Quantitation Report (Qedit)

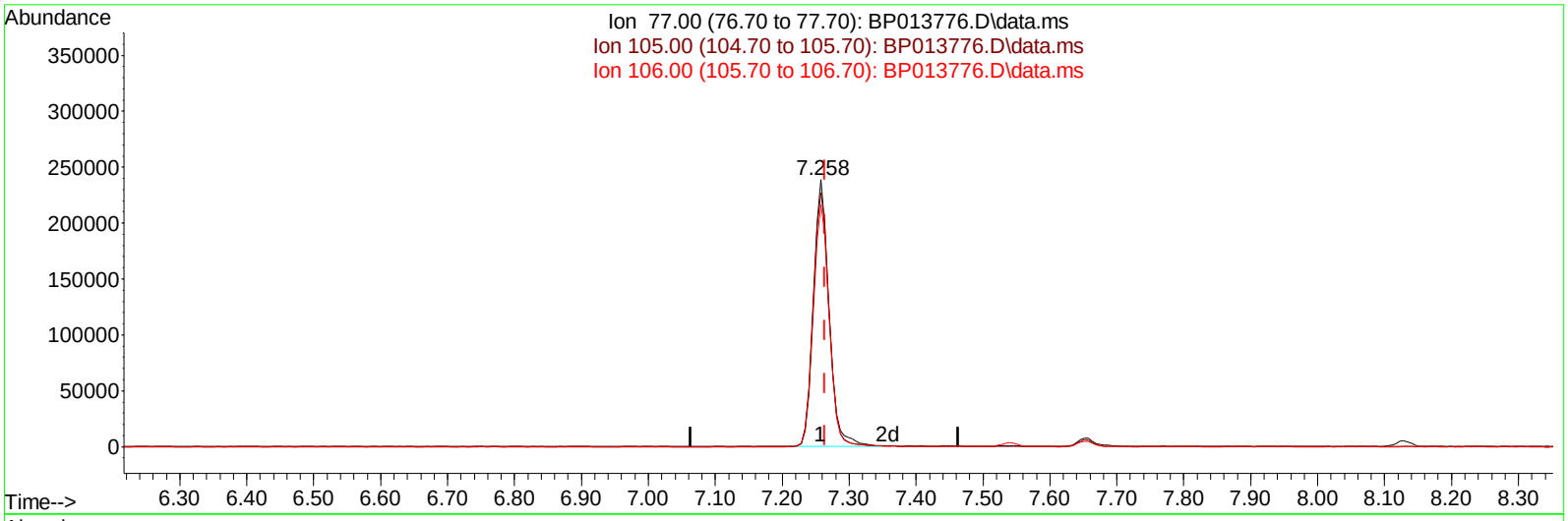
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020623\
Data File : BP013776.D
Acq On : 06 Feb 2023 17:32
Operator : CG/JU
Sample : PB150652BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

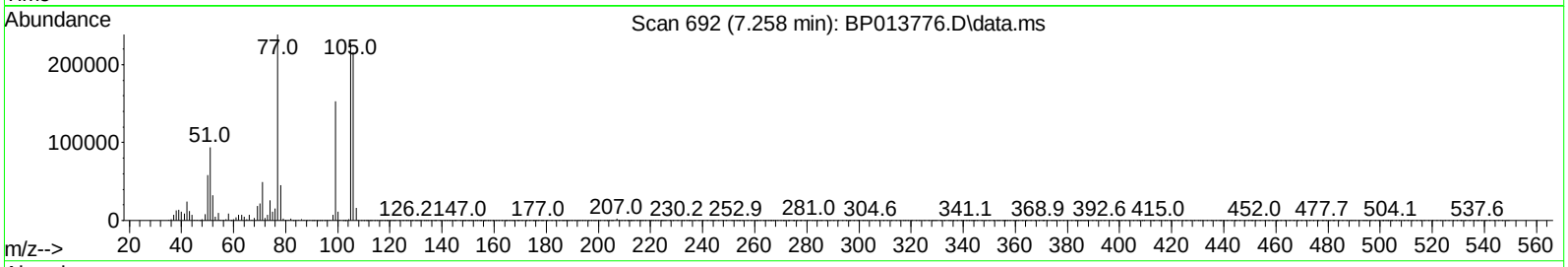
Quant Time: Feb 06 23:56:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 03 23:44:43 2023
Response via : Initial Calibration

