Quantitation Report (Qedit)

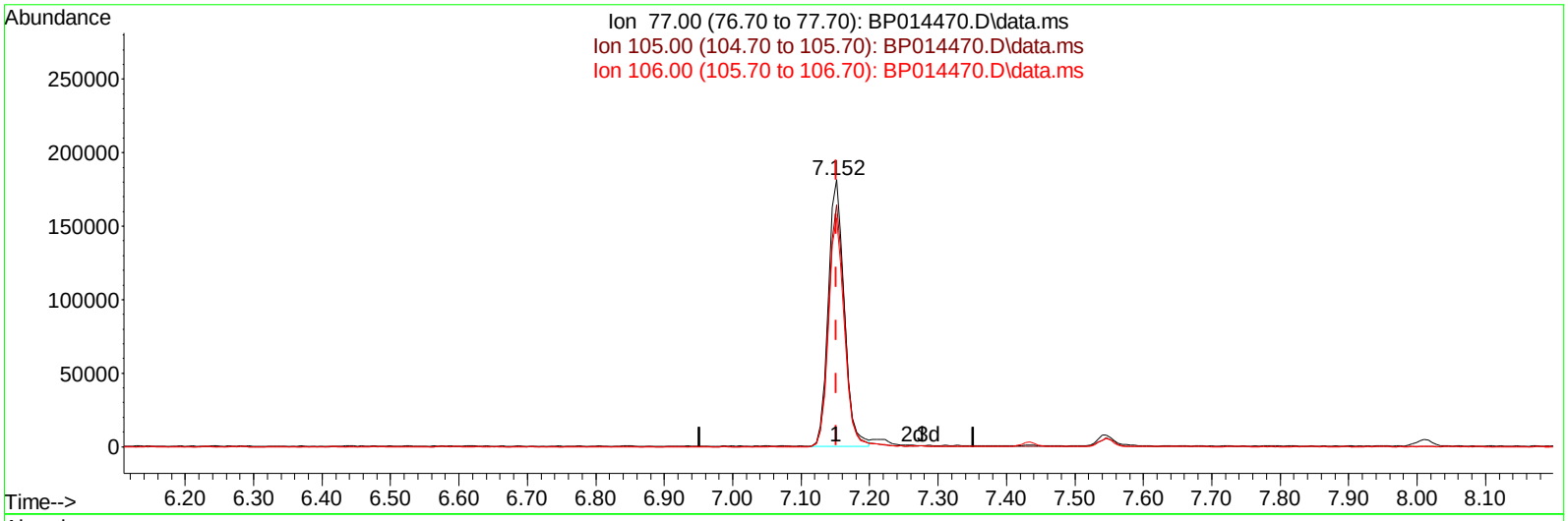
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033023\
Data File : BP014470.D
Acq On : 01 Apr 2023 06:37
Operator : CG/JU
Sample : PB151752BS
Misc :
ALS Vial : 80 Sample Multiplier: 1

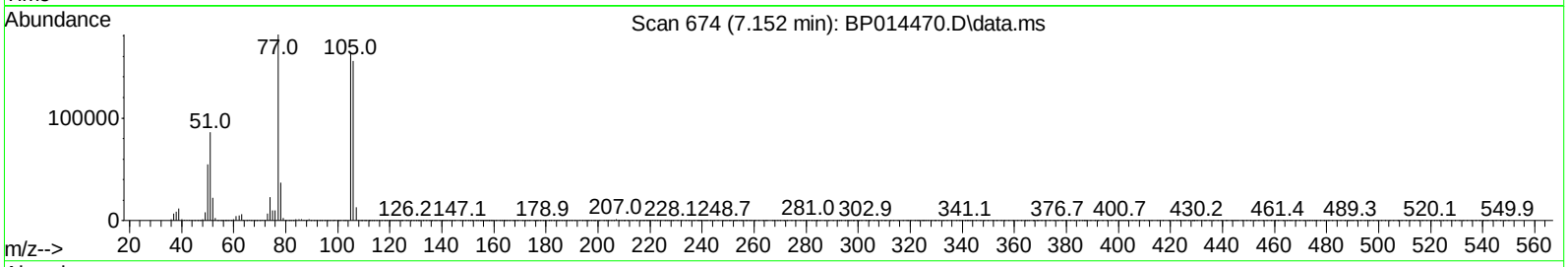
Quant Time: Apr 03 00:41:38 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032823.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 31 04:41:29 2023
Response via : Initial Calibration

