Quantitation Report (Qedit)

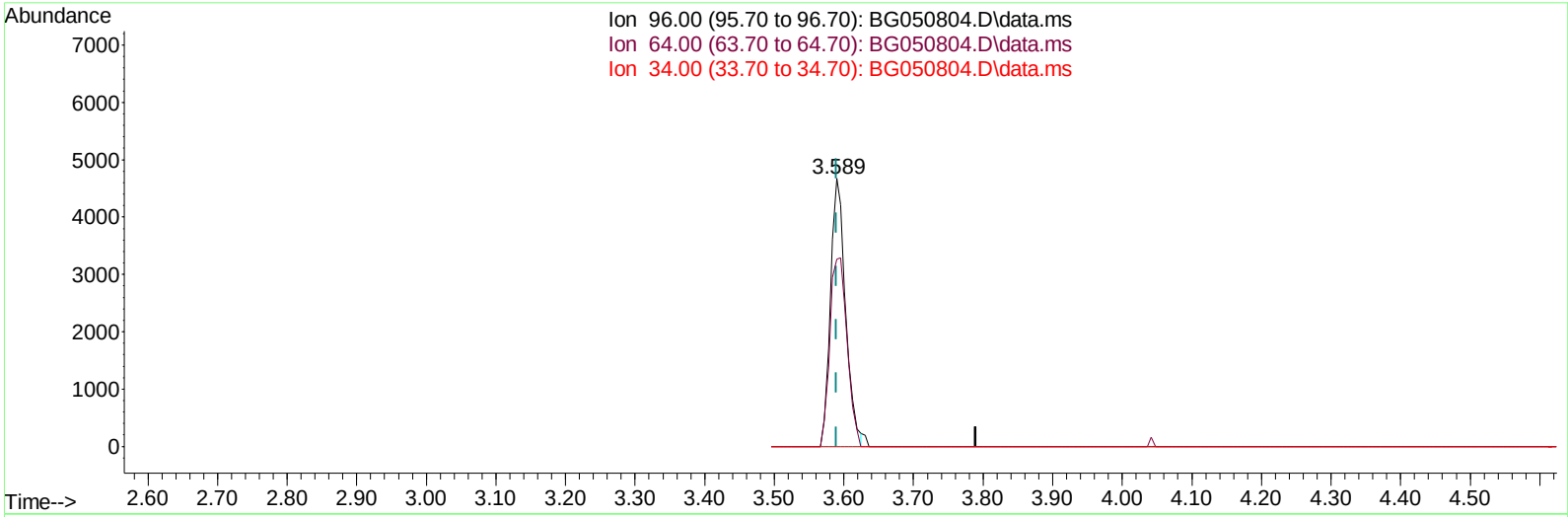
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110221\
Data File : BG050804.D
Acq On : 1 Nov 2021 20:08
Operator : CG/JU
Sample : SSTD02056
Misc :
ALS Vial : 4 Sample Multiplier: 1

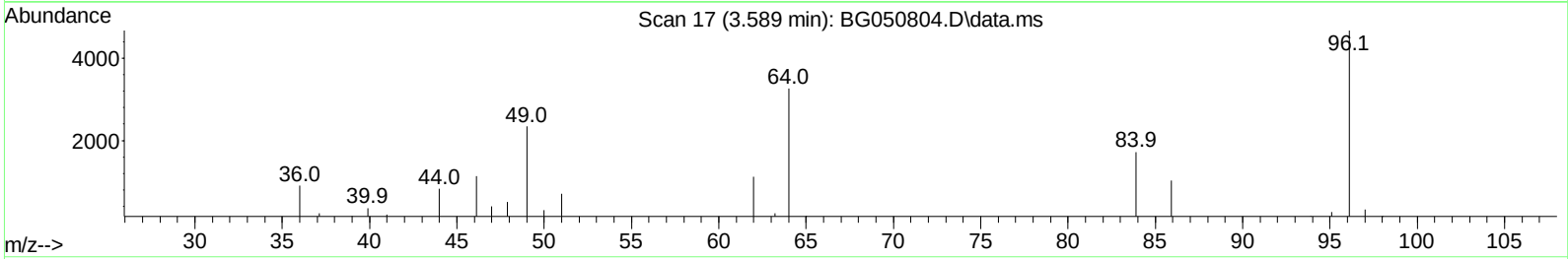
Quant Time: Nov 02 00:52:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 00:48:48 2021
Response via : Initial Calibration

