Quantitation Report (Qedit)

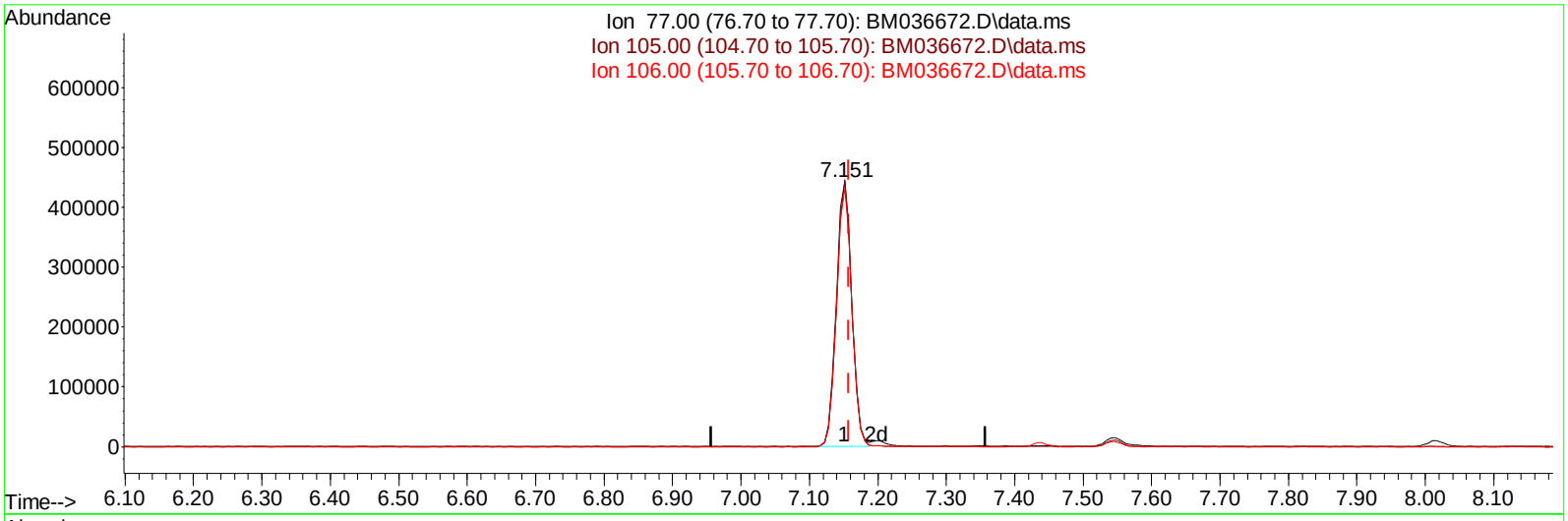
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036672.D
Acq On : 23 Sep 2022 12:01
Operator : CG/JU
Sample : PB147811BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

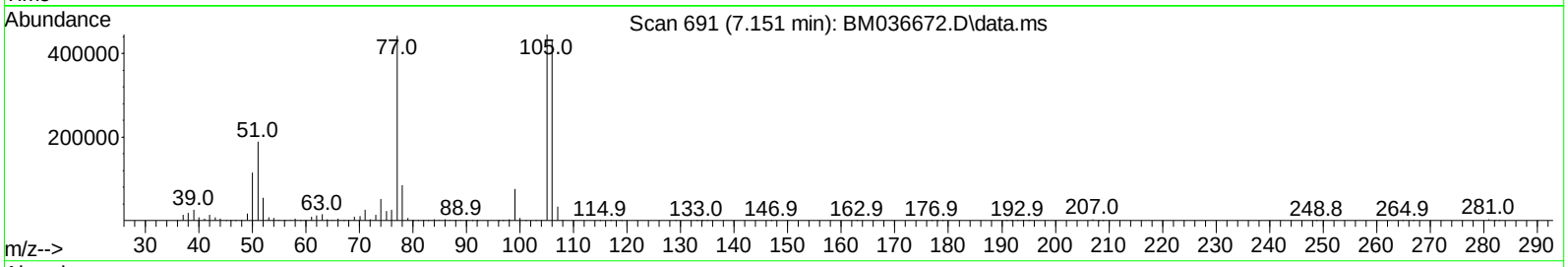
Quant Time: Sep 23 23:34:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