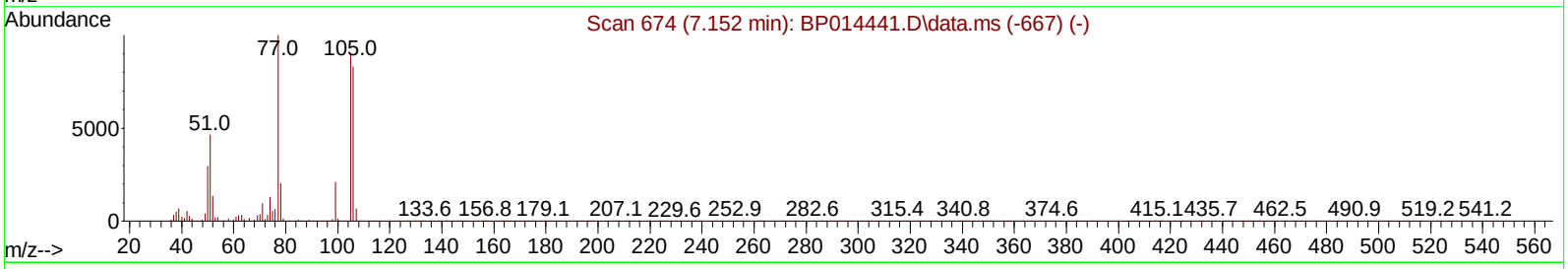
Instrument :
BNA_P
ClientSampleId :
SLCS752

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 04/03/2023
Supervised By :Jagrut Upadhyay 04/03/2023







TIC: BP014470.D\data.ms

(6) Benzaldehyde

7.152min (-0.000) 33.46 ng/ul

response 292745

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	90.59
106.00	83.10	85.68
0.00	0.00	0.00

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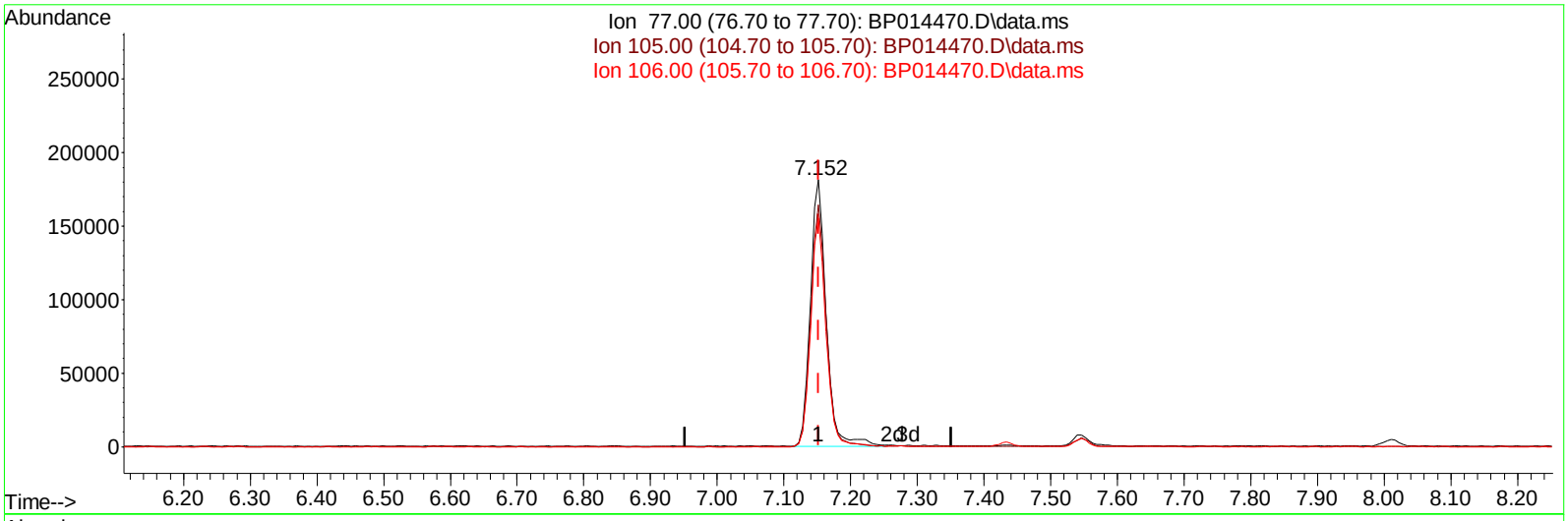

