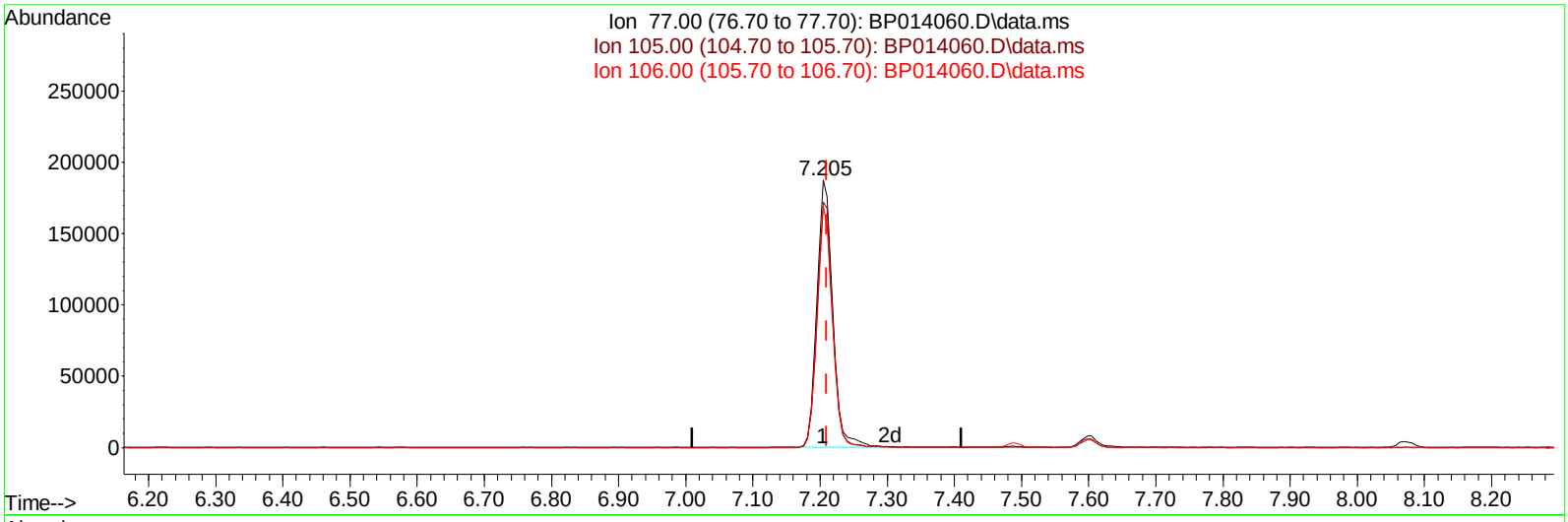
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031023\
Data File : BP014060.D
Acq On : 11 Mar 2023 09:13
Operator : CG/JU
Sample : PB151314BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

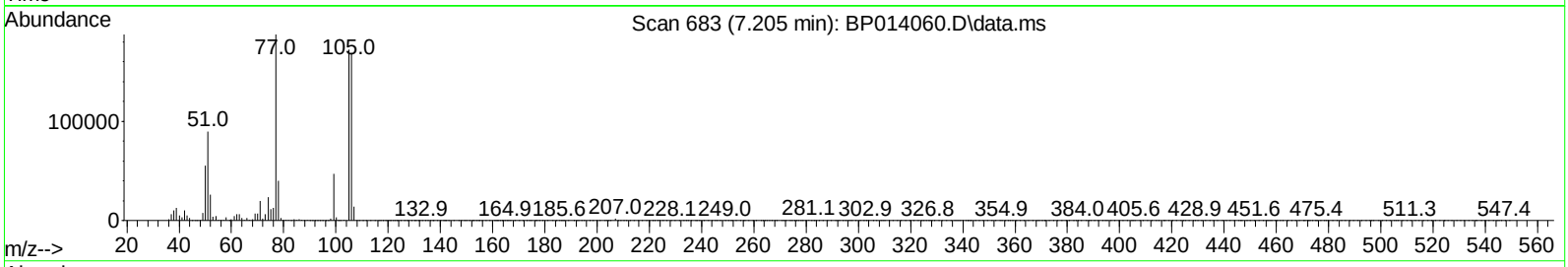
Quant Time: Mar 13 00:50:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 22:47:08 2023
Response via : Initial Calibration

