Quantitation Report (Qedit)

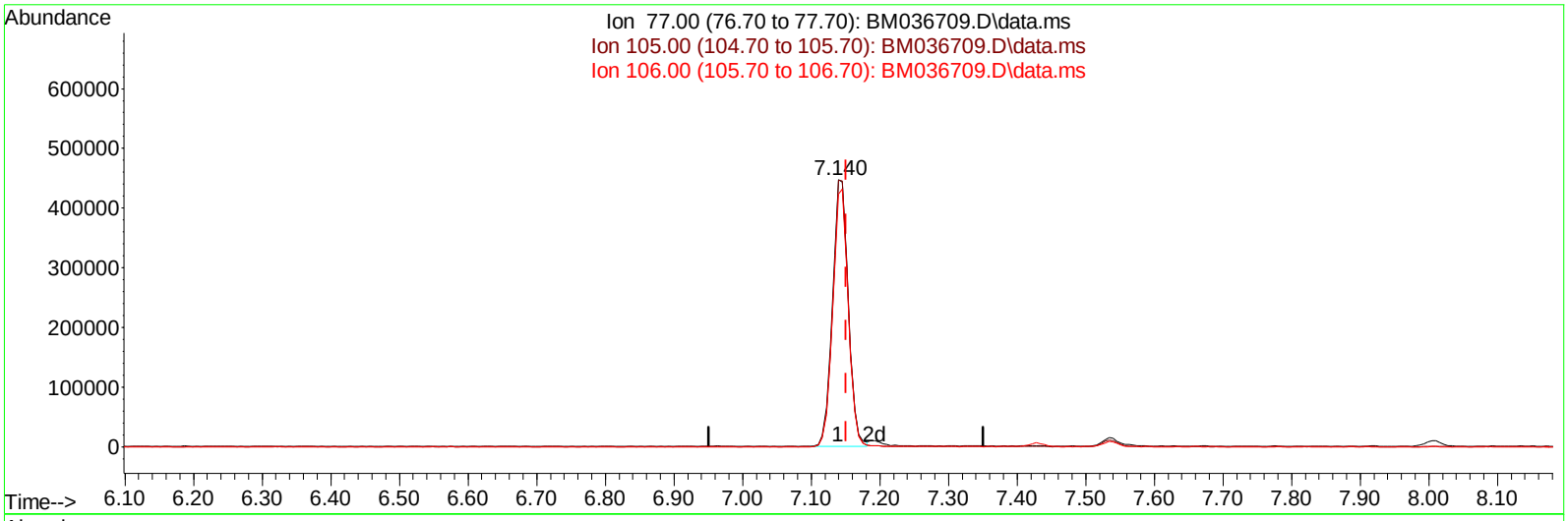
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036709.D
Acq On : 24 Sep 2022 11:31
Operator : CG/JU
Sample : PB147690BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

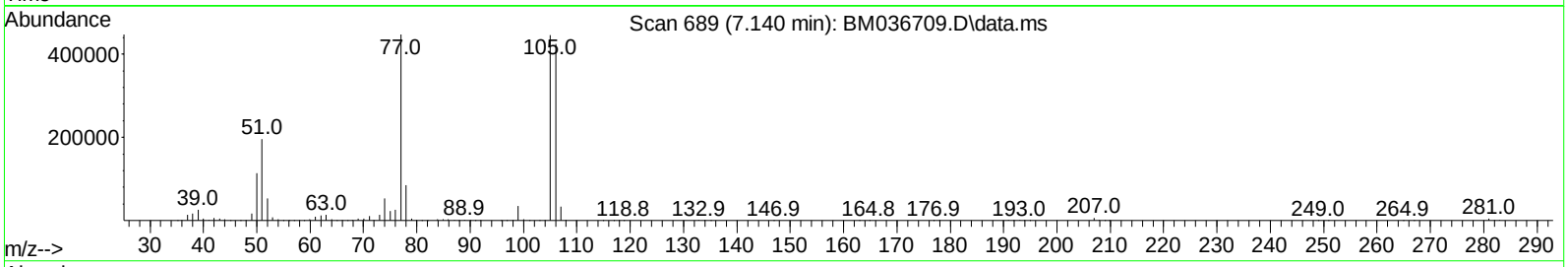
Quant Time: Sep 26 01:10:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 00:41:16 2022
Response via : Initial Calibration

