Quantitation Report (Qedit)

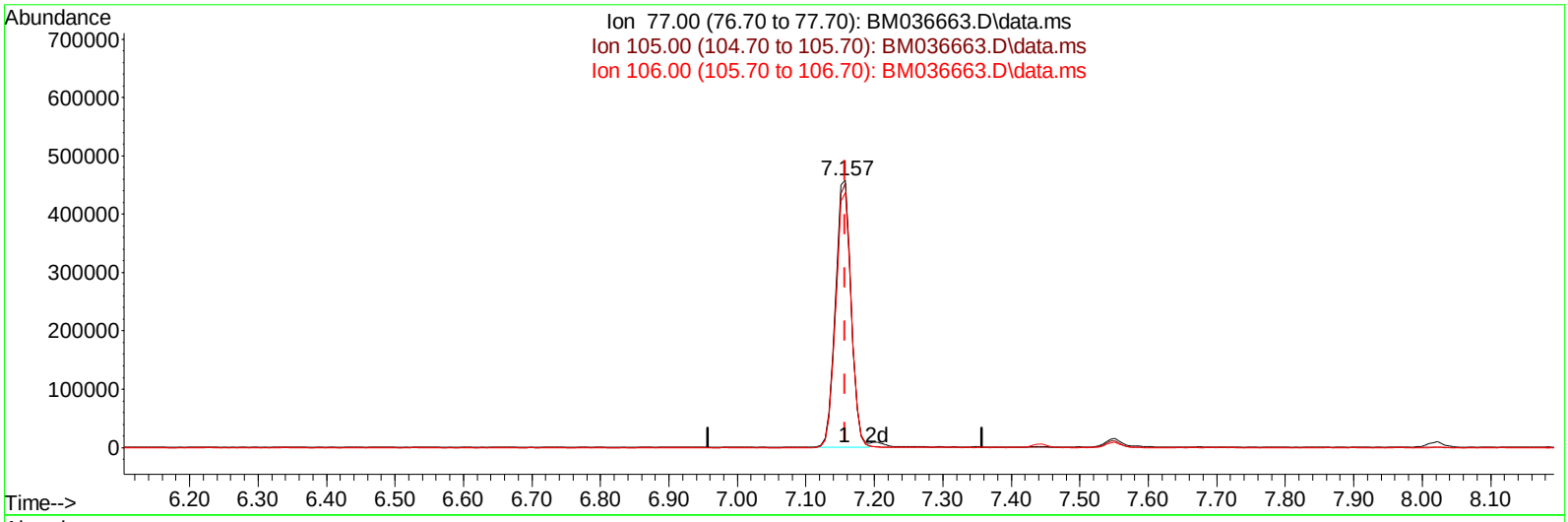
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036663.D
Acq On : 22 Sep 2022 15:20
Operator : CG/JU
Sample : PB147771BS
Misc :
ALS Vial : 49 Sample Multiplier: 1

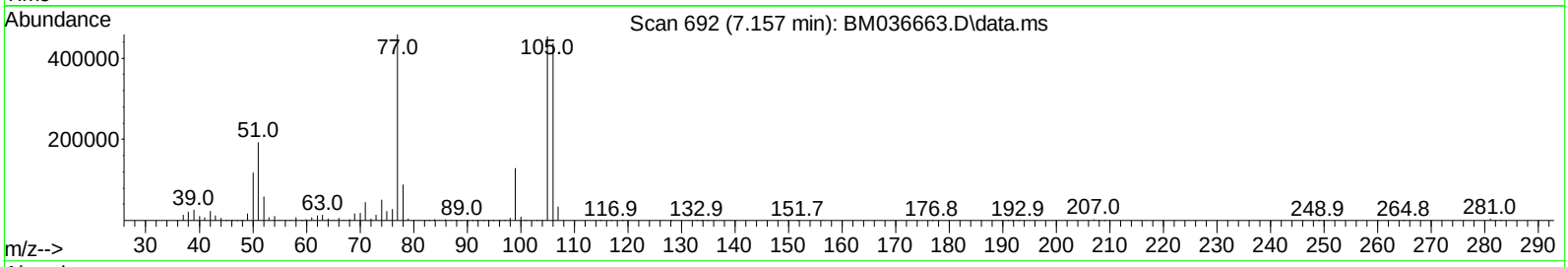
Quant Time: Sep 23 01:01:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