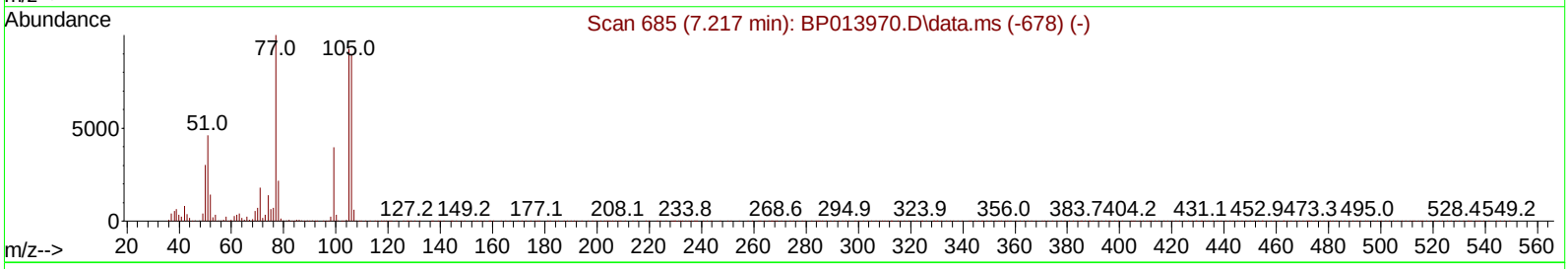
Instrument :
BNA_P
ClientSampleId :
SLCS314

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023







TIC: BP014060.D\data.ms

(6) Benzaldehyde

7.205min (-0.006) 40.07 ng/ul

response 306828

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	91.94
106.00	87.30	90.23
0.00	0.00	0.00

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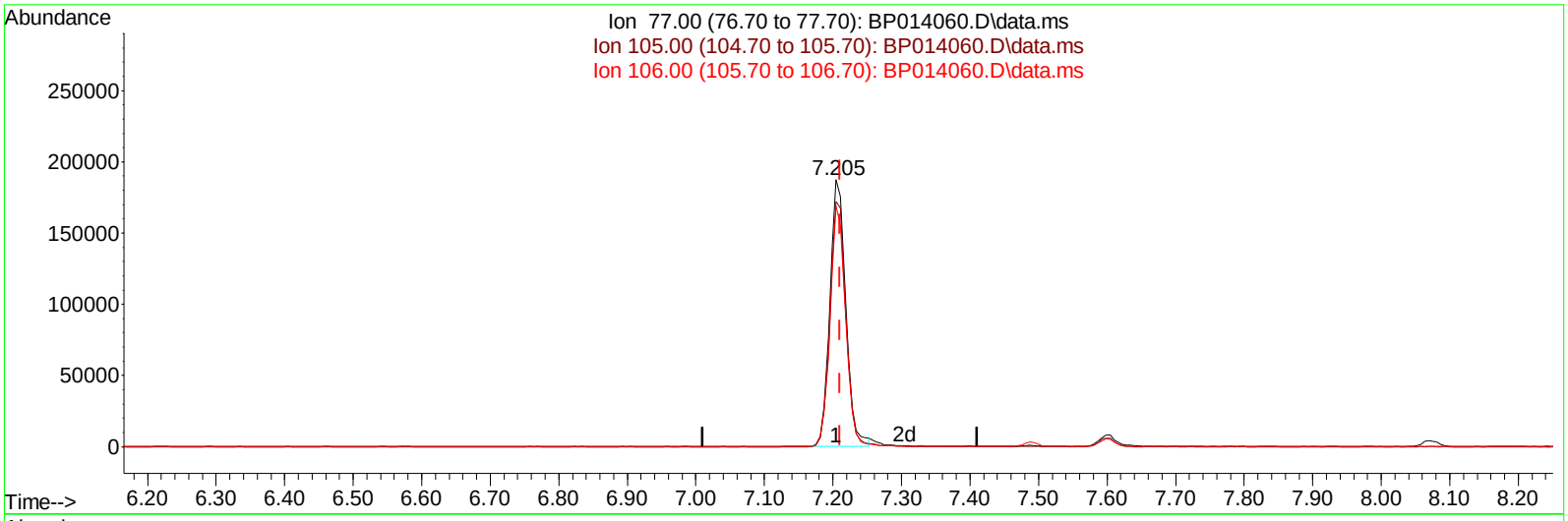