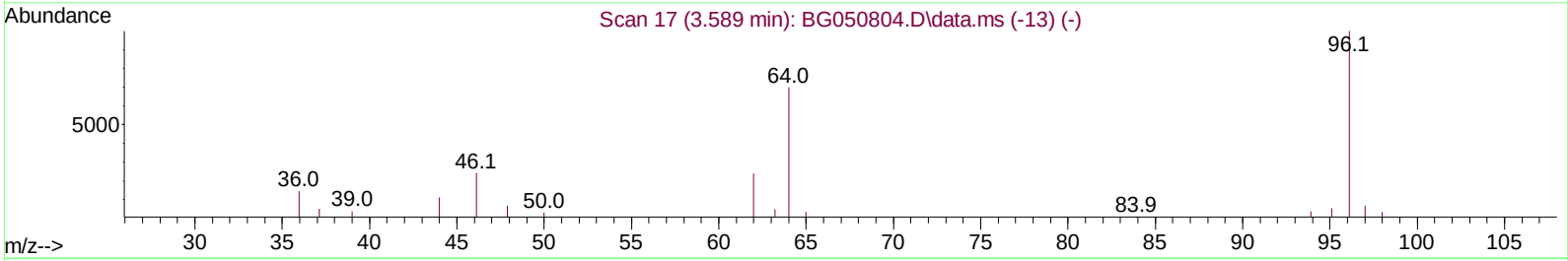
Instrument :
BNA_G
ClientSampleId :
SSTD020407

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/03/2021







TIC: BG050804.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.589min (0.000) 6.59 ng/uL

response 7110

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	70.00	69.99
34.00	0.00	0.00
0.00	0.00	0.00

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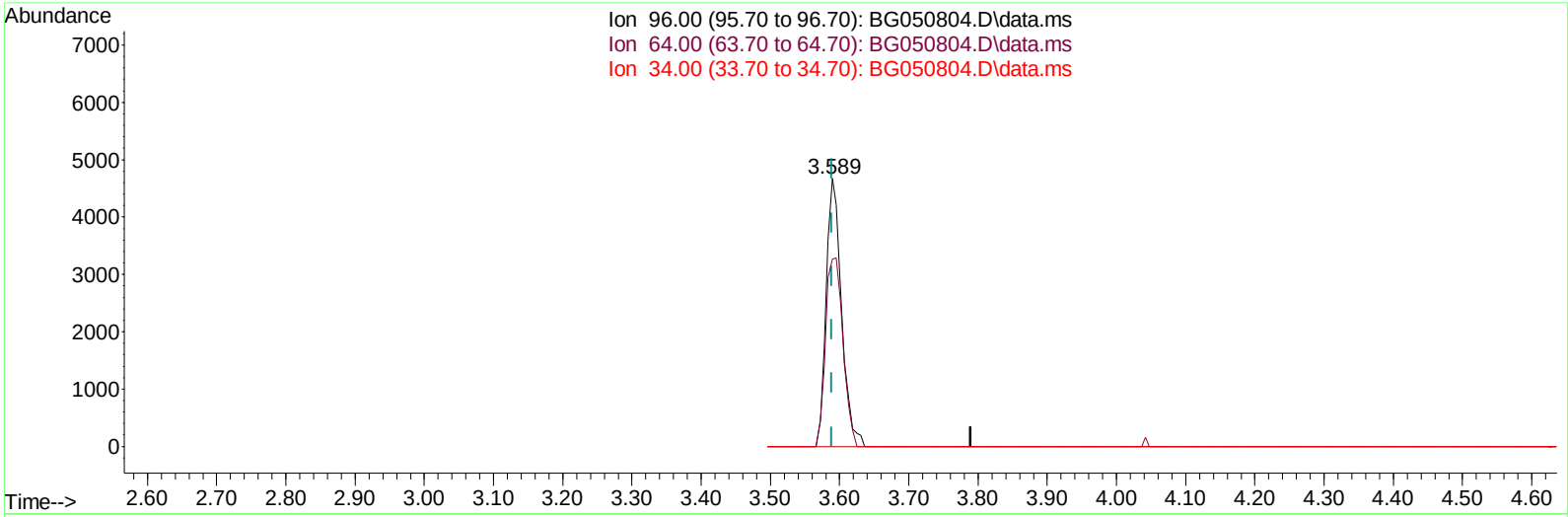