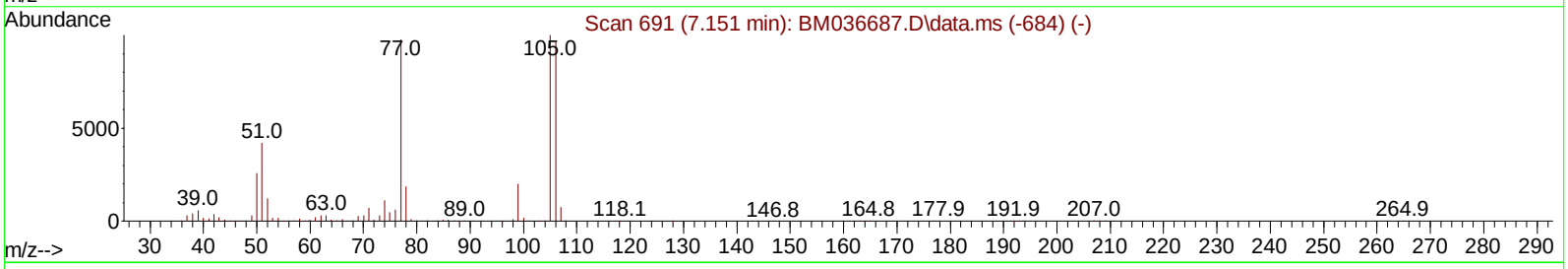
Instrument :
BNA_M
ClientSampleId :
SLCS690

Manual IntegrationsAPPROVED

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







TIC: BM036709.D\data.ms

(6) Benzaldehyde

7.140min (-0.012) 42.17 ng/ul

response 712419

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	99.79
106.00	91.30	94.78
0.00	0.00	0.00

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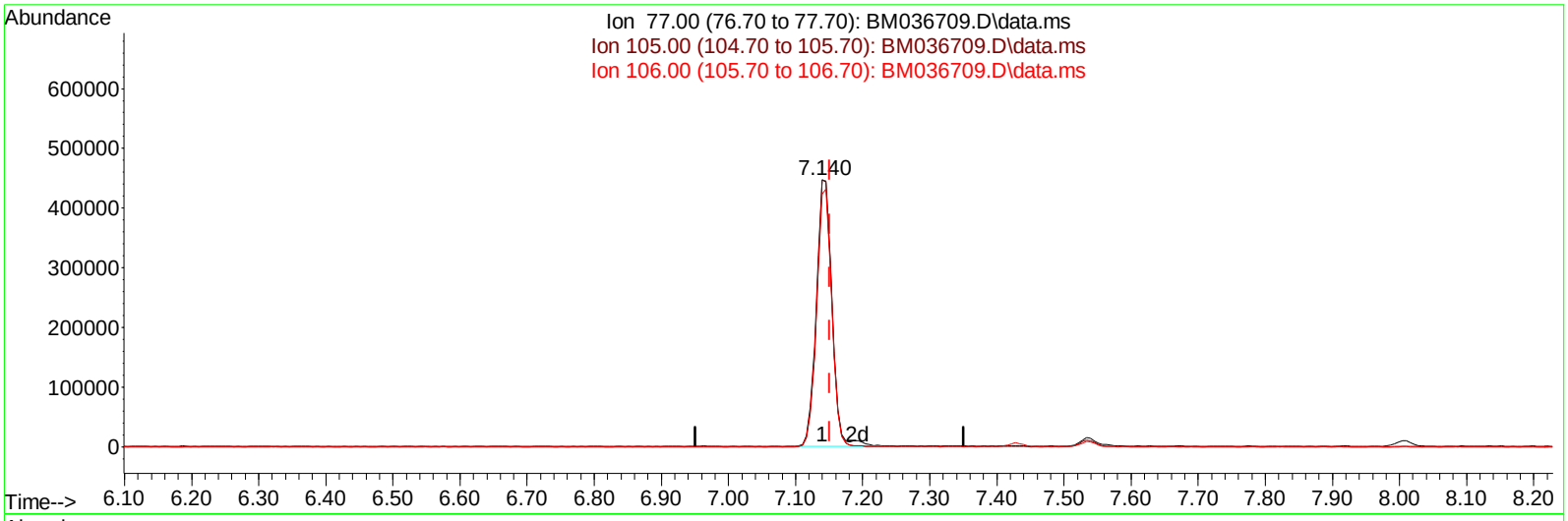