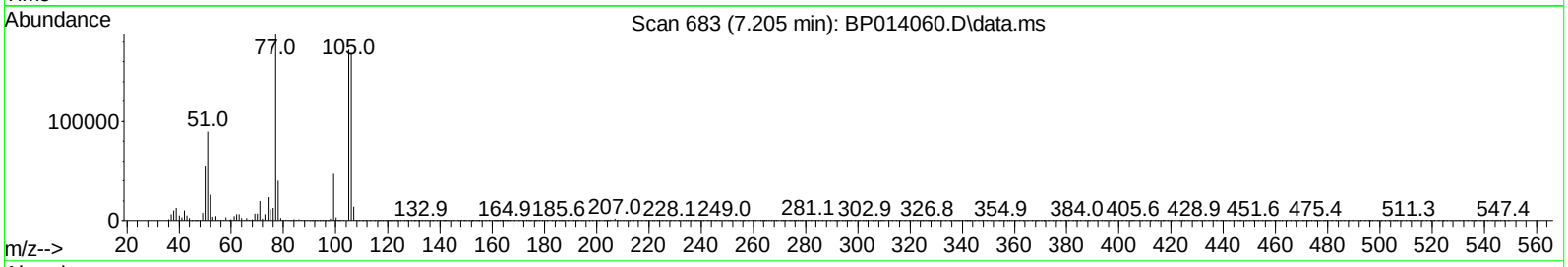

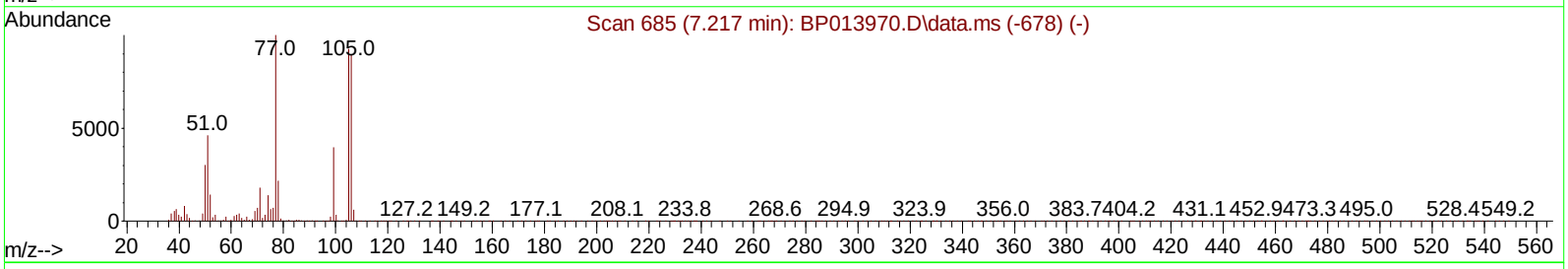

TIC: BP014060.D\data.ms

(6) Benzaldehyde

7.205min (-0.006) 39.58 ng/ul m

response 303091

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	92.70	91.94
106.00	87.30	90.23
0.00	0.00	0.00