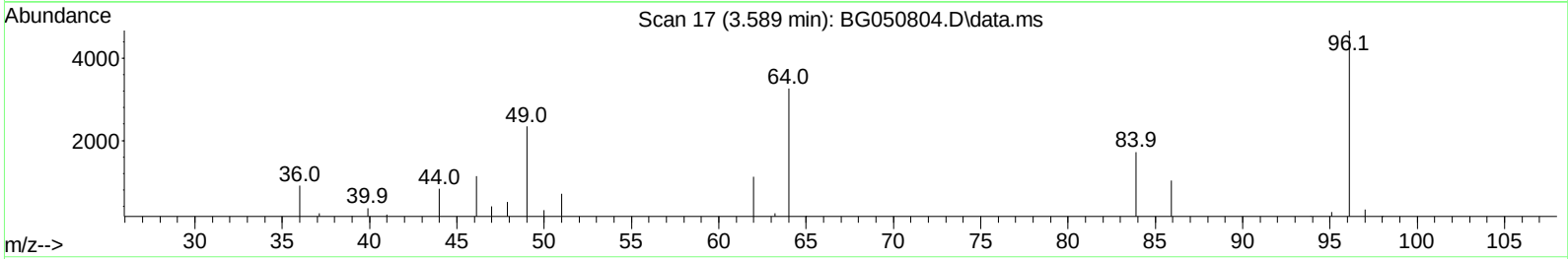

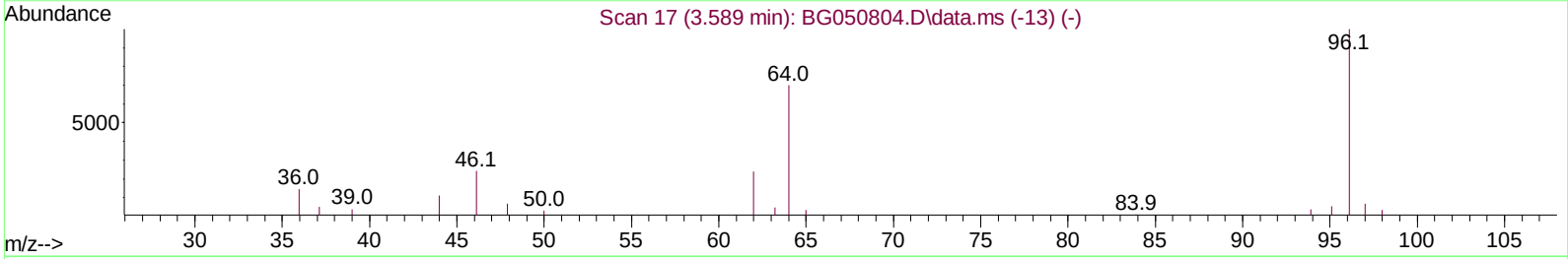

TIC: BG050804.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.589min (0.000) 6.65 ng/uL m

response 7180

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	70.00	69.99
34.00	0.00	0.00
0.00	0.00	0.00