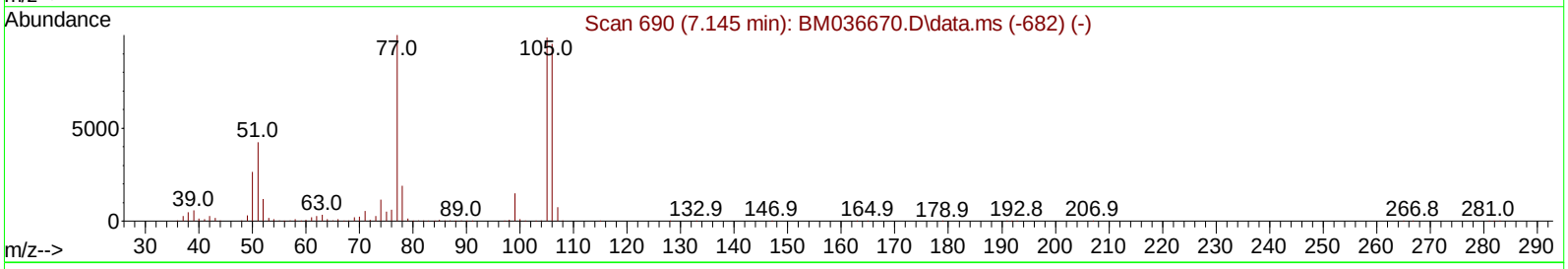
Instrument :
BNA_M
ClientSampleId :
SLCS811

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
Supervised By :mohammad ahmed 09/26/2022







TIC: BM036672.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 38.10 ng/ul

response 693011

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	100.65
106.00	91.30	97.44
0.00	0.00	0.00

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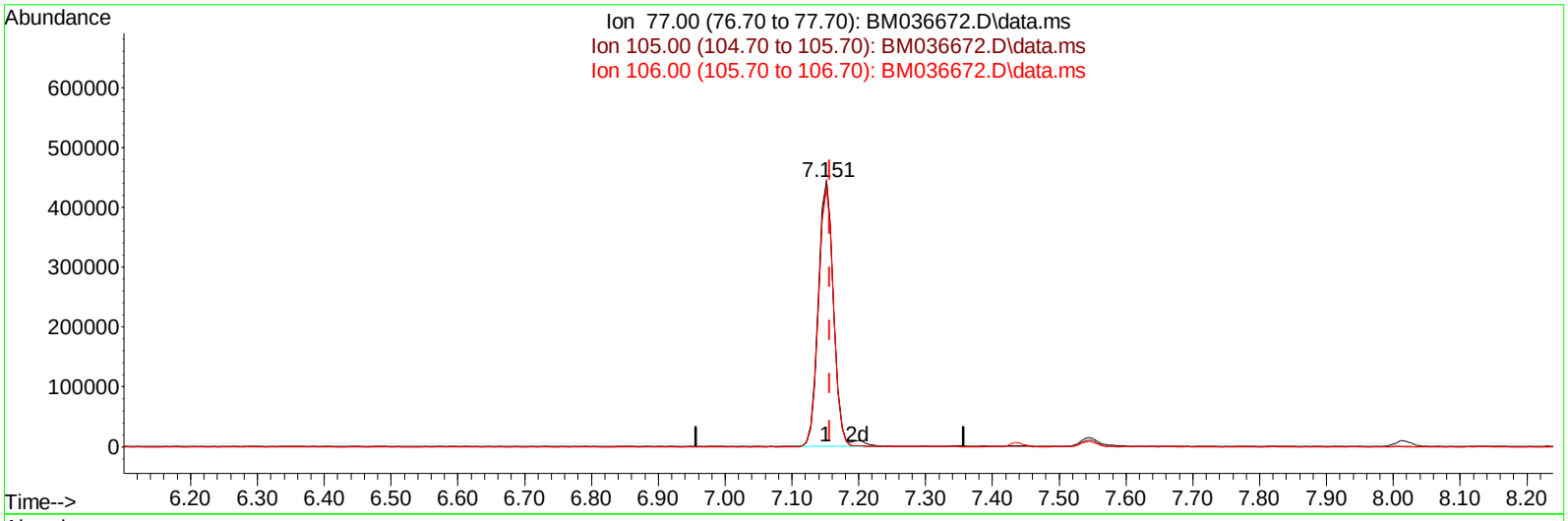