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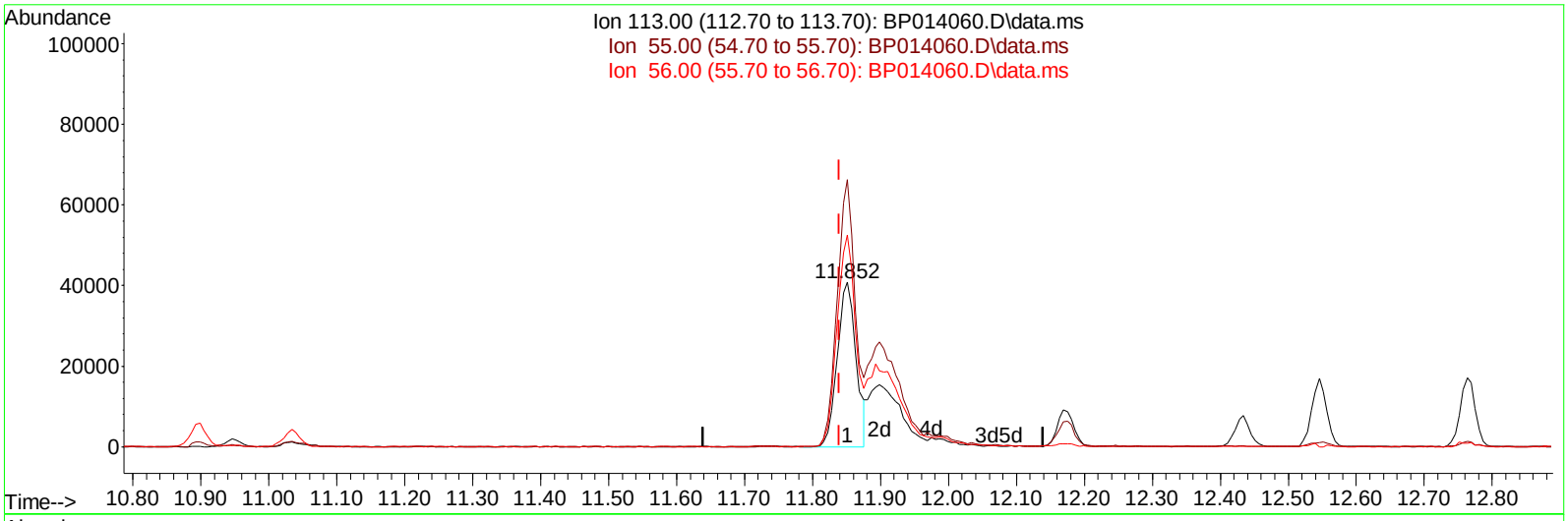