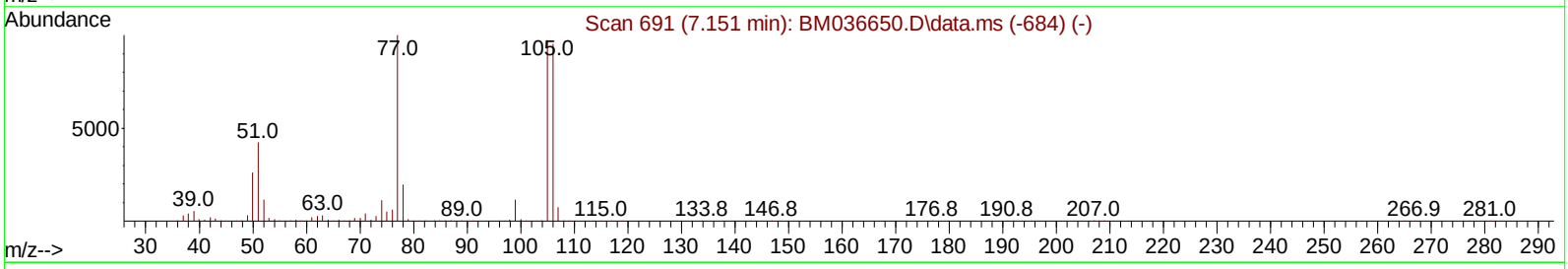
Instrument :
BNA_M
ClientSampleId :
SLCS771

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/23/2022
Supervised By :mohammad ahmed 09/23/2022







TIC: BM036663.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 43.07 ng/ul

response 725631

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.83
106.00	91.30	95.43
0.00	0.00	0.00

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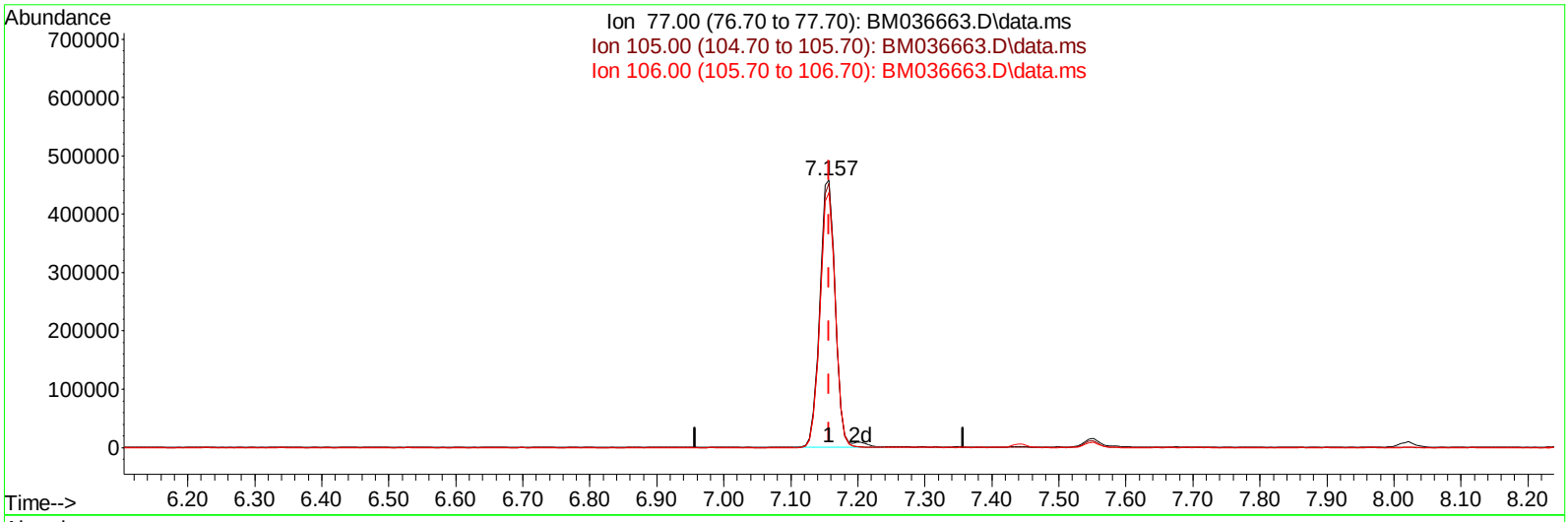