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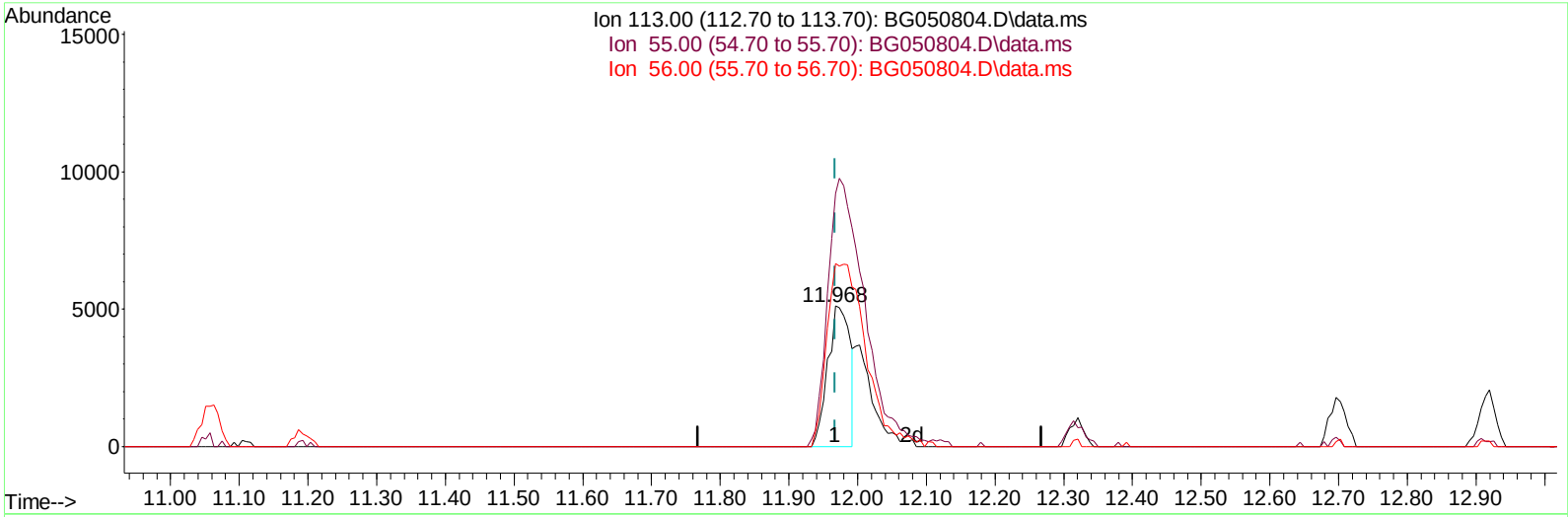

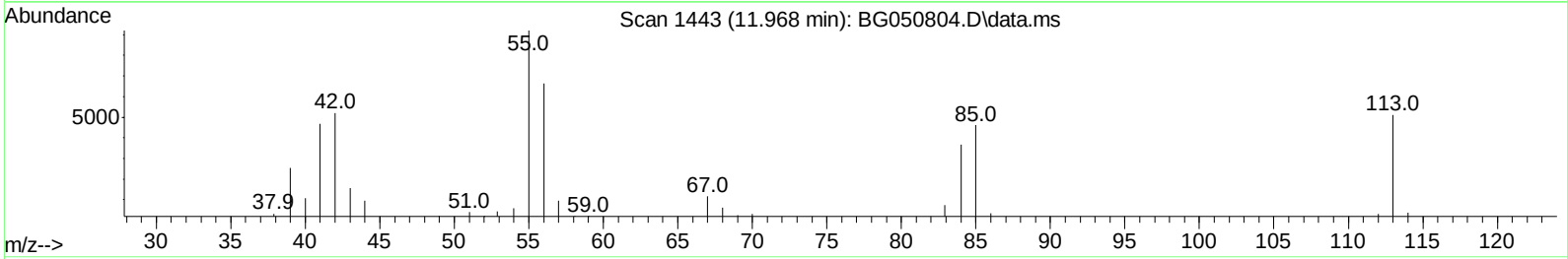

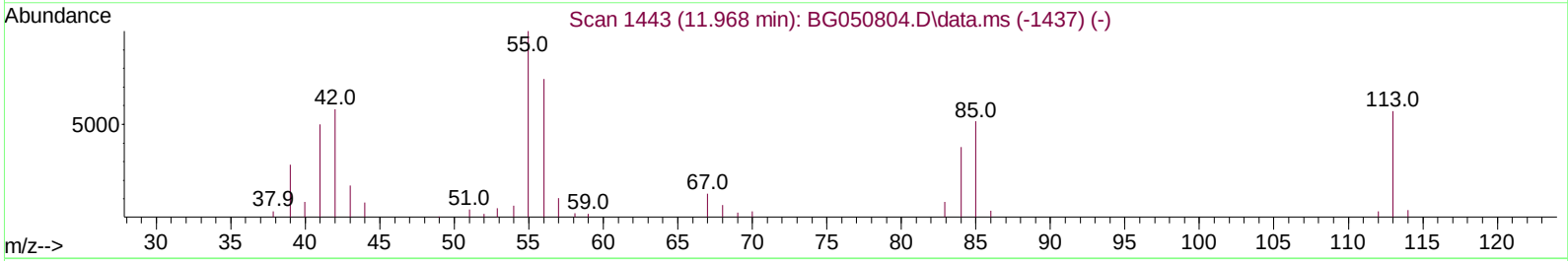

TIC: BG050804.D\data.ms

(34) Caprolactam

11.968min (0.000) 9.16 ng/ul

response 11383

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.90	179.93
56.00	130.00	130.00
0.00	0.00	0.00