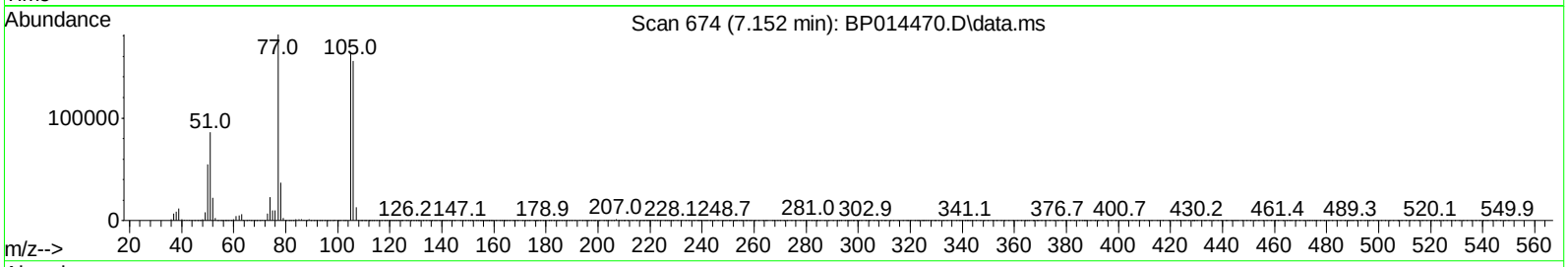

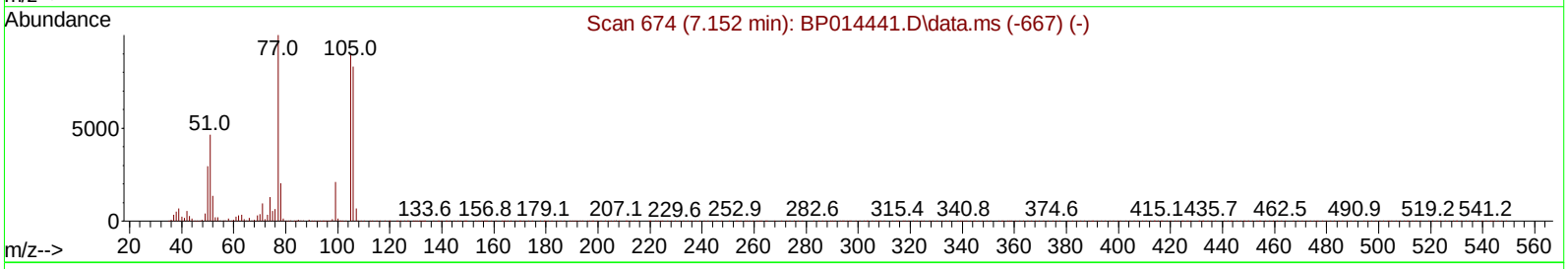

TIC: BP014470.D\data.ms

(6) Benzaldehyde

7.152min (-0.000) 34.52 ng/ul m

response 302050

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	88.20	90.59
106.00	83.10	85.68
0.00	0.00	0.00

