Quantitation Report (Qedit)

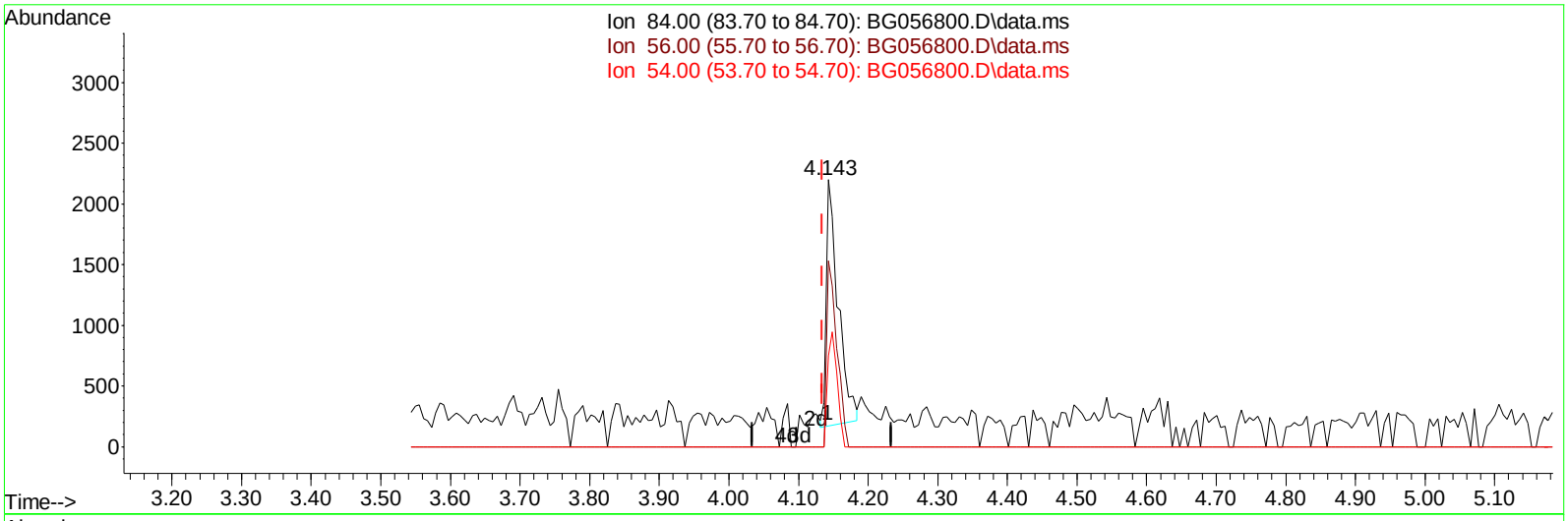
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030223\
Data File : BG056800.D
Acq On : 2 Mar 2023 21:34
Operator : CG/JU
Sample : 01710-13MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

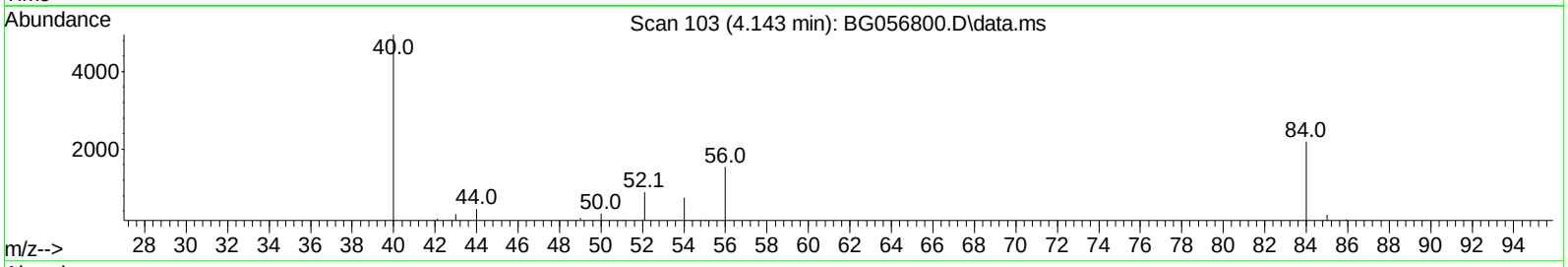
Quant Time: Mar 03 01:01:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