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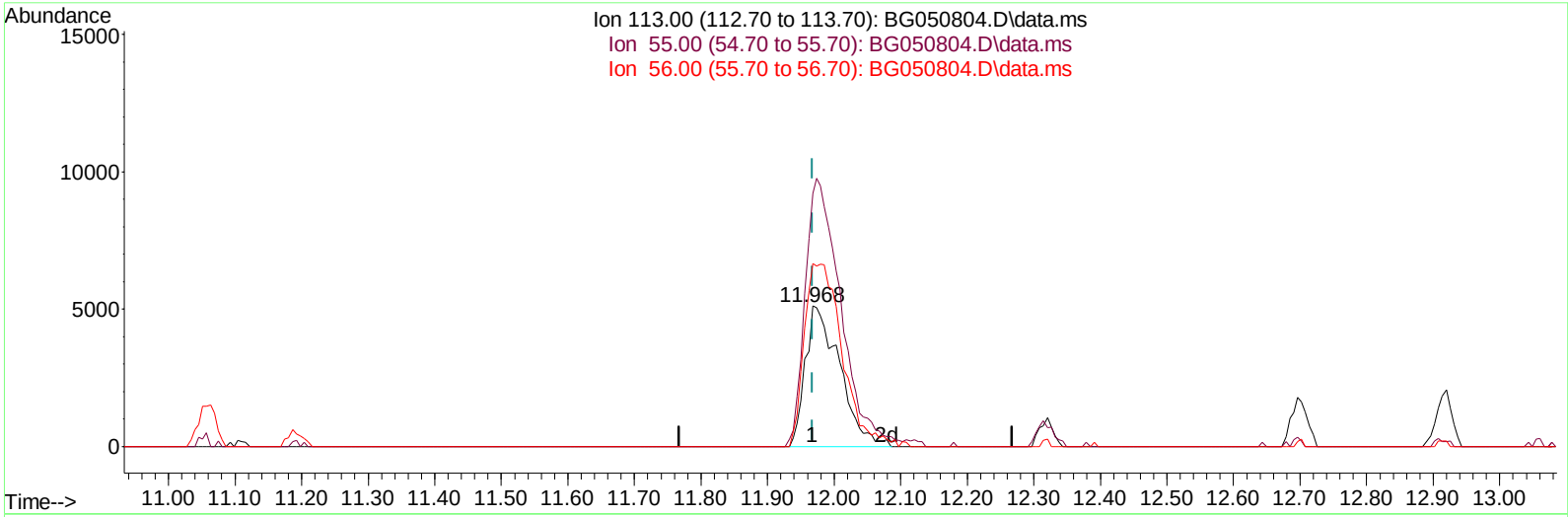