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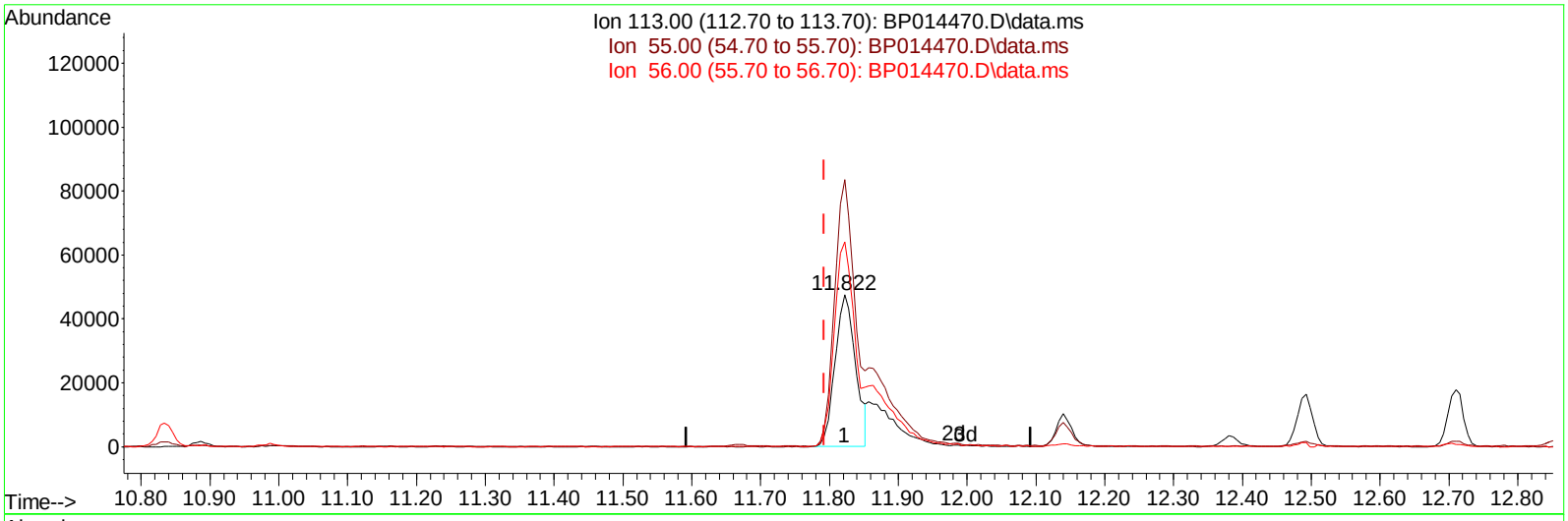

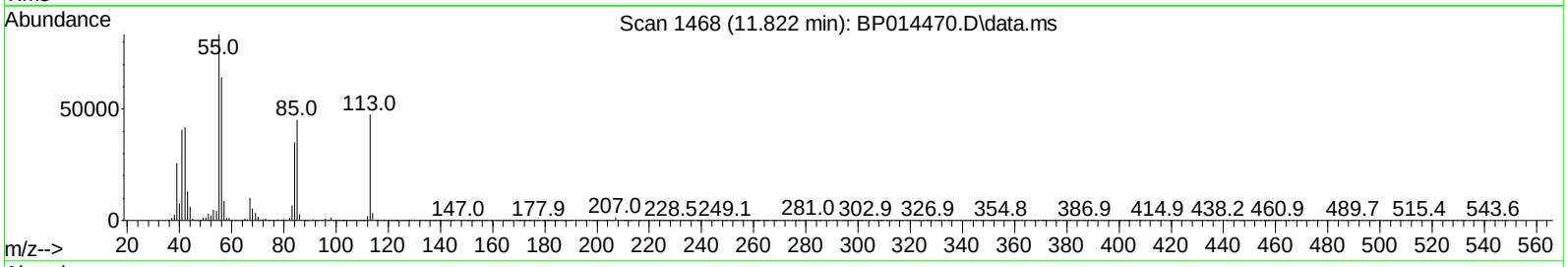

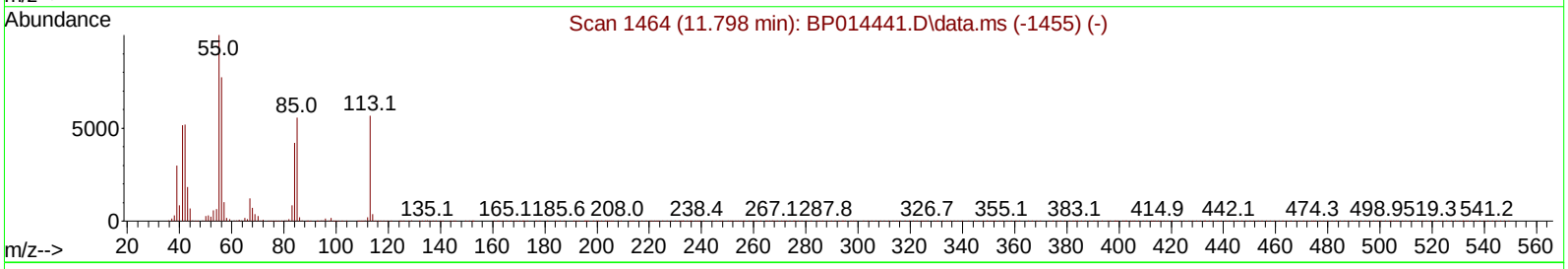

TIC: BP014470.D\data.ms

(34) Caprolactam

11.822min (+ 0.029) 23.39 ng/ul

response 97900

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	175.77
56.00	126.40	135.10
0.00	0.00	0.00