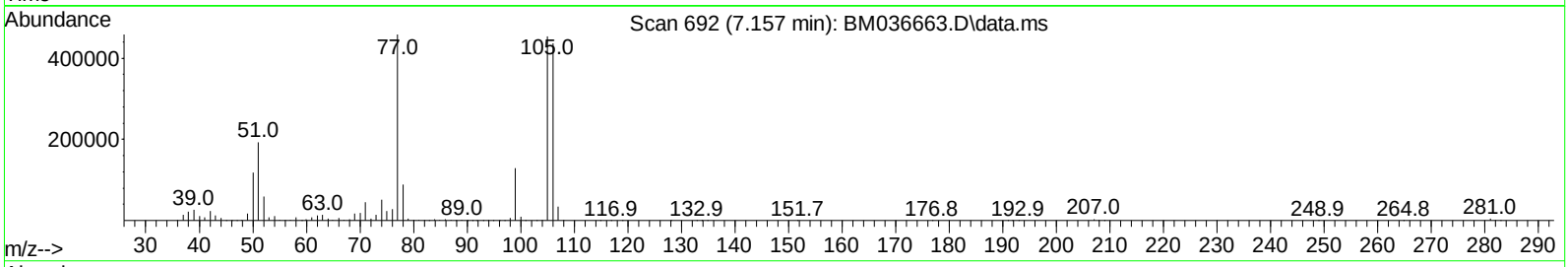

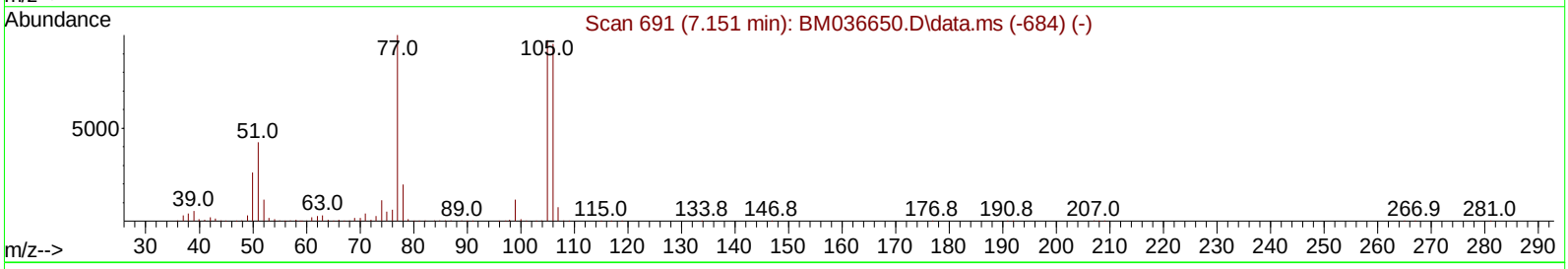

TIC: BM036663.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 43.88 ng/ul m

response 739129

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	98.83
106.00	91.30	95.43
0.00	0.00	0.00