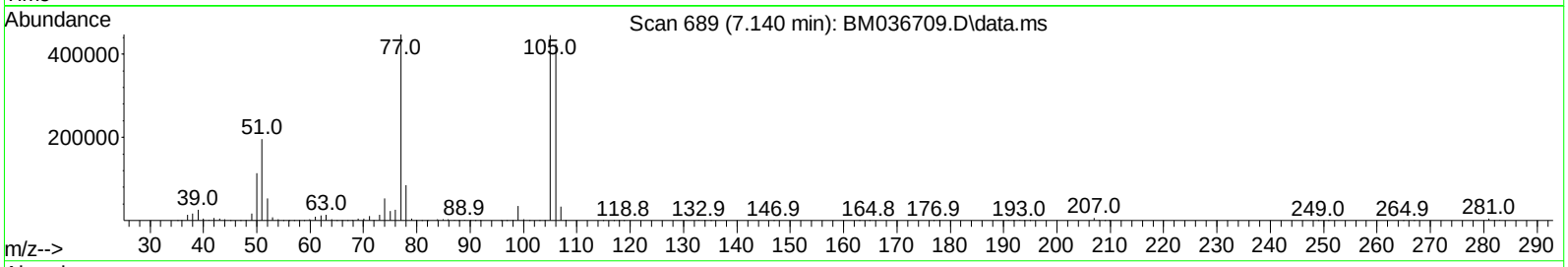

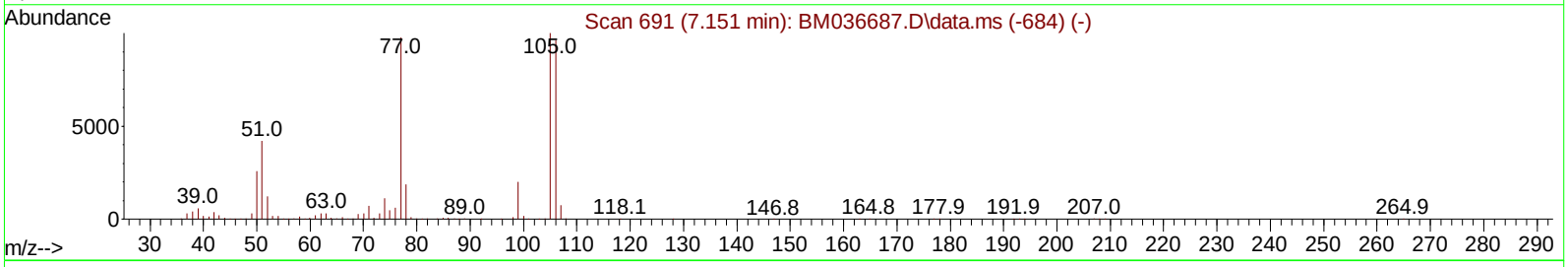

TIC: BM036709.D\data.ms

(6) Benzaldehyde

7.140min (-0.012) 43.01 ng/ul m

response 726626

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	99.79
106.00	91.30	94.78
0.00	0.00	0.00