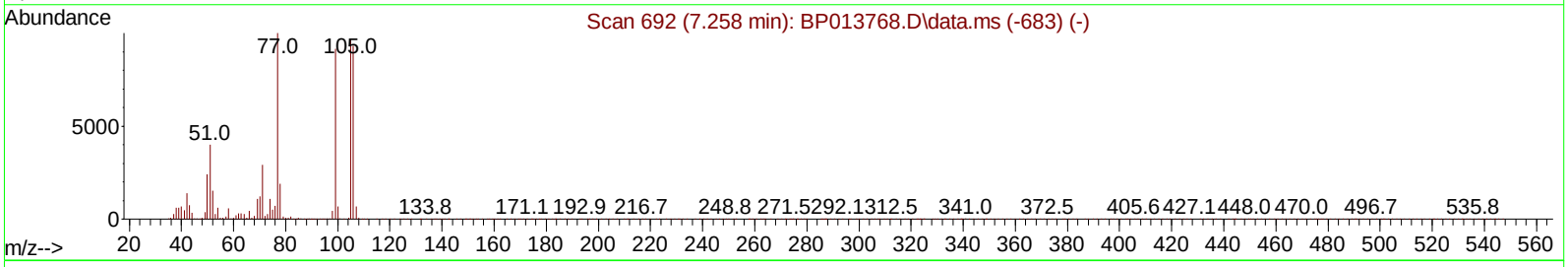
Instrument :
BNA_P
ClientSampleId :
SLCS652

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/07/2023
Supervised By :mohammad ahmed 02/07/2023







TIC: BP013776.D\data.ms

(6) Benzaldehyde

7.258min (-0.006) 44.92 ng/ul

response 388625

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	95.20
106.00	93.70	90.64
0.00	0.00	0.00

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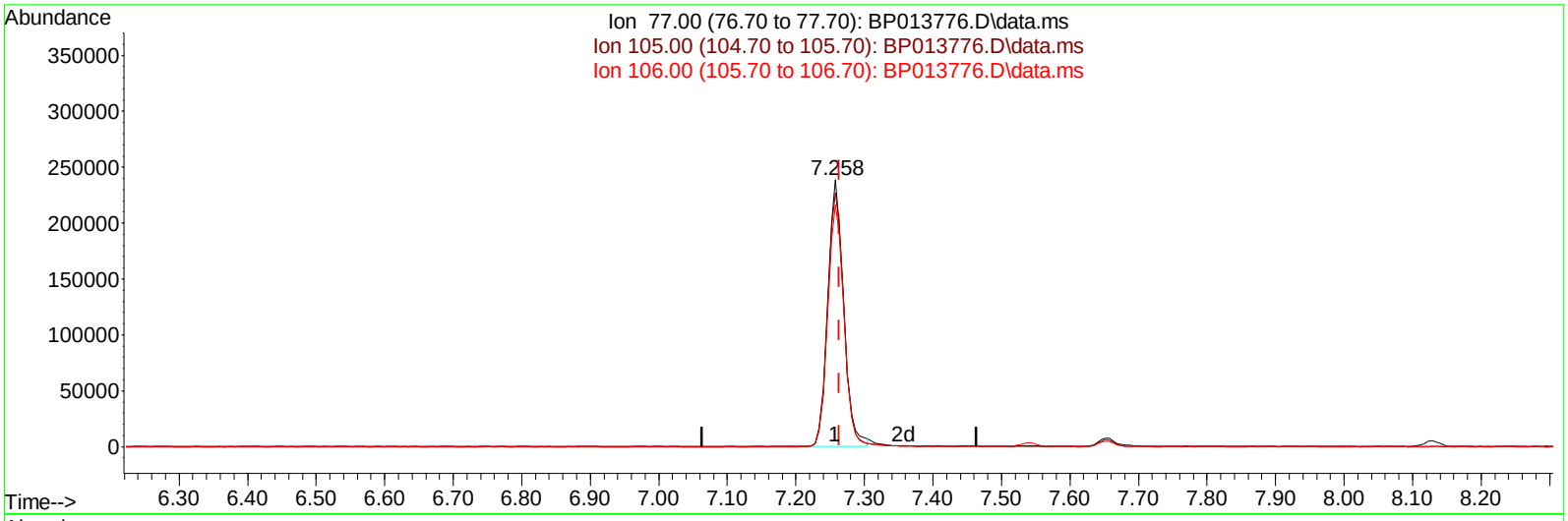