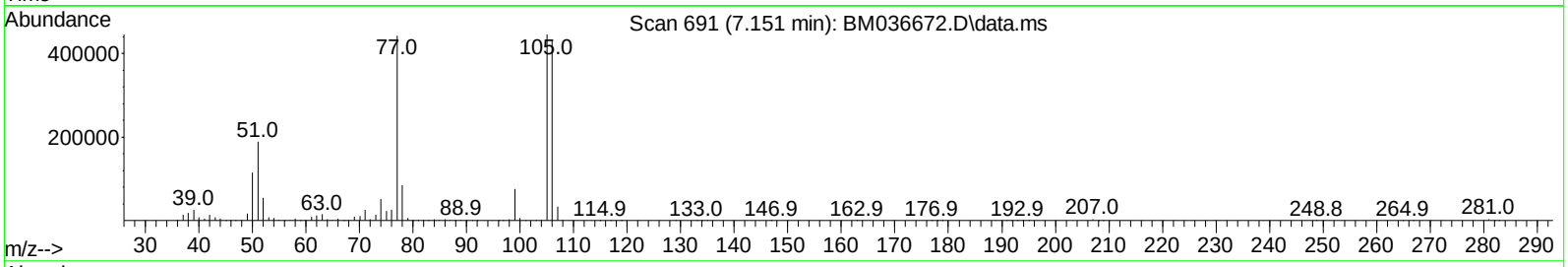

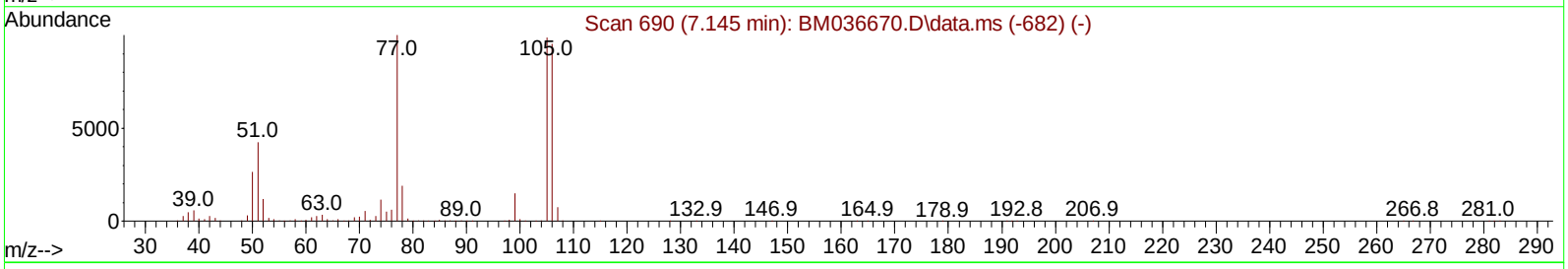

TIC: BM036672.D\data.ms

(6) Benzaldehyde

7.151min (-0.006) 38.95 ng/ul m

response 708592

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	100.65
106.00	91.30	97.44
0.00	0.00	0.00