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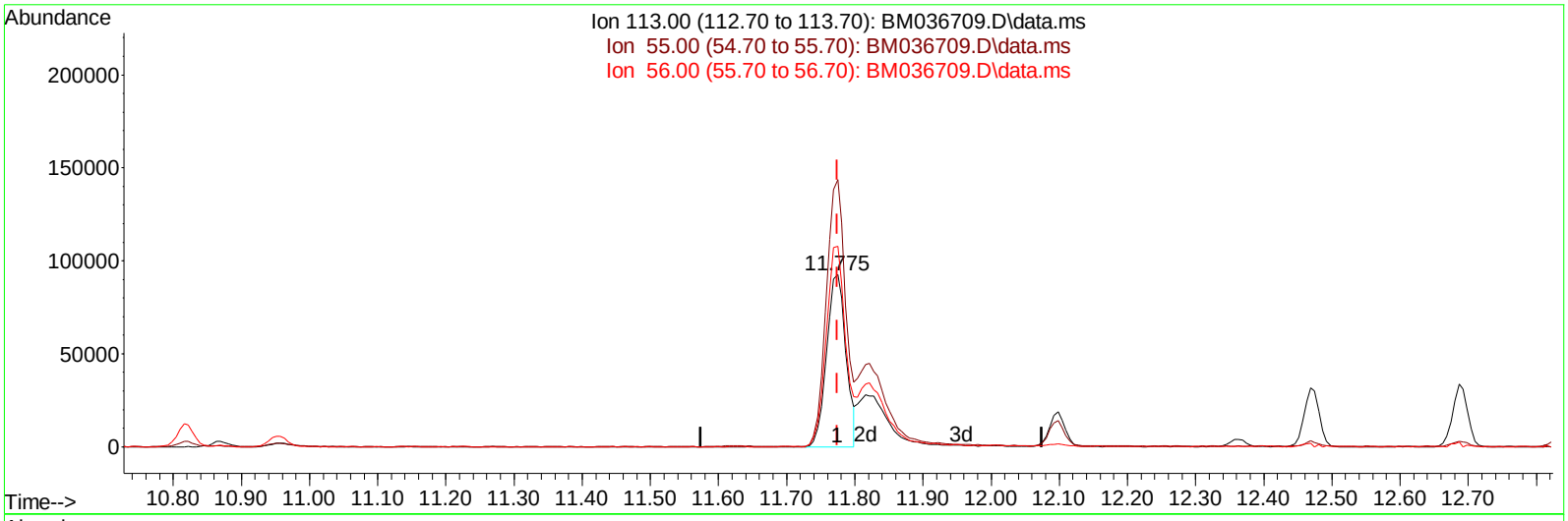