Quantitation Report (Qedit)

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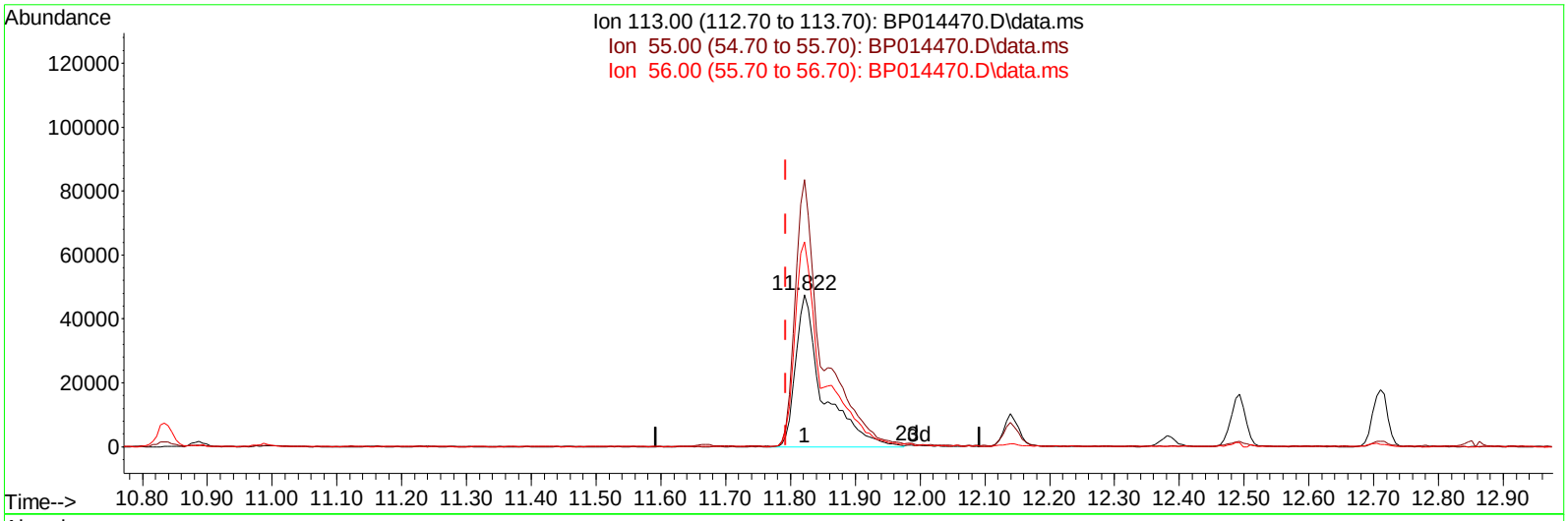