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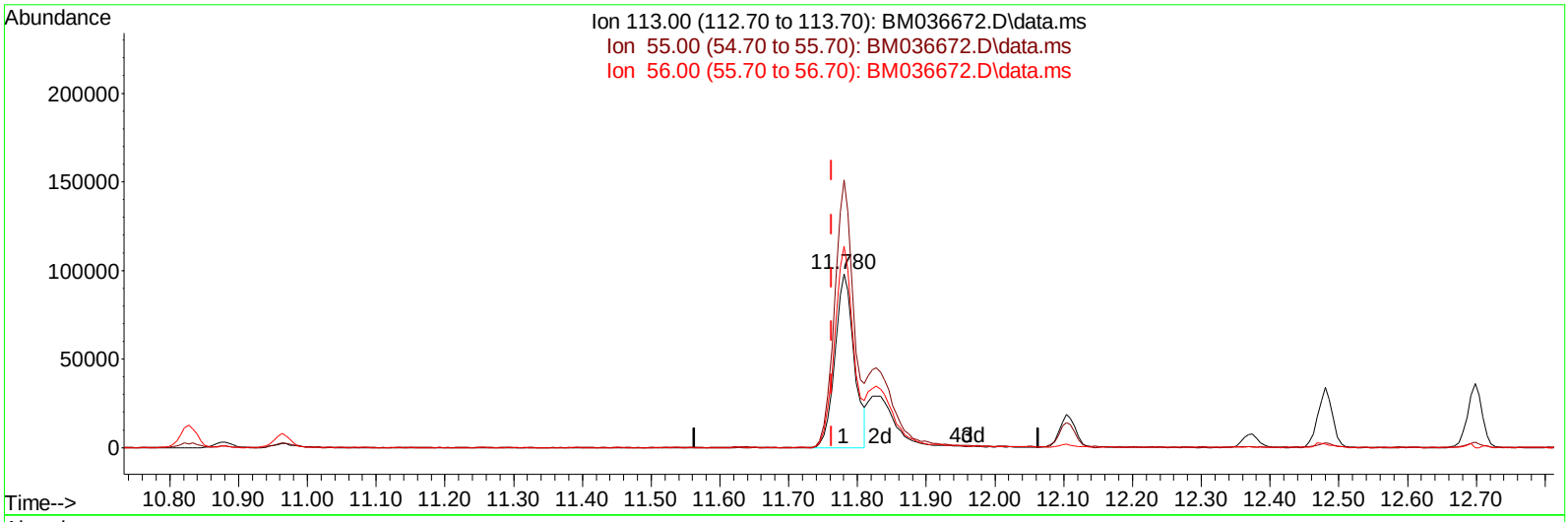