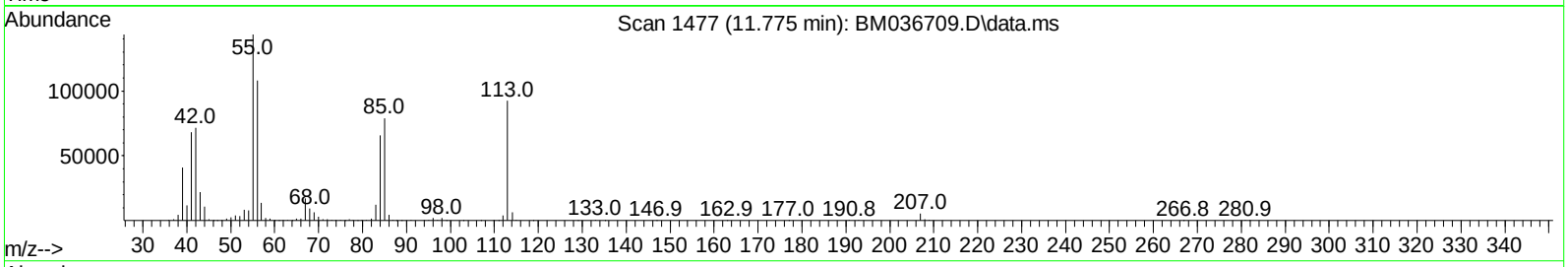

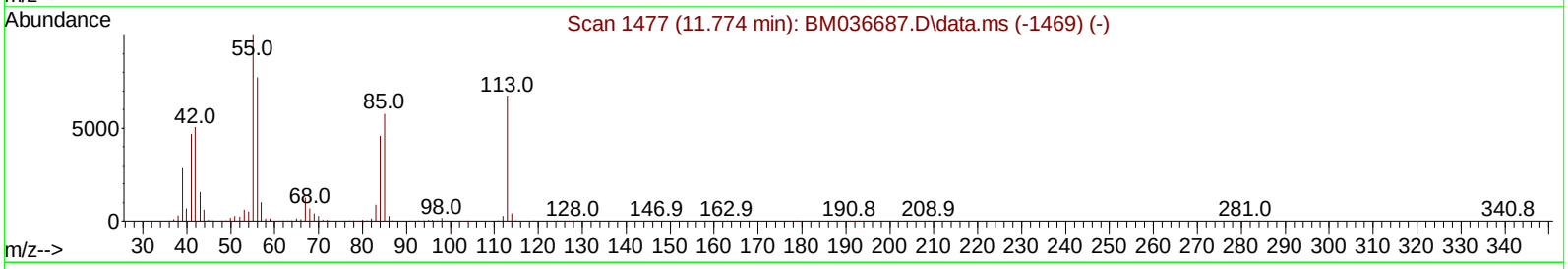

TIC: BM036709.D\data.ms

(34) Caprolactam

11.775min (+ 0.000) 20.41 ng/ul

response 181734

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	155.25
56.00	118.30	116.73
0.00	0.00	0.00

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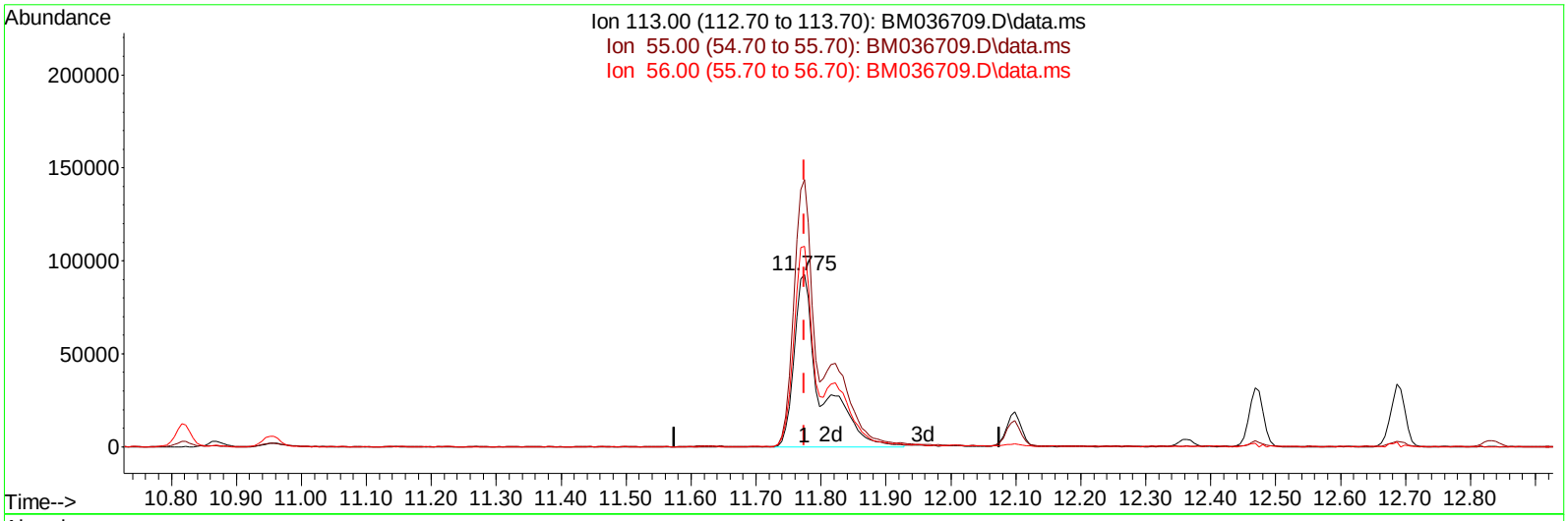