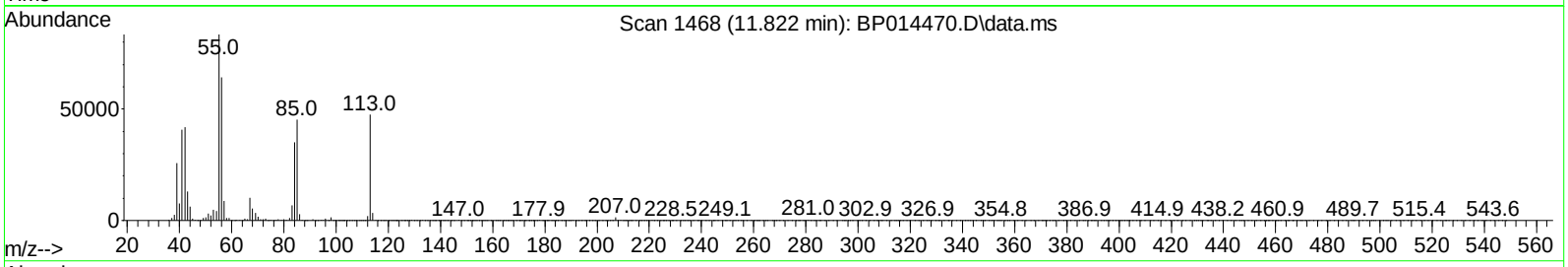

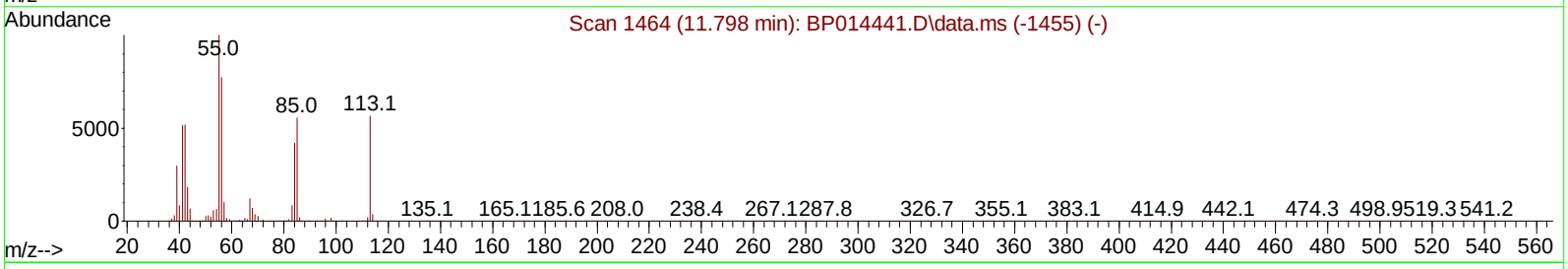

TIC: BP014470.D\data.ms

(34) Caprolactam

11.822min (+ 0.029) 33.13 ng/ul m

response 138690

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	164.00	175.77
56.00	126.40	135.10
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	190871	20.000	ng/ul	0.00
20) Naphthalene-d8	10.834	136	855249	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.669	164	582749	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	1268668	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	975422	20.000	ng/ul	0.00
88) Perylene-d12	24.033	264	894303	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	23861	4.848	ng/uL	0.00
4) Pyridine-d5	3.822	84	217156	17.216	ng/ul	0.00
7) Phenol-d5	7.187	99	522530	29.684	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.340	67	316742	28.045	ng/ul	0.00
11) 2-Chlorophenol-d4	7.546	132	380497	29.906	ng/ul	0.00
15) 4-Methylphenol-d8	8.740	113	426743	30.054	ng/ul	0.01
21) Nitrobenzene-d5	9.193	128	194155	28.121	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	235245	29.756	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.463	165	429312	29.817	ng/ul	0.00
31) 4-Chloroaniline-d4	10.987	131	99743	5.259	ng/ul	0.00
46) Dimethylphthalate-d6	14.075	166	1359946	28.782	ng/ul	0.00
49) Acenaphthylene-d8	14.363	160	1483238	28.290	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	188651	26.428	ng/ul	0.02
60) Fluorene-d10	15.663	176	1117281	28.355	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.792	200	245556	26.305	ng/ul	0.00
73) Anthracene-d10	17.533	188	1760362	28.671	ng/ul	0.00
81) Pyrene-d10	19.757	212	1947614	29.726	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.874	264	1372542	28.887	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	51175	9.461	ng/uL	95
5) Pyridine	3.840	79	310158	23.497	ng/ul	98
6) Benzaldehyde	7.152	77	302050m	34.521	ng/ul	
8) Phenol	7.216	94	531178	29.088	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	396680	27.032	ng/ul	99
12) 2-Chlorophenol	7.575	128	378637	28.593	ng/ul	95
13) 2-Methylphenol	8.475	108	392084	28.791	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.540	45	535537	27.795	ng/ul	99
16) Acetophenone	8.852	105	665036	28.363	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	366594	28.941	ng/ul	96
18) 4-Methylphenol	8.805	108	433002	28.952	ng/ul	95
19) Hexachloroethane	9.093	117	165400	28.586	ng/ul	96
22) Nitrobenzene	9.234	77	537719	27.110	ng/ul	99
23) Isophorone	9.763	82	1030946	28.197	ng/ul	98
25) 2-Nitrophenol	9.946	139	232520	27.865	ng/ul	99
26) 2,4-Dimethylphenol	10.010	107	516087	27.632	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.240	93	590503	26.939	ng/ul	97
29) 2,4-Dichlorophenol	10.493	162	405943	28.649	ng/ul	97
30) Naphthalene	10.887	128	1274188	26.747	ng/ul	98
32) 4-Chloroaniline	11.010	127	319409	16.628	ng/ul	98
33) Hexachlorobutadiene	11.157	225	297363	26.489	ng/ul	98
34) Caprolactam	11.822	113	138690m	33.131	ng/ul	