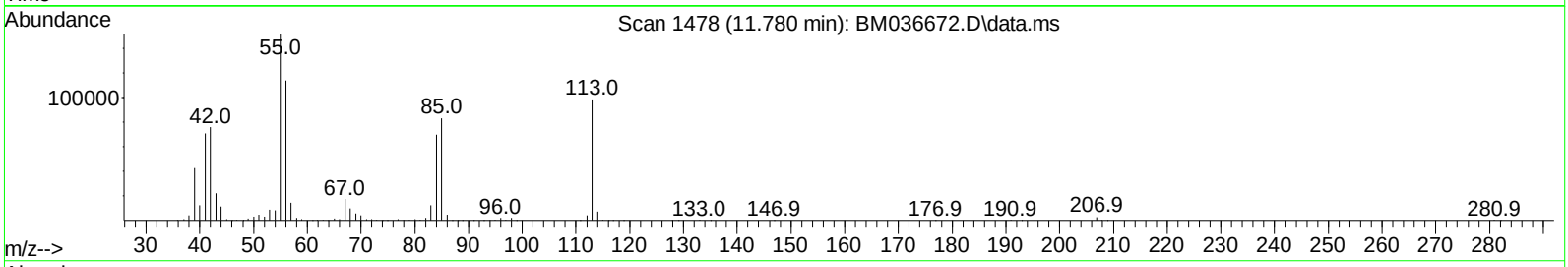

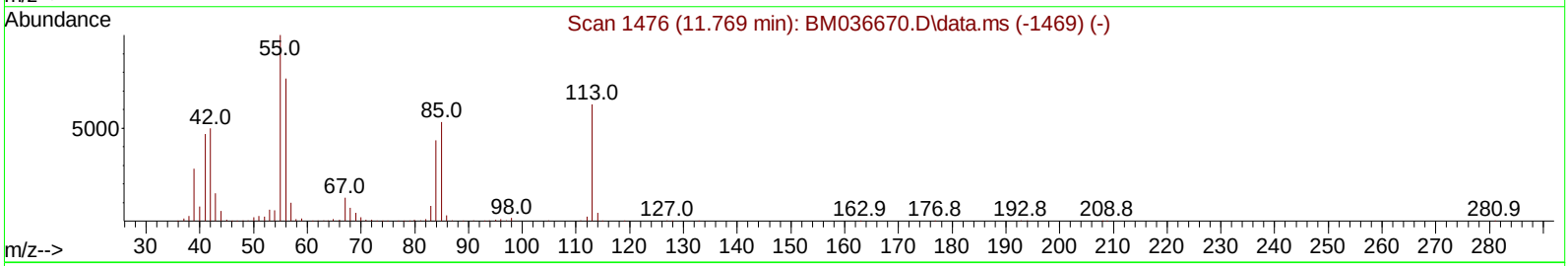

TIC: BM036672.D\data.ms

(34) Caprolactam

11.780min (+ 0.017) 20.57 ng/ul

response 189904

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	153.81
56.00	118.30	116.05
0.00	0.00	0.00

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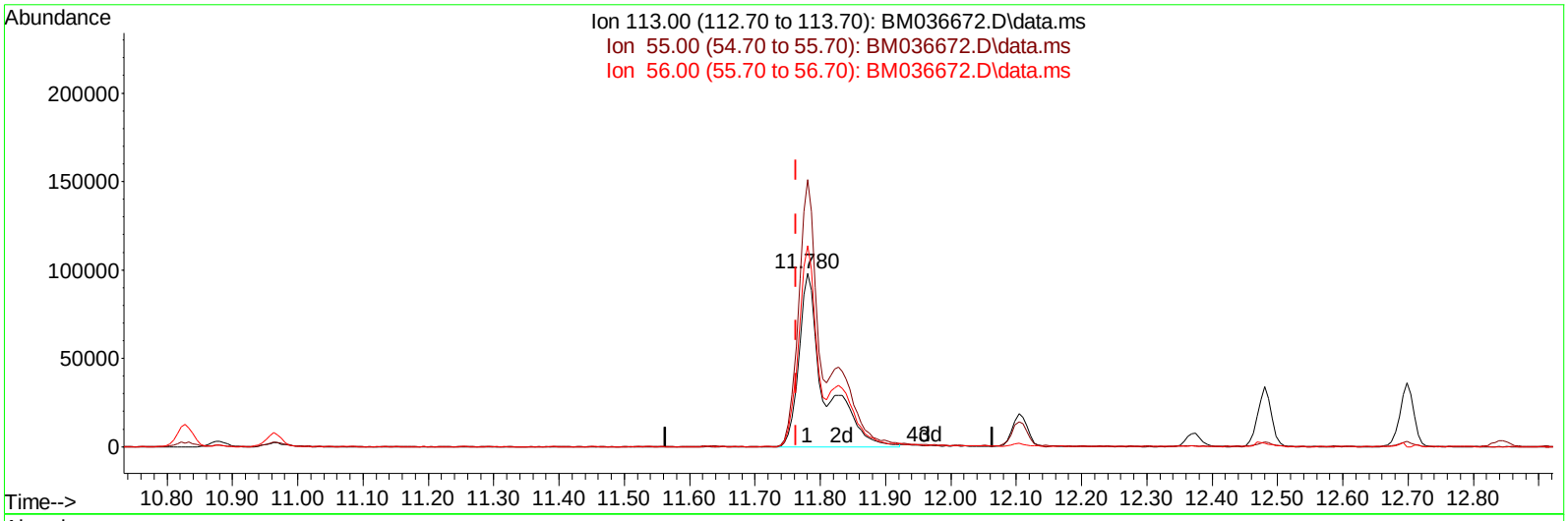