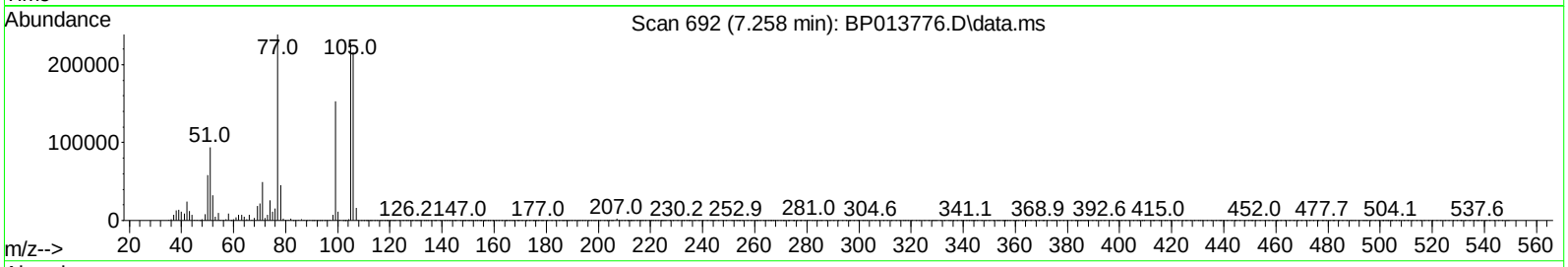

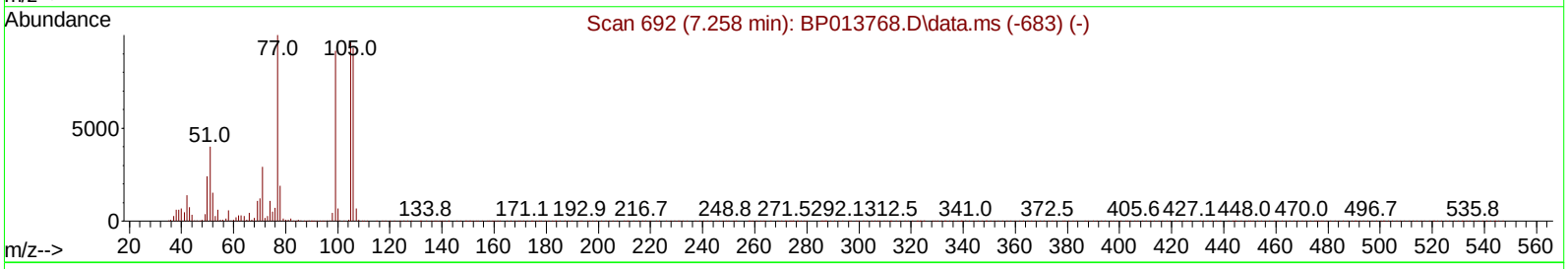

TIC: BP013776.D\data.ms

(6) Benzaldehyde

7.258min (-0.006) 44.58 ng/ul m

response 385625

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	100.80	95.20
106.00	93.70	90.64
0.00	0.00	0.00