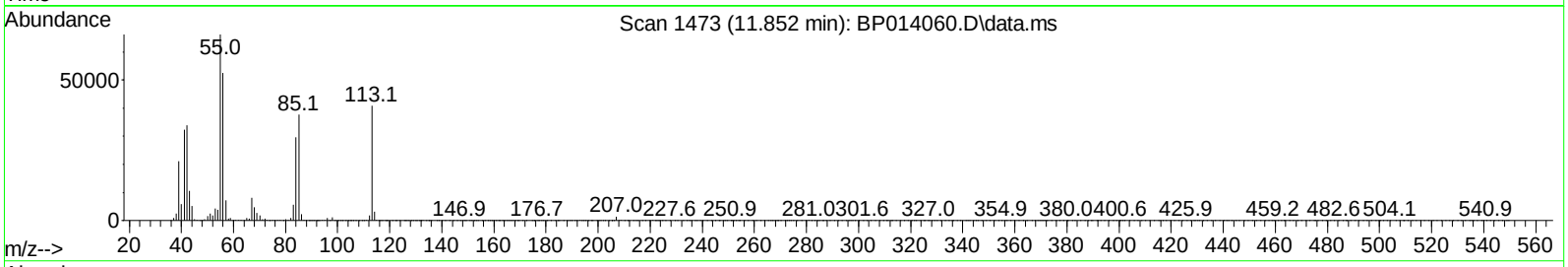

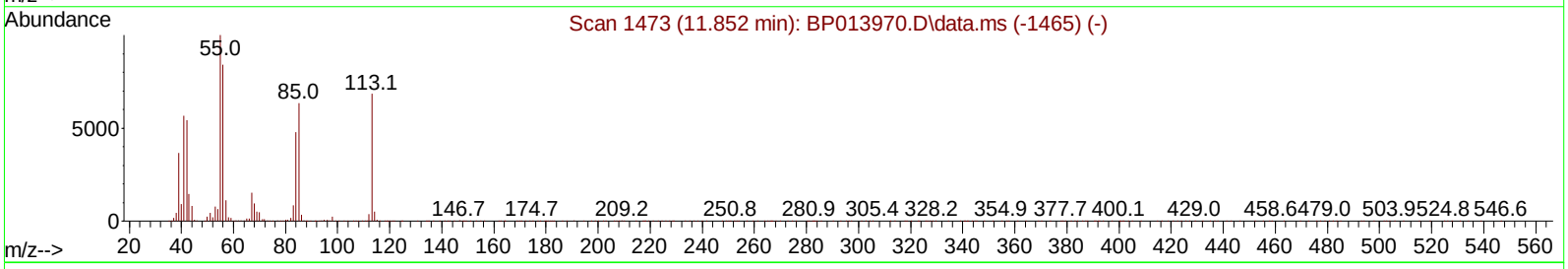

TIC: BP014060.D\data.ms

(34) Caprolactam

11.852min (+ 0.012) 18.83 ng/ul

response 78172

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	162.47
56.00	127.50	129.10
0.00	0.00	0.00

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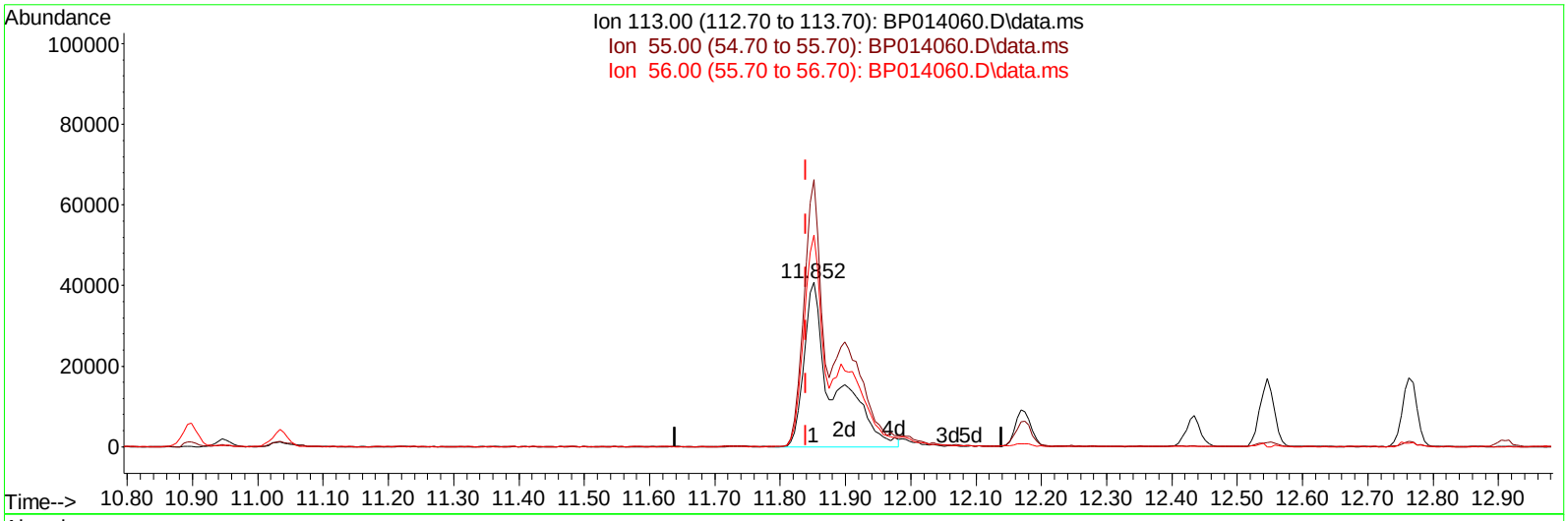