35) 4-Chloro-3-methylphenol	12.140	107	503703	28.901	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.493	142	879377	27.238	ng/ul	100
37) 1-Methylnaphthalene	12.710	142	909965	28.420	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.857	216	553360	26.633	ng/ul	100
40) Hexachlorocyclopentadiene	12.828	237	300847	22.359	ng/ul	96
41) 2,4,6-Trichlorophenol	13.104	196	357110	27.775	ng/ul	99
42) 2,4,5-Trichlorophenol	13.187	196	393275	28.732	ng/ul	97
43) 1,1'-Biphenyl	13.498	154	1239728	26.332	ng/ul	100
44) 2-Chloronaphthalene	13.545	162	981905	26.377	ng/ul	99
45) 2-Nitroaniline	13.763	65	351462	30.487	ng/ul	98
47) Dimethylphthalate	14.122	163	1295631	27.425	ng/ul	99
48) 2,6-Dinitrotoluene	14.251	165	275201	29.816	ng/ul	99
50) Acenaphthylene	14.392	152	1517079	27.170	ng/ul	100
51) 3-Nitroaniline	14.592	138	258239	31.229	ng/ul	97
52) Acenaphthene	14.734	153	1059708	26.857	ng/ul	99
53) 2,4-Dinitrophenol	14.798	184	136610	22.855	ng/ul	96
55) 4-Nitrophenol	14.916	109	181870	25.816	ng/ul	95
56) Dibenzofuran	15.069	168	1492953	26.916	ng/ul	99
57) 2,4-Dinitrotoluene	15.045	165	394134	30.103	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.298	232	339599	27.605	ng/ul	99
59) Diethylphthalate	15.486	149	1348175	28.717	ng/ul	100
61) Fluorene	15.722	166	1228871	27.333	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.710	204	663334	27.462	ng/ul	96
63) 4-Nitroaniline	15.763	138	245645	36.562	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.810	198	226112	24.994	ng/ul	95
67) N-Nitrosodiphenylamine	15.928	169	1042912	26.421	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	424697	26.902	ng/ul	96
69) Hexachlorobenzene	16.728	284	493790	27.231	ng/ul	97
70) Atrazine	16.886	200	166749	11.605	ng/ul	96
71) Pentachlorophenol	17.081	266	248861	23.689	ng/ul	98
72) Phenanthrene	17.475	178	1925089	27.275	ng/ul	99
74) Anthracene	17.569	178	1956396	27.502	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.463	216	548235	24.550	ng/uL	97
76) Pentachlorobenzene	14.981	250	581747	26.107	ng/uL	98
77) Carbazole	17.839	167	1691888	28.420	ng/ul	99
78) Di-n-butylphthalate	18.369	149	2363604	31.576	ng/ul	99
80) Fluoranthene	19.433	202	2242275	28.945	ng/ul	99
82) Pyrene	19.786	202	2253874	27.868	ng/ul	100
83) Butylbenzylphthalate	20.645	149	989841	35.531	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	591385	27.414	ng/ul	100
85) Benzo(a)anthracene	21.498	228	1925024	27.850	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	1419261	37.255	ng/ul	99
87) Chrysene	21.557	228	1835629	28.125	ng/ul	99
89) Di-n-octyl phthalate	22.357	149	2145994	36.977	ng/ul	100
90) Benzo(b)fluoranthene	23.263	252	1678636	27.792	ng/ul	100
91) Benzo(k)fluoranthene	23.316	252	1656249	28.234	ng/ul	99
93) Benzo(a)pyrene	23.927	252	1446204	27.817	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.686	276	1900956	26.577	ng/ul	100
95) Dibenzo(a,h)anthracene	26.704	278	1588224	26.521	ng/ul	99
96) Benzo(g,h,i)perylene	27.498	276	1546487	26.525	ng/ul	100

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

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