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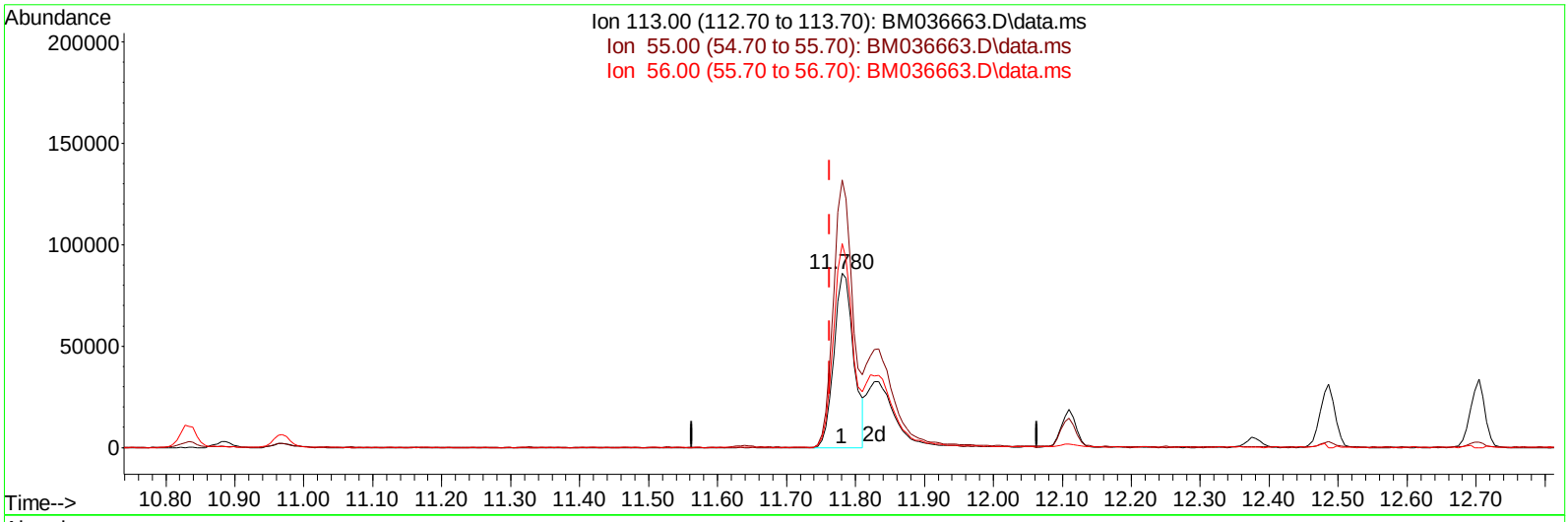