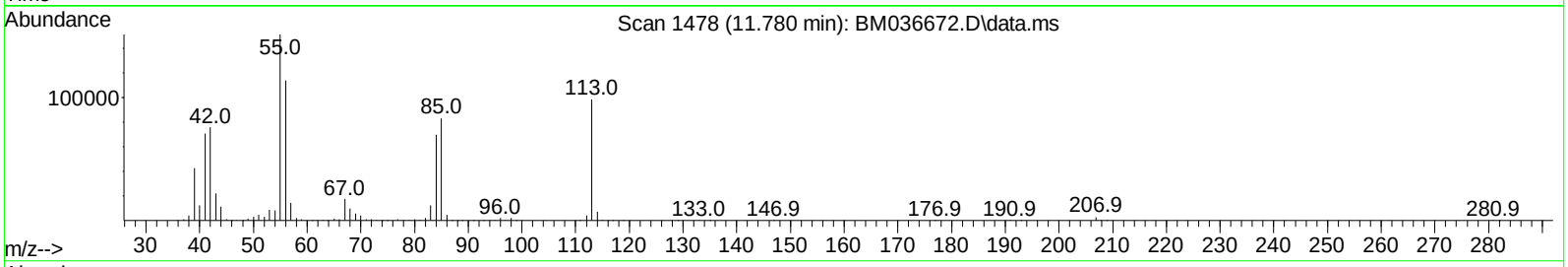

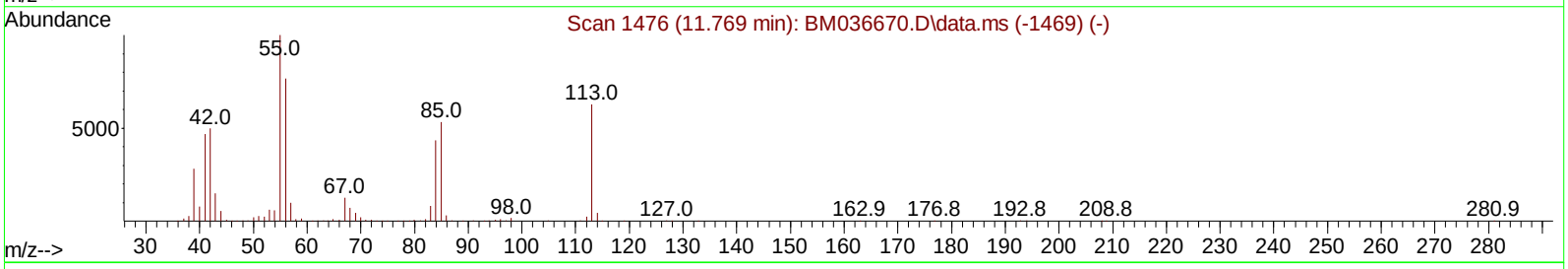

TIC: BM036672.D\data.ms

(34) Caprolactam

11.780min (+ 0.017) 29.21 ng/ul m

response 269672

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	153.81
56.00	118.30	116.05
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	8.016	152	420373	20.000	ng/ul	0.00
20) Naphthalene-d8	10.828	136	1926741	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.639	164	1186395	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	2206359	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1520716	20.000	ng/ul	0.00
88) Perylene-d12	23.986	264	1288586	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	60544	5.399	ng/uL	0.00
4) Pyridine-d5	3.816	84	834898	25.529	ng/ul	0.00
7) Phenol-d5	7.175	99	1216572	32.384	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	723968	31.734	ng/ul	0.00
11) 2-Chlorophenol-d4	7.545	132	952866	35.231	ng/ul	0.00
15) 4-Methylphenol-d8	8.728	113	957835	34.507	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	467673	35.861	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	467596	40.030	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.445	165	908220	33.549	ng/ul	0.00
31) 4-Chloroaniline-d4	10.963	131	1201153	26.687	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2518778	31.479	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	3074766	32.396	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	448332	28.888	ng/ul	0.00
60) Fluorene-d10	15.627	176	2205371	30.756	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	312463	35.795	ng/ul	0.00
73) Anthracene-d10	17.480	188	3178239	31.505	ng/ul	0.00
81) Pyrene-d10	19.762	212	3063705	40.951	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2123267	33.727	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	126215	10.449	ng/uL	99
5) Pyridine	3.840	79	913701	27.809	ng/ul	93
6) Benzaldehyde	7.151	77	708592m	38.952	ng/ul	
8) Phenol	7.198	94	1255561	31.141	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.440	93	967831	30.852	ng/ul	98
12) 2-Chlorophenol	7.575	128	966232	33.026	ng/ul	98
13) 2-Methylphenol	8.457	108	930878	31.411	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1119062	30.098	ng/ul	98
16) Acetophenone	8.845	105	1485726	30.858	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.839	70	735726	31.669	ng/ul	96
18) 4-Methylphenol	8.792	108	1025424	31.998	ng/ul	98
19) Hexachloroethane	9.104	117	368273	31.077	ng/ul	94
22) Nitrobenzene	9.228	77	1096645	31.672	ng/ul	97
23) Isophorone	9.763	82	2031420	28.774	ng/ul	98
25) 2-Nitrophenol	9.939	139	509436	35.309	ng/ul	98
26) 2,4-Dimethylphenol	9.998	107	1084631	30.480	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.239	93	1270262	30.187	ng/ul	100
29) 2,4-Dichlorophenol	10.475	162	898554	31.573	ng/ul	99
30) Naphthalene	10.881	128	3080780	29.351	ng/ul	100
32) 4-Chloroaniline	10.986	127	1226886	26.402	ng/ul	100
33) Hexachlorobutadiene	11.163	225	499962	28.723	ng/ul	99
34) Caprolactam	11.780	113	269672m	29.211	ng/ul	