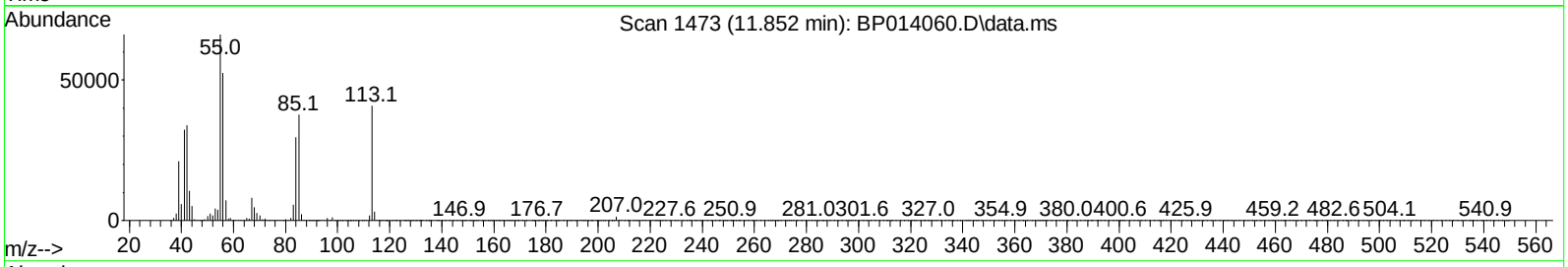

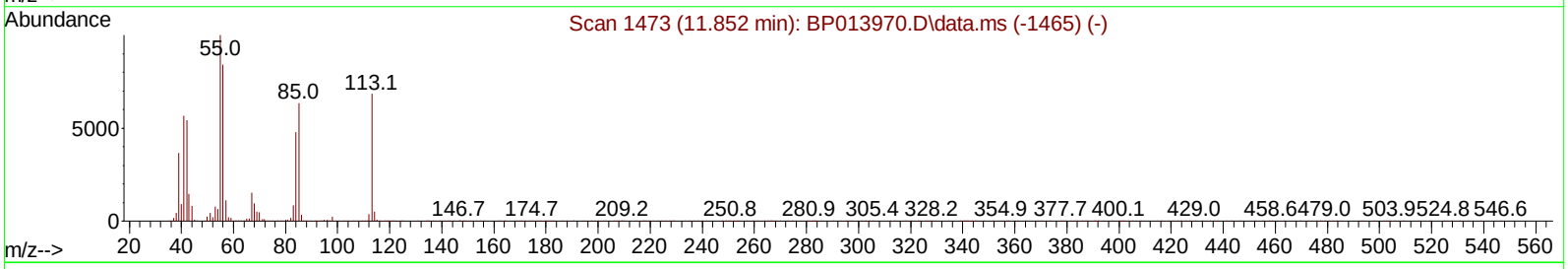

TIC: BP014060.D\data.ms

(34) Caprolactam

11.852min (+ 0.012) 31.38 ng/ul m

response 130294

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	155.00	162.47
56.00	127.50	129.10
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	8.069	152	174401	20.000	ng/ul	0.00
20) Naphthalene-d8	10.899	136	721270	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	467433	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1133733	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	1205525	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1191614	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	29563	6.405	ng/uL	0.00
4) Pyridine-d5	3.864	84	421324	32.967	ng/ul	0.00
7) Phenol-d5	7.228	99	537461	34.922	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	311267	34.679	ng/ul	0.00
11) 2-Chlorophenol-d4	7.599	132	404605	34.506	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	422884	33.638	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	200197	34.787	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	235990	34.256	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.516	165	437036	33.716	ng/ul	0.00
31) 4-Chloroaniline-d4	11.034	131	511203	29.801	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1308566	32.986	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1403294	33.393	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	234708	33.574	ng/ul	0.00
60) Fluorene-d10	15.704	176	1111842	33.071	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	279289	32.594	ng/ul	0.00
73) Anthracene-d10	17.569	188	1840445	33.440	ng/ul	0.00
81) Pyrene-d10	19.792	212	2298022	34.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	2179174	34.380	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.470	88	58284	11.696	ng/uL	90
5) Pyridine	3.881	79	418998	32.328	ng/ul	96
6) Benzaldehyde	7.205	77	303091m	39.579	ng/ul	
8) Phenol	7.252	94	555826	35.020	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.487	93	428851	35.269	ng/ul	98
12) 2-Chlorophenol	7.634	128	403542	34.158	ng/ul	97
13) 2-Methylphenol	8.516	108	402362	34.093	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.605	45	490201	37.330	ng/ul	99
16) Acetophenone	8.905	105	676653	33.318	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.893	70	356424	34.306	ng/ul	95
18) 4-Methylphenol	8.852	108	441701	34.026	ng/ul	99
19) Hexachloroethane	9.163	117	173111	33.457	ng/ul	99
22) Nitrobenzene	9.293	77	543278	35.290	ng/ul	99
23) Isophorone	9.822	82	1000502	33.748	ng/ul	99
25) 2-Nitrophenol	10.005	139	242251	34.119	ng/ul	97
26) 2,4-Dimethylphenol	10.057	107	500937	32.234	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.299	93	569185	33.192	ng/ul	99
29) 2,4-Dichlorophenol	10.540	162	419077	32.775	ng/ul	98
30) Naphthalene	10.946	128	1302045	32.874	ng/ul	99
32) 4-Chloroaniline	11.057	127	516268	29.909	ng/ul	99
33) Hexachlorobutadiene	11.228	225	317278	31.183	ng/ul	98