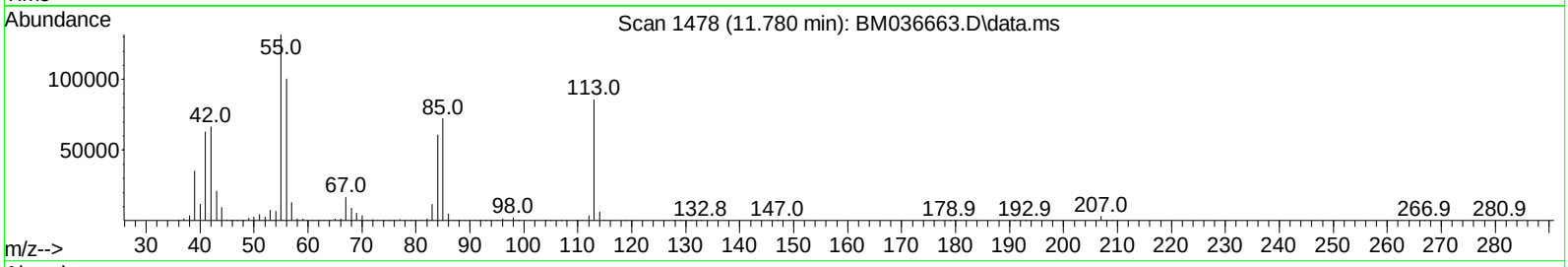

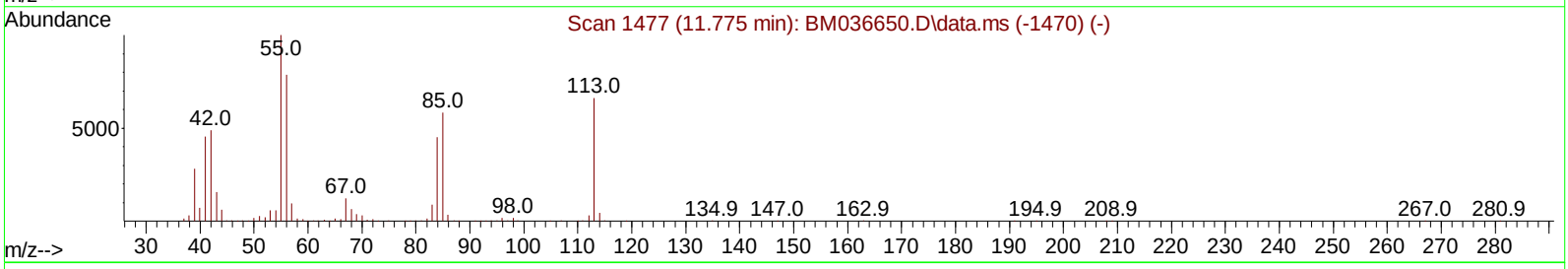

TIC: BM036663.D\data.ms

(34) Caprolactam

11.780min (+ 0.017) 20.55 ng/ul

response 170339

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	153.49
56.00	118.30	117.12
0.00	0.00	0.00

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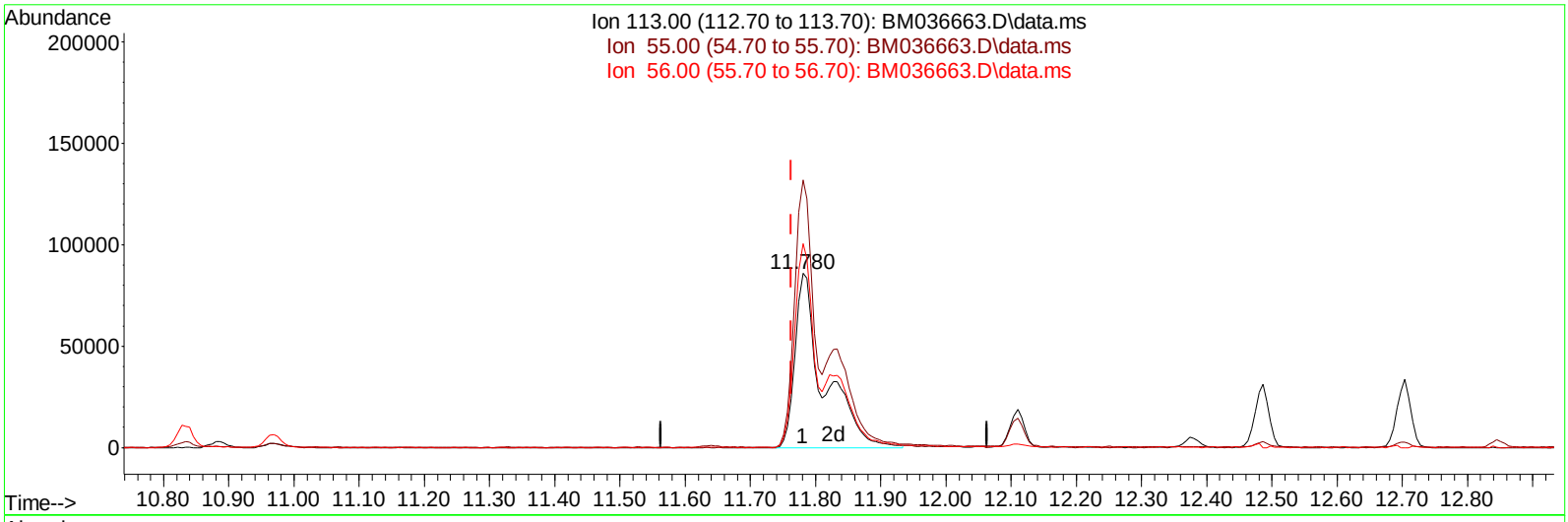