35) 4-Chloro-3-methylphenol	12.104	107	969600	30.863	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.480	142	2068262	29.575	ng/ul	99
37) 1-Methylnaphthalene	12.698	142	2088624	29.709	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	994557	29.618	ng/ul	98
40) Hexachlorocyclopentadiene	12.827	237	443750	25.357	ng/ul	98
41) 2,4,6-Trichlorophenol	13.080	196	654599	31.838	ng/ul	97
42) 2,4,5-Trichlorophenol	13.151	196	712139	32.306	ng/ul	99
43) 1,1'-Biphenyl	13.480	154	2610905	29.854	ng/ul	99
44) 2-Chloronaphthalene	13.527	162	2049337	29.862	ng/ul	99
45) 2-Nitroaniline	13.727	65	592246	35.062	ng/ul	97
47) Dimethylphthalate	14.104	163	2515617	29.638	ng/ul	99
48) 2,6-Dinitrotoluene	14.221	165	488649	35.410	ng/ul	95
50) Acenaphthylene	14.369	152	3159211	29.114	ng/ul	99
51) 3-Nitroaniline	14.545	138	523548	31.633	ng/ul#	96
52) Acenaphthene	14.704	153	2220219	29.242	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	185278	30.259	ng/ul	98
55) 4-Nitrophenol	14.845	109	354014	26.684	ng/ul	98
56) Dibenzofuran	15.039	168	2959133	29.020	ng/ul	97
57) 2,4-Dinitrotoluene	14.998	165	687156	34.252	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.263	232	559707	30.332	ng/ul	98
59) Diethylphthalate	15.463	149	2509637	29.536	ng/ul	100
61) Fluorene	15.686	166	2536898	29.212	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.680	204	1208258	29.092	ng/ul	98
63) 4-Nitroaniline	15.704	138	515861	32.081	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	319221	32.406	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	2068202	31.827	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	660674	30.380	ng/ul	99
69) Hexachlorobenzene	16.686	284	752990	29.275	ng/ul	98
70) Atrazine	16.845	200	670511	29.240	ng/ul	98
71) Pentachlorophenol	17.027	266	416962	27.291	ng/ul	99
72) Phenanthrene	17.421	178	3687490	30.343	ng/ul	100
74) Anthracene	17.509	178	3716784	30.089	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.445	216	1029639	34.120	ng/uL	100
76) Pentachlorobenzene	14.957	250	912721	27.964	ng/uL	99
77) Carbazole	17.780	167	3236626	28.300	ng/ul	100
78) Di-n-butylphthalate	18.345	149	4063160	31.345	ng/ul	99
80) Fluoranthene	19.427	202	3648259	39.795	ng/ul	100
82) Pyrene	19.792	202	3767611	38.825	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1427826	38.830	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.462	252	934262	31.442	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2993505	31.418	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	2133107	39.712	ng/ul	99
87) Chrysene	21.586	228	2772019	30.650	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	3052533	39.293	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	2686651	32.879	ng/ul	100
91) Benzo(k)fluoranthene	23.291	252	2564243	31.405	ng/ul	99
93) Benzo(a)pyrene	23.880	252	2290938	31.892	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.532	276	2565627	30.584	ng/ul	97
95) Dibenzo(a,h)anthracene	26.550	278	2344256	30.814	ng/ul	99
96) Benzo(g,h,i)perylene	27.315	276	2198357	30.229	ng/ul	99

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

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