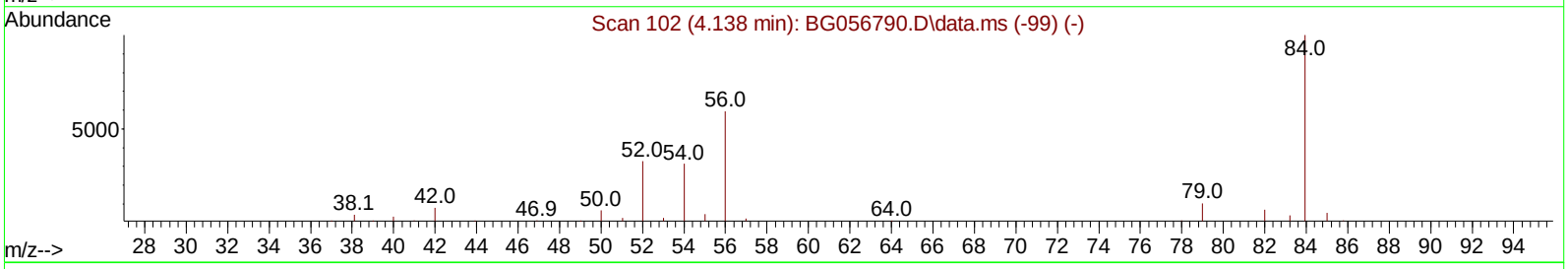
Instrument :
BNA_G
ClientSampleId :
DBAB0MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/03/2023
Supervised By :Jagrut Upadhyay 03/03/2023







TIC: BG056800.D\data.ms

(4) Pyridine-d5 (S)

4.143min (+ 0.009) 2.33 ng/ul

response 2400

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	67.40	69.75
54.00	38.20	34.03
0.00	0.00	0.00

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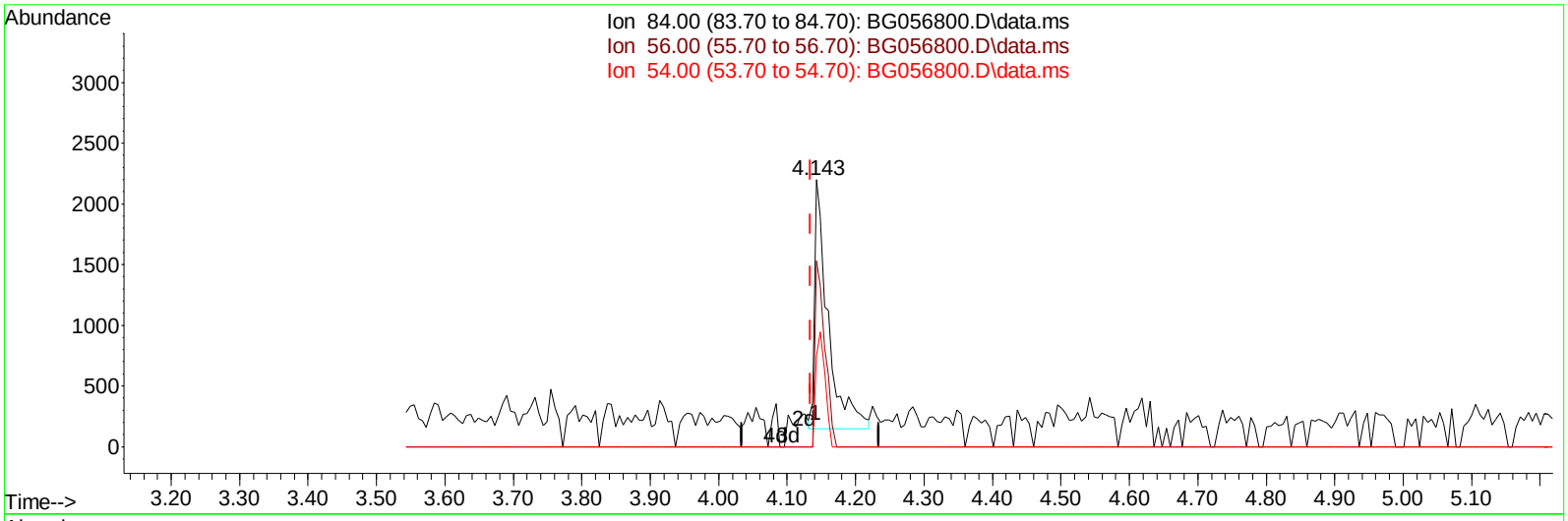