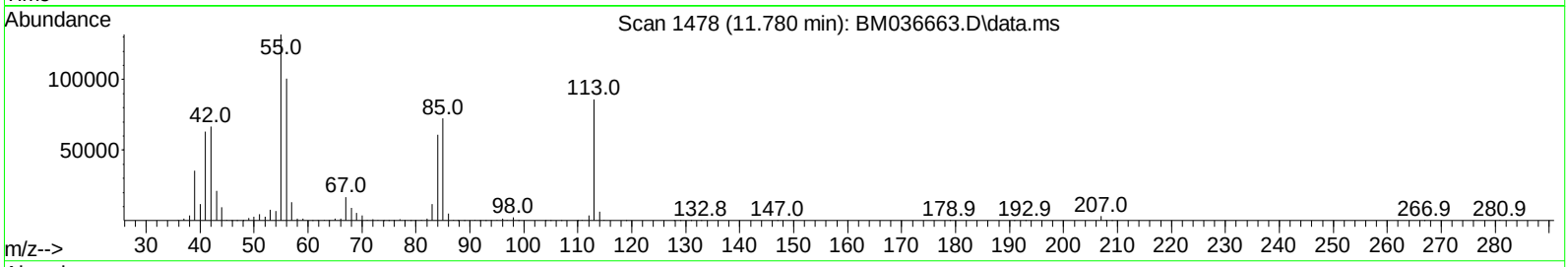

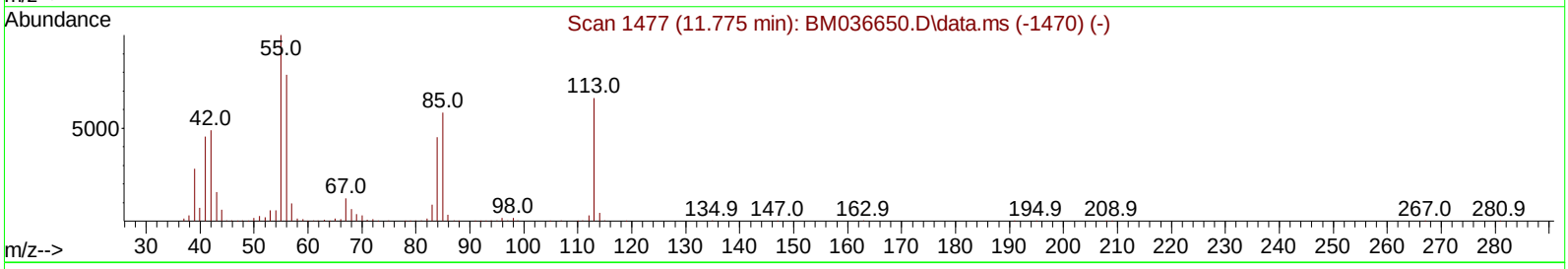

TIC: BM036663.D\data.ms

(34) Caprolactam

11.780min (+ 0.017) 31.58 ng/ul m

response 261844

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	153.49
56.00	118.30	117.12
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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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	8.022	152	389283	20.000	ng/ul	0.00
20) Naphthalene-d8	10.833	136	1730241	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	1058878	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	2084462	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1592972	20.000	ng/ul	0.00
88) Perylene-d12	23.991	264	1275093	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	58946	5.676	ng/uL	0.00
4) Pyridine-d5	3.822	84	756488	24.979	ng/ul	0.00
7) Phenol-d5	7.175	99	1185958	34.091	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.345	67	694350	32.866	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	924739	36.922	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	927518	36.083	ng/ul	0.00
21) Nitrobenzene-d5	9.186	128	450629	38.479	ng/ul	0.00
24) 2-Nitrophenol-d4	9.910	143	457085	43.574	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	882787	36.313	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	998907	24.714	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	2432768	34.065	ng/ul	0.00
49) Acenaphthylene-d8	14.339	160	3007292	35.501	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	472671	34.124	ng/ul	0.01
60) Fluorene-d10	15.633	176	2162318	33.787	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	322574	39.114	ng/ul	0.00
73) Anthracene-d10	17.480	188	3223718	33.825	ng/ul	0.00
81) Pyrene-d10	19.762	212	3346207	42.699	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.833	264	2232256	35.833	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	118929	10.632	ng/uL	97
5) Pyridine	3.840	79	787323	25.876	ng/ul	95
6) Benzaldehyde	7.157	77	739129m	43.876	ng/ul	
8) Phenol	7.204	94	1180854	31.627	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.440	93	895992	30.843	ng/ul	99
12) 2-Chlorophenol	7.581	128	905633	33.427	ng/ul	98
13) 2-Methylphenol	8.463	108	873525	31.830	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1036728	30.110	ng/ul	98
16) Acetophenone	8.851	105	1385577	31.076	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.839	70	683523	31.771	ng/ul	95
18) 4-Methylphenol	8.798	108	960009	32.349	ng/ul	99
19) Hexachloroethane	9.110	117	349698	31.866	ng/ul	94
22) Nitrobenzene	9.228	77	1024778	32.958	ng/ul	98
23) Isophorone	9.763	82	1905262	30.052	ng/ul	100
25) 2-Nitrophenol	9.945	139	474906	36.654	ng/ul	100
26) 2,4-Dimethylphenol	10.004	107	999661	31.282	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	1163249	30.783	ng/ul	99
29) 2,4-Dichlorophenol	10.475	162	843210	32.993	ng/ul	100
30) Naphthalene	10.886	128	2904424	30.814	ng/ul	99
32) 4-Chloroaniline	10.992	127	969804	23.240	ng/ul	99
33) Hexachlorobutadiene	11.169	225	477695	30.561	ng/ul	99