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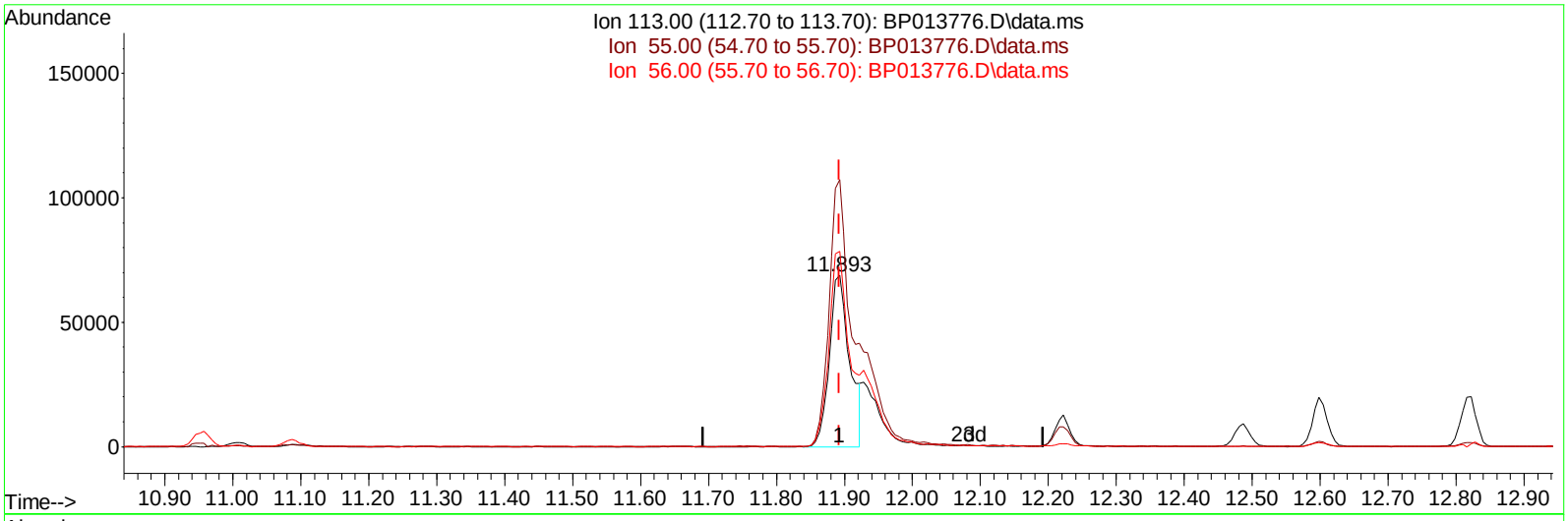

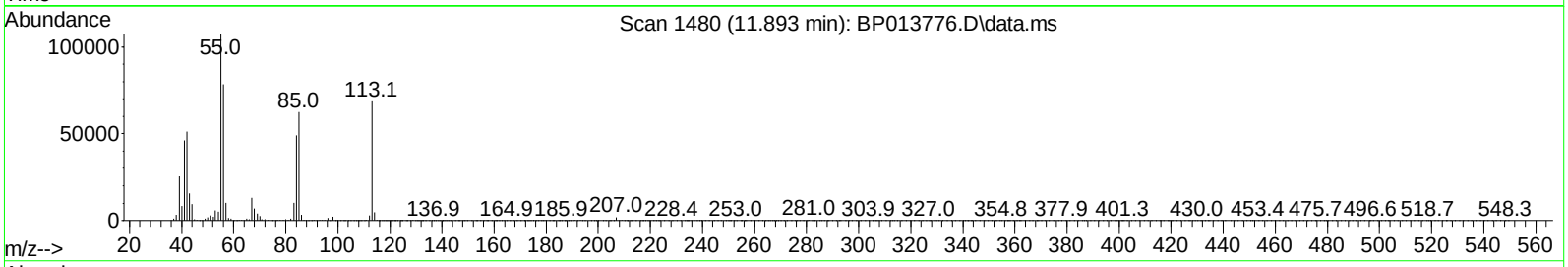

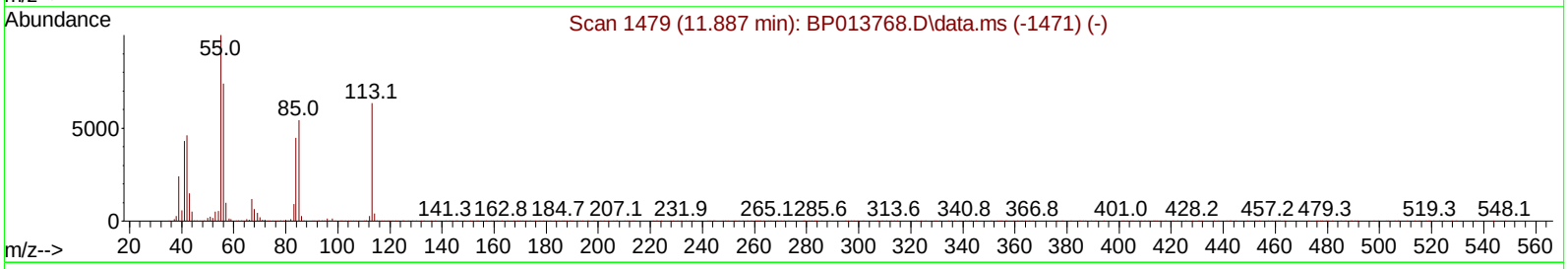

TIC: BP013776.D\data.ms

(34) Caprolactam

11.893min (0.000) 23.65 ng/ul

response 143828

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	155.83
56.00	115.20	114.10
0.00	0.00	0.00