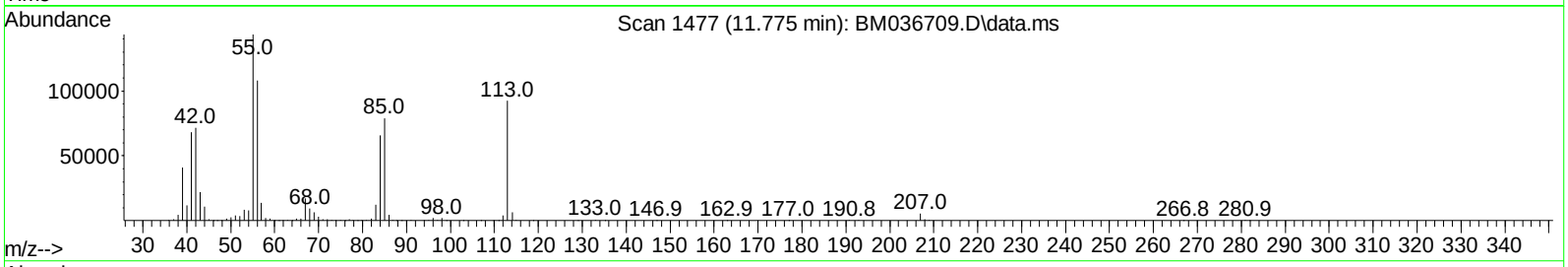

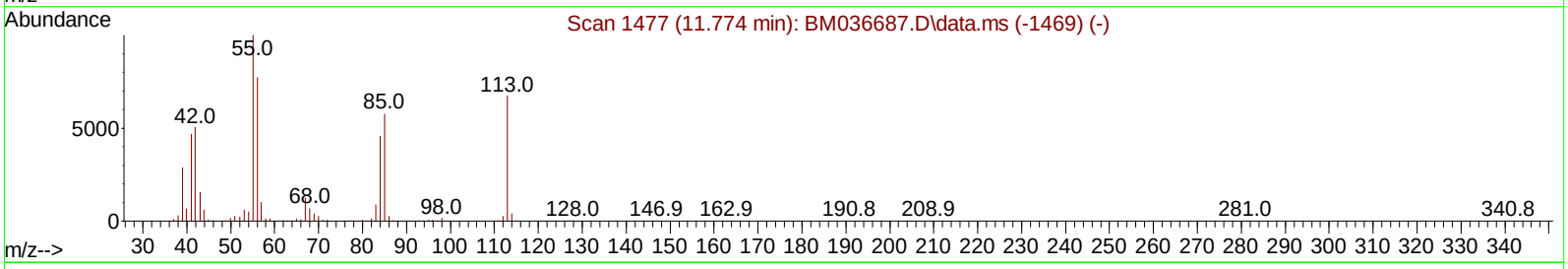

TIC: BM036709.D\data.ms

(34) Caprolactam

11.775min (+ 0.000) 30.07 ng/ul m

response 267740

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	155.25
56.00	118.30	116.73
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	8.004	152	390386	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1858524	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.633	164	1190266	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2354954	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1784626	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1515409	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	52896	5.079	ng/uL	0.00
4) Pyridine-d5	3.810	84	621539	20.465	ng/ul	0.00
7) Phenol-d5	7.163	99	1111091	31.849	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	665684	31.420	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	858075	34.163	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	882521	34.236	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	431717	34.319	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	436586	38.747	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	847787	32.466	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	987491	22.745	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2470722	30.778	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2997382	31.478	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	456835	29.340	ng/ul	0.00
60) Fluorene-d10	15.621	176	2169835	30.162	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	308049	33.062	ng/ul	0.00
73) Anthracene-d10	17.468	188	3204537	29.761	ng/ul	0.00
81) Pyrene-d10	19.751	212	3318266	37.795	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	2369834	32.009	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	112398	10.020	ng/uL	98
5) Pyridine	3.834	79	793786	26.015	ng/ul	94
6) Benzaldehyde	7.140	77	726626m	43.012	ng/ul	
8) Phenol	7.193	94	1163269	31.068	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.428	93	899578	30.879	ng/ul	100
12) 2-Chlorophenol	7.569	128	888288	32.694	ng/ul	98
13) 2-Methylphenol	8.451	108	871990	31.684	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.545	45	1048408	30.364	ng/ul	97
16) Acetophenone	8.840	105	1396657	31.236	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.828	70	698005	32.353	ng/ul	95
18) 4-Methylphenol	8.781	108	962727	32.349	ng/ul	99
19) Hexachloroethane	9.092	117	340887	30.976	ng/ul	96
22) Nitrobenzene	9.216	77	1038026	31.080	ng/ul	98
23) Isophorone	9.751	82	1960322	28.786	ng/ul	99
25) 2-Nitrophenol	9.928	139	487223	35.009	ng/ul	99
26) 2,4-Dimethylphenol	9.987	107	995555	29.004	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.228	93	1215998	29.958	ng/ul	98
29) 2,4-Dichlorophenol	10.463	162	856845	31.212	ng/ul	100
30) Naphthalene	10.869	128	2923849	28.879	ng/ul	100
32) 4-Chloroaniline	10.981	127	1186871	26.479	ng/ul	99
33) Hexachlorobutadiene	11.151	225	470890	28.046	ng/ul	99
34) Caprolactam	11.775	113	267740m	30.067	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	949984	31.349	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.469	142	2005085	29.724	ng/ul	100