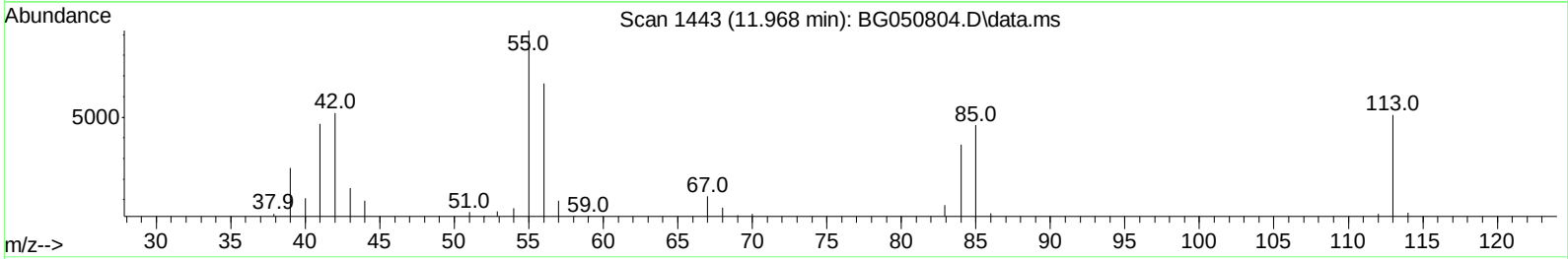

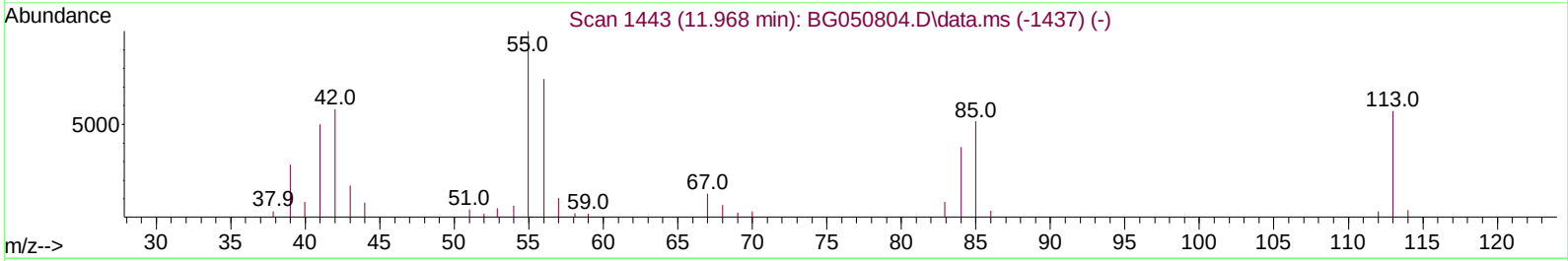

TIC: BG050804.D\data.ms

(34) Caprolactam

11.968min (0.000) 14.75 ng/ul m

response 18338

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.90	179.93
56.00	130.00	130.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/02/2021
Supervised By :mohammad ahmed 11/03/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.231	152	42522	20.000	ng/ul	0.00
20) Naphthalene-d8	11.057	136	205062	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.859	164	142624	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.602	188	322086	20.000	ng/ul	0.00
79) Chrysene-d12	21.903	240	255570	20.000	ng/ul	0.00
88) Perylene-d12	25.305	264	216170	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.589	96	7180m	6.653	ng/uL	0.00
4) Pyridine-d5	4.018	84	52827	15.457	ng/ul	0.00
7) Phenol-d5	7.379	99	63313	16.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.544	67	41293	16.243	ng/ul	0.00
11) 2-Chlorophenol-d4	7.761	132	44232	15.936	ng/ul	0.00
15) 4-Methylphenol-d8	8.930	113	49767	16.312	ng/ul	0.00
21) Nitrobenzene-d5	9.406	128	24255	15.496	ng/ul	0.00
24) 2-Nitrophenol-d4	10.129	143	27396	15.521	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.675	165	45005	14.519	ng/ul	0.00
31) 4-Chloroaniline-d4	11.192	131	67933	14.933	ng/ul	0.00
46) Dimethylphthalate-d6	14.248	166	149052	14.798	ng/ul	0.00
49) Acenaphthylene-d8	14.553	160	184304	14.733	ng/ul	0.00
54) 4-Nitrophenol-d4	15.041	143	25117	13.778	ng/ul	0.00
60) Fluorene-d10	15.846	176	130641	15.092	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.963	200	25199	13.369	ng/ul	0.00
73) Anthracene-d10	17.702	188	206316	14.940	ng/ul	0.00
81) Pyrene-d10	19.976	212	237361	16.297	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.070	264	189078	17.000	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.625	88	9133	6.822	ng/uL	100
5) Pyridine	4.036	79	55773	15.694	ng/ul	100
6) Benzaldehyde	7.367	77	48979	24.842	ng/ul	100
8) Phenol	7.403	94	64789	15.718	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.643	93	49514	15.922	ng/ul	100
12) 2-Chlorophenol	7.796	128	44952	16.113	ng/ul	100
13) 2-Methylphenol	8.666	108	47967	15.717	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.760	45	77495	15.784	ng/ul	100
16) Acetophenone	9.059	105	79115	16.558	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.036	70	48401	16.748	ng/ul	100
18) 4-Methylphenol	8.995	108	51019	15.850	ng/ul	100
19) Hexachloroethane	9.324	117	18874	15.678	ng/ul	100
22) Nitrobenzene	9.447	77	65880	14.482	ng/ul	100
23) Isophorone	9.970	82	128607	14.872	ng/ul	100
25) 2-Nitrophenol	10.164	139	27779	15.103	ng/ul	100
26) 2,4-Dimethylphenol	10.211	107	59423	14.778	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.446	93	68501	14.610	ng/ul	100
29) 2,4-Dichlorophenol	10.699	162	45213	15.097	ng/ul	100
30) Naphthalene	11.110	128	155370	14.853	ng/ul	100
32) 4-Chloroaniline	11.216	127	66653	14.588	ng/ul	100
33) Hexachlorobutadiene	11.380	225	28447	14.016	ng/ul	100
34) Caprolactam	11.968	113	18338m	14.752	ng/ul	