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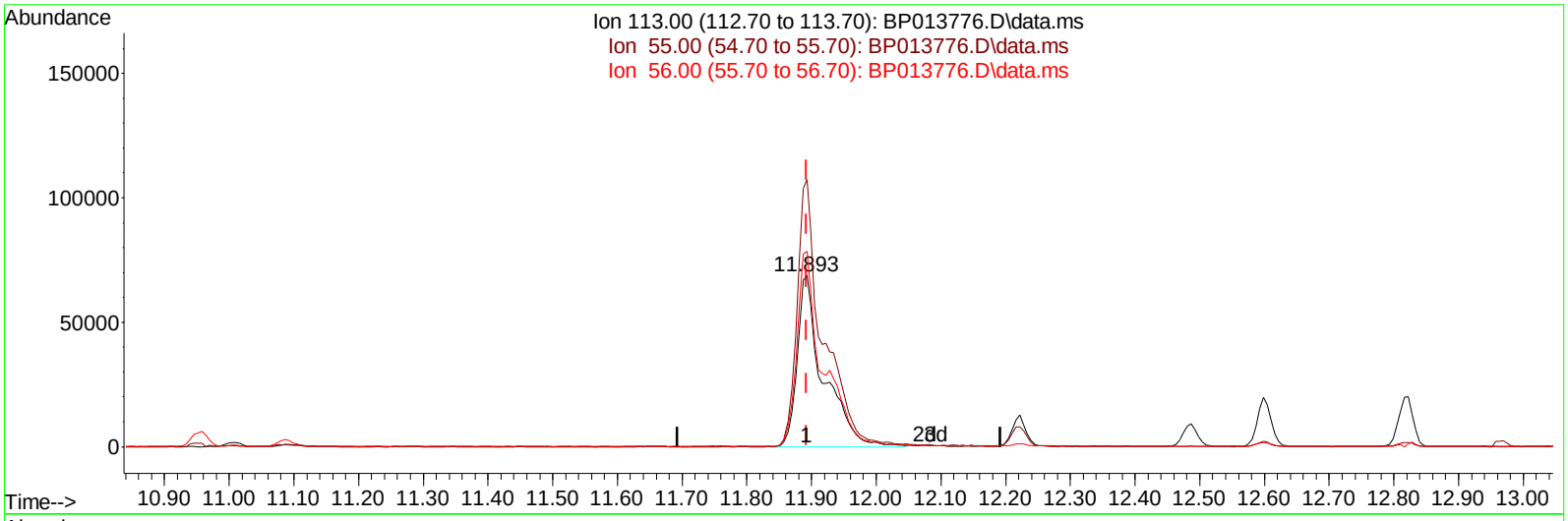