37) 1-Methylnaphthalene	12.686	142	2029539	29.928	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	962361	28.566	ng/ul	98
40) Hexachlorocyclopentadiene	12.816	237	362838	20.666	ng/ul	99
41) 2,4,6-Trichlorophenol	13.075	196	642428	31.144	ng/ul	99
42) 2,4,5-Trichlorophenol	13.145	196	707196	31.977	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	2570555	29.297	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	2007344	29.155	ng/ul	99
45) 2-Nitroaniline	13.716	65	597556	35.261	ng/ul	98
47) Dimethylphthalate	14.092	163	2485337	29.186	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	488354	35.274	ng/ul	98
50) Acenaphthylene	14.357	152	3144093	28.880	ng/ul	99
51) 3-Nitroaniline	14.539	138	563407	33.931	ng/ul#	96
52) Acenaphthene	14.698	153	2194654	28.811	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	180215	29.336	ng/ul	97
55) 4-Nitrophenol	14.839	109	366832	27.560	ng/ul	99
56) Dibenzofuran	15.027	168	2968092	29.014	ng/ul	97
57) 2,4-Dinitrotoluene	14.992	165	705615	35.058	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.251	232	551590	29.795	ng/ul#	94
59) Diethylphthalate	15.451	149	2508375	29.425	ng/ul	100
61) Fluorene	15.674	166	2544987	29.210	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.669	204	1213797	29.130	ng/ul	100
63) 4-Nitroaniline	15.698	138	573714	35.562	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.751	198	317593	30.207	ng/ul	99
67) N-Nitrosodiphenylamine	15.880	169	2063238	29.747	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	664725	28.638	ng/ul	98
69) Hexachlorobenzene	16.674	284	770275	28.057	ng/ul	99
70) Atrazine	16.833	200	523603	21.393	ng/ul	98
71) Pentachlorophenol	17.015	266	424661	26.041	ng/ul	99
72) Phenanthrene	17.415	178	3795977	29.264	ng/ul	100
74) Anthracene	17.504	178	3785804	28.714	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.439	216	1007997	31.295	ng/uL	99
76) Pentachlorobenzene	14.945	250	910254	26.129	ng/uL	99
77) Carbazole	17.774	167	3389014	27.763	ng/ul	99
78) Di-n-butylphthalate	18.339	149	4208231	30.416	ng/ul	99
80) Fluoranthene	19.421	202	3991530	37.101	ng/ul	98
82) Pyrene	19.780	202	4132770	36.290	ng/ul	99
83) Butylbenzylphthalate	20.674	149	1651921	38.280	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.451	252	1088282	31.209	ng/ul	98
85) Benzo(a)anthracene	21.521	228	3432728	30.700	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	2498550	39.636	ng/ul	100
87) Chrysene	21.574	228	3154604	29.723	ng/ul	100
89) Di-n-octyl phthalate	22.386	149	3704826	40.552	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2960830	30.811	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	2973382	30.965	ng/ul	98
93) Benzo(a)pyrene	23.862	252	2572198	30.448	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.509	276	2869575	29.087	ng/ul	96
95) Dibenzo(a,h)anthracene	26.527	278	2644923	29.563	ng/ul	99
96) Benzo(g,h,i)perylene	27.285	276	2475860	28.949	ng/ul	98

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

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