34) Caprolactam	11.780	113	261844m	31.585	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	916318	32.480	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.486	142	1946060	30.988	ng/ul	100
37) 1-Methylnaphthalene	12.704	142	1956393	30.988	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.845	216	942052	31.433	ng/ul	98
40) Hexachlorocyclopentadiene	12.827	237	356748	22.841	ng/ul	99
41) 2,4,6-Trichlorophenol	13.086	196	613277	33.420	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	672582	34.186	ng/ul	100
43) 1,1'-Biphenyl	13.486	154	2463241	31.557	ng/ul	98
44) 2-Chloronaphthalene	13.527	162	1923876	31.410	ng/ul	99
45) 2-Nitroaniline	13.727	65	568665	37.720	ng/ul	99
47) Dimethylphthalate	14.104	163	2314797	30.556	ng/ul	100
48) 2,6-Dinitrotoluene	14.221	165	458077	37.192	ng/ul	98
50) Acenaphthylene	14.368	152	3009308	31.072	ng/ul	99
51) 3-Nitroaniline	14.551	138	535138	36.227	ng/ul#	96
52) Acenaphthene	14.710	153	2096082	30.931	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	197894	36.211	ng/ul	96
55) 4-Nitrophenol	14.851	109	362064	30.578	ng/ul	95
56) Dibenzofuran	15.045	168	2811486	30.893	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	662950	37.025	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.263	232	533449	32.390	ng/ul	97
59) Diethylphthalate	15.463	149	2340520	30.863	ng/ul	99
61) Fluorene	15.686	166	2408930	31.079	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.680	204	1129460	30.469	ng/ul	99
63) 4-Nitroaniline	15.710	138	563443	39.259	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	316212	33.978	ng/ul	98
67) N-Nitrosodiphenylamine	15.892	169	1977402	32.209	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	641790	31.238	ng/ul	97
69) Hexachlorobenzene	16.686	284	729273	30.011	ng/ul	98
70) Atrazine	16.845	200	374045	17.265	ng/ul	98
71) Pentachlorophenol	17.027	266	416386	28.847	ng/ul	98
72) Phenanthrene	17.427	178	3614582	31.482	ng/ul	100
74) Anthracene	17.515	178	3651600	31.290	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	976589	34.255	ng/uL	100
76) Pentachlorobenzene	14.963	250	857394	27.805	ng/uL	98
77) Carbazole	17.780	167	3286096	30.413	ng/ul	100
78) Di-n-butylphthalate	18.351	149	3962509	32.356	ng/ul	99
80) Fluoranthene	19.427	202	3840103	39.988	ng/ul	99
82) Pyrene	19.792	202	3978614	39.139	ng/ul	99
83) Butylbenzylphthalate	20.686	149	1583746	41.116	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.462	252	1000153	32.133	ng/ul	99
85) Benzo(a)anthracene	21.533	228	3229960	32.362	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	2358405	41.914	ng/ul	99
87) Chrysene	21.586	228	2969869	31.349	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	3508687	45.643	ng/ul	100
90) Benzo(b)fluoranthene	23.244	252	2693513	33.312	ng/ul	100
91) Benzo(k)fluoranthene	23.297	252	2670757	33.056	ng/ul	99
93) Benzo(a)pyrene	23.886	252	2321469	32.659	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.538	276	2585488	31.147	ng/ul	98
95) Dibenzo(a,h)anthracene	26.556	278	2369177	31.471	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	2240006	31.128	ng/ul	99

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

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