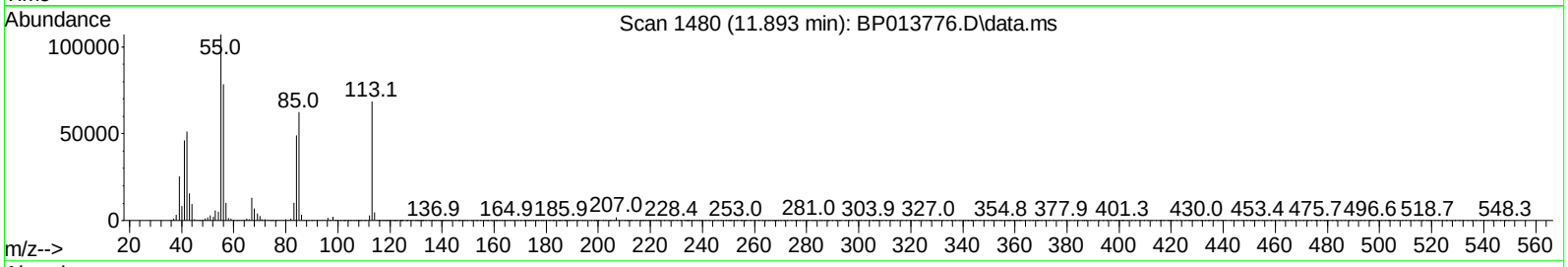

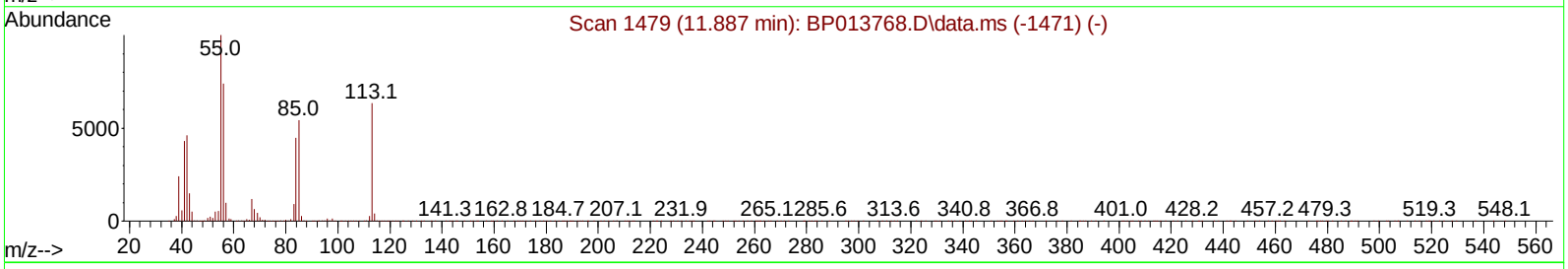

TIC: BP013776.D\data.ms

(34) Caprolactam

11.893min (0.000) 31.90 ng/ul m

response 194014

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	160.50	155.83
56.00	115.20	114.10
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	8.128	152	245487	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1069172	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	768080	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1926346	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	2166995	20.000	ng/ul	0.00
88) Perylene-d12	24.163	264	2313438	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	34722	5.997	ng/uL	0.00
4) Pyridine-d5	3.905	84	453422	27.292	ng/ul	0.00
7) Phenol-d5	7.275	99	696516	32.283	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	404042	31.930	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	503628	31.843	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	547005	31.803	ng/ul	0.00
21) Nitrobenzene-d5	9.299	128	235687	34.555	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	276981	34.846	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	604283	32.510	ng/ul	0.00
31) 4-Chloroaniline-d4	11.087	131	482135	19.639	ng/ul	0.00
46) Dimethylphthalate-d6	14.163	166	1838614	30.368	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	2077454	31.056	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	307950	30.176	ng/ul	0.00
60) Fluorene-d10	15.751	176	1674154	32.080	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	267860	24.813	ng/ul	0.00
73) Anthracene-d10	17.616	188	2820078	31.406	ng/ul	0.00
81) Pyrene-d10	19.833	212	3741853	30.960	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	3897862	33.005	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	71025	11.771	ng/uL	97
5) Pyridine	3.922	79	491985	29.410	ng/ul	98
6) Benzaldehyde	7.258	77	385625m	44.577	ng/ul	
8) Phenol	7.299	94	739069	33.472	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.540	93	573867	32.343	ng/ul	99
12) 2-Chlorophenol	7.687	128	530343	33.098	ng/ul	98
13) 2-Methylphenol	8.569	108	537423	31.878	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.652	45	667386	31.769	ng/ul	99
16) Acetophenone	8.958	105	868475	32.390	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.940	70	429582	31.982	ng/ul	99
18) 4-Methylphenol	8.899	108	608175	33.217	ng/ul	95
19) Hexachloroethane	9.222	117	200526	31.972	ng/ul	95
22) Nitrobenzene	9.346	77	619355	33.621	ng/ul	98
23) Isophorone	9.875	82	1260087	29.878	ng/ul	99
25) 2-Nitrophenol	10.057	139	305876	34.779	ng/ul	97
26) 2,4-Dimethylphenol	10.110	107	615992	30.999	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.352	93	790417	30.924	ng/ul	99
29) 2,4-Dichlorophenol	10.593	162	591382	32.875	ng/ul	99
30) Naphthalene	11.004	128	1781745	31.531	ng/ul	99
32) 4-Chloroaniline	11.110	127	706307	28.587	ng/ul	98
33) Hexachlorobutadiene	11.287	225	417884	32.938	ng/ul	99
34) Caprolactam	11.893	113	194014m	31.898	ng/ul	
35) 4-Chloro-3-methylphenol	12.222	107	620570	32.208	ng/ul	100