34) Caprolactam	11.852	113	130294m	31.383	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	458355	31.000	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.546	142	851341	30.645	ng/ul	100
37) 1-Methylnaphthalene	12.763	142	843840	30.221	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.910	216	549997	32.538	ng/ul	99
40) Hexachlorocyclopentadiene	12.887	237	336304	27.784	ng/ul	99
41) 2,4,6-Trichlorophenol	13.151	196	358511	33.763	ng/ul	99
42) 2,4,5-Trichlorophenol	13.222	196	388020	33.297	ng/ul	98
43) 1,1'-Biphenyl	13.546	154	1181459	32.830	ng/ul	100
44) 2-Chloronaphthalene	13.593	162	958873	33.548	ng/ul	97
45) 2-Nitroaniline	13.798	65	329864	39.022	ng/ul	92
47) Dimethylphthalate	14.163	163	1280775	32.618	ng/ul	99
48) 2,6-Dinitrotoluene	14.293	165	271976	35.035	ng/ul	97
50) Acenaphthylene	14.440	152	1471599	33.368	ng/ul	100
51) 3-Nitroaniline	14.622	138	240875	35.044	ng/ul	95
52) Acenaphthene	14.775	153	1027455	33.325	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	183141	31.591	ng/ul	96
55) 4-Nitrophenol	14.928	109	251941	33.364	ng/ul	97
56) Dibenzofuran	15.110	168	1471145	32.799	ng/ul	98
57) 2,4-Dinitrotoluene	15.075	165	398727	34.377	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.334	232	367190	32.936	ng/ul	98
59) Diethylphthalate	15.528	149	1325248	33.276	ng/ul	100
61) Fluorene	15.763	166	1225170	32.953	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	665652	32.438	ng/ul	99
63) 4-Nitroaniline	15.792	138	273223	38.671	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.840	198	266833	32.640	ng/ul	94
67) N-Nitrosodiphenylamine	15.963	169	1067210	33.330	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	439575	32.072	ng/ul	99
69) Hexachlorobenzene	16.769	284	520328	32.217	ng/ul	98
70) Atrazine	16.916	200	405684	29.375	ng/ul	98
71) Pentachlorophenol	17.116	266	329052	31.168	ng/ul	98
72) Phenanthrene	17.510	178	2055293	33.237	ng/ul	99
74) Anthracene	17.604	178	2094250	33.402	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.516	216	543527	31.238	ng/uL	98
76) Pentachlorobenzene	15.028	250	555159	30.716	ng/uL	99
77) Carbazole	17.869	167	1890076	34.176	ng/ul	100
78) Di-n-butylphthalate	18.398	149	2336319	33.802	ng/ul	99
80) Fluoranthene	19.463	202	2641655	34.857	ng/ul	98
82) Pyrene	19.822	202	2729662	34.528	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1146288	35.960	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.457	252	969680	31.421	ng/ul	100
85) Benzo(a)anthracene	21.527	228	2883023	34.001	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	1701260	35.697	ng/ul	100
87) Chrysene	21.586	228	2708094	33.512	ng/ul	100
89) Di-n-octyl phthalate	22.392	149	2951734	39.257	ng/ul	100
90) Benzo(b)fluoranthene	23.304	252	2802242	35.292	ng/ul	99
91) Benzo(k)fluoranthene	23.357	252	2782585	36.751	ng/ul	100
93) Benzo(a)pyrene	23.974	252	2375444	34.395	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.751	276	2687880	29.400	ng/ul	98
95) Dibenzo(a,h)anthracene	26.768	278	2266230	29.824	ng/ul	99
96) Benzo(g,h,i)perylene	27.580	276	2123880	29.064	ng/ul	99

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

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