35) 4-Chloro-3-methylphenol	12.314	107	55185	14.801	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	12.696	142	103465	14.789	ng/ul	100
37) 1-Methylnaphthalene	12.914	142	109674	15.520	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.061	216	56468	14.252	ng/ul	100
40) Hexachlorocyclopentadiene	13.031	237	23975	11.258	ng/ul	100
41) 2,4,6-Trichlorophenol	13.296	196	37968	14.558	ng/ul	100
42) 2,4,5-Trichlorophenol	13.372	196	40368	14.666	ng/ul	100
43) 1,1'-Biphenyl	13.695	154	144574	14.630	ng/ul	100
44) 2-Chloronaphthalene	13.742	162	109957	14.368	ng/ul	100
45) 2-Nitroaniline	13.942	65	43699	14.317	ng/ul	100
47) Dimethylphthalate	14.294	163	148092	14.642	ng/ul	100
48) 2,6-Dinitrotoluene	14.430	165	30650	14.706	ng/ul	100
50) Acenaphthylene	14.582	152	185857	14.533	ng/ul	100
51) 3-Nitroaniline	14.759	138	34054	16.908	ng/ul	100
52) Acenaphthene	14.923	153	120067	14.371	ng/ul	100
53) 2,4-Dinitrophenol	14.970	184	14791	12.724	ng/ul	100
55) 4-Nitrophenol	15.058	109	24222	13.818	ng/ul	100
56) Dibenzofuran	15.252	168	174091	14.737	ng/ul	100
57) 2,4-Dinitrotoluene	15.211	165	44709	14.951	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.475	232	31993	14.912	ng/ul	100
59) Diethylphthalate	15.652	149	159169	14.731	ng/ul	100
61) Fluorene	15.899	166	138727	14.795	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.887	204	72193	14.598	ng/ul	100
63) 4-Nitroaniline	15.916	138	35041	18.586	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.975	198	24758	13.598	ng/ul	100
67) N-Nitrosodiphenylamine	16.098	169	122515	14.315	ng/ul	100
68) 4-Bromophenyl-phenylether	16.780	248	42988	14.166	ng/ul	100
69) Hexachlorobenzene	16.903	284	44557	14.377	ng/ul	100
70) Atrazine	17.038	200	52411	14.305	ng/ul	100
71) Pentachlorophenol	17.250	266	16317	10.331	ng/ul	100
72) Phenanthrene	17.644	178	232601	14.446	ng/ul	100
74) Anthracene	17.738	178	237302	14.775	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.666	216	59731	13.870	ng/uL	100
76) Pentachlorobenzene	15.170	250	55922	14.060	ng/uL	100
77) Carbazole	18.002	167	217669	14.595	ng/ul	100
78) Di-n-butylphthalate	18.537	149	280955	14.916	ng/ul	100
80) Fluoranthene	19.641	202	281565	15.169	ng/ul	100
82) Pyrene	20.005	202	279007	15.371	ng/ul	100
83) Butylbenzylphthalate	20.869	149	114416	14.869	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.786	252	92108	16.248	ng/ul	100
85) Benzo(a)anthracene	21.880	228	248653	15.341	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.750	149	163644	14.944	ng/ul	100
87) Chrysene	21.950	228	235238	15.243	ng/ul	100
89) Di-n-octyl phthalate	23.020	149	277653	17.642	ng/ul	100
90) Benzo(b)fluoranthene	24.212	252	240325	17.418	ng/ul	100
91) Benzo(k)fluoranthene	24.289	252	229061	17.813	ng/ul	100
93) Benzo(a)pyrene	25.146	252	233125	17.627	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.218	276	260207	17.805	ng/ul	100
95) Dibenzo(a,h)anthracene	29.283	278	220203	17.519	ng/ul	100
96) Benzo(g,h,i)perylene	30.446	276	216498	17.733	ng/ul	100

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

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