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.599	142	1270287	31.581	ng/ul	99
37) 1-Methylnaphthalene	12.816	142	1303155	32.078	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.963	216	847208	33.392	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	384723	26.969	ng/ul	98
41) 2,4,6-Trichlorophenol	13.198	196	548044	32.608	ng/ul	98
42) 2,4,5-Trichlorophenol	13.269	196	602894	32.915	ng/ul	98
43) 1,1'-Biphenyl	13.598	154	1805263	31.043	ng/ul	99
44) 2-Chloronaphthalene	13.646	162	1454542	31.615	ng/ul	100
45) 2-Nitroaniline	13.845	65	340026	38.825	ng/ul	98
47) Dimethylphthalate	14.210	163	1869255	31.338	ng/ul	100
48) 2,6-Dinitrotoluene	14.334	165	340742	40.085	ng/ul	95
50) Acenaphthylene	14.487	152	2205447	31.267	ng/ul	100
51) 3-Nitroaniline	14.663	138	333689	37.139	ng/ul	99
52) Acenaphthene	14.828	153	1532312	31.611	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	99395	15.054	ng/ul	98
55) 4-Nitrophenol	14.963	109	231400	29.746	ng/ul	96
56) Dibenzofuran	15.157	168	2243435	31.862	ng/ul	99
57) 2,4-Dinitrotoluene	15.116	165	514550	38.539	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.381	232	563688	32.744	ng/ul	98
59) Diethylphthalate	15.569	149	1810138	31.611	ng/ul	99
61) Fluorene	15.810	166	1863242	32.517	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	1028417	32.943	ng/ul	96
63) 4-Nitroaniline	15.828	138	360616	42.864	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.881	198	266763	24.830	ng/ul	98
67) N-Nitrosodiphenylamine	16.010	169	1630756	31.364	ng/ul	100
68) 4-Bromophenyl-phenylether	16.698	248	693127	31.626	ng/ul	98
69) Hexachlorobenzene	16.816	284	830092	32.284	ng/ul	98
70) Atrazine	16.963	200	535366	25.583	ng/ul	100
71) Pentachlorophenol	17.163	266	493699	30.082	ng/ul	98
72) Phenanthrene	17.557	178	3285197	32.285	ng/ul	99
74) Anthracene	17.651	178	3276852	31.795	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	846369	30.840	ng/uL	99
76) Pentachlorobenzene	15.081	250	861245	30.611	ng/uL	100
77) Carbazole	17.916	167	2972485	33.246	ng/ul	99
78) Di-n-butylphthalate	18.445	149	3267443	30.929	ng/ul	100
80) Fluoranthene	19.510	202	4330470	30.740	ng/ul	99
82) Pyrene	19.863	202	4511736	31.325	ng/ul	99
83) Butylbenzylphthalate	20.716	149	1378056	33.302	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.498	252	1564974	31.796	ng/ul	98
85) Benzo(a)anthracene	21.575	228	4855231	32.590	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.475	149	2193073	30.912	ng/ul	98
87) Chrysene	21.633	228	4627940	32.996	ng/ul	99
89) Di-n-octyl phthalate	22.451	149	3857113	31.651	ng/ul	100
90) Benzo(b)fluoranthene	23.369	252	5128584	33.960	ng/ul	100
91) Benzo(k)fluoranthene	23.421	252	4872871	33.761	ng/ul	99
93) Benzo(a)pyrene	24.051	252	4336224	33.259	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.874	276	5125318	31.729	ng/ul	99
95) Dibenzo(a,h)anthracene	26.886	278	4298521	32.099	ng/ul	100
96) Benzo(g,h,i)perylene	27.709	276	4091125	32.014	ng/ul	99

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

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