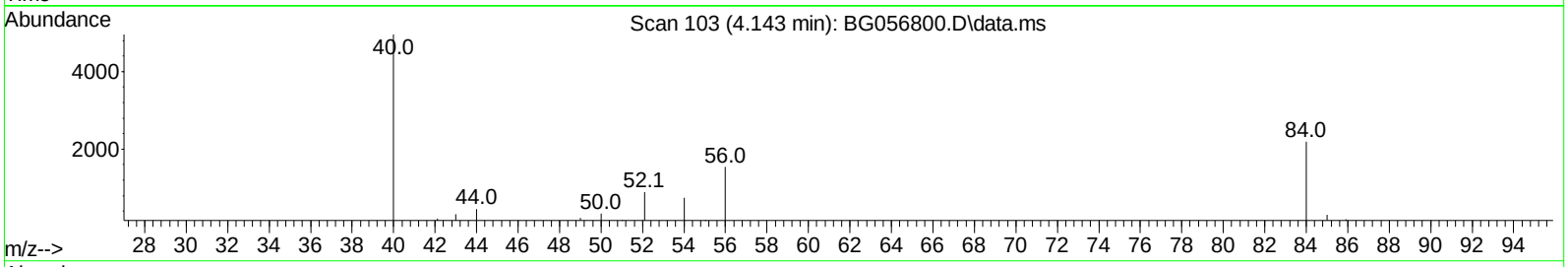

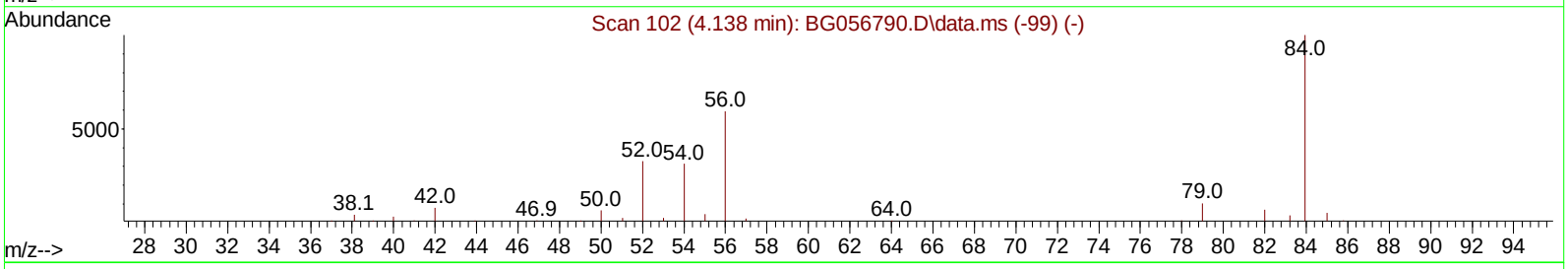

TIC: BG056800.D\data.ms

(4) Pyridine-d5 (S)

4.143min (+ 0.009) 2.75 ng/ul m

response 2834

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	67.40	69.75
54.00	38.20	34.03
0.00	0.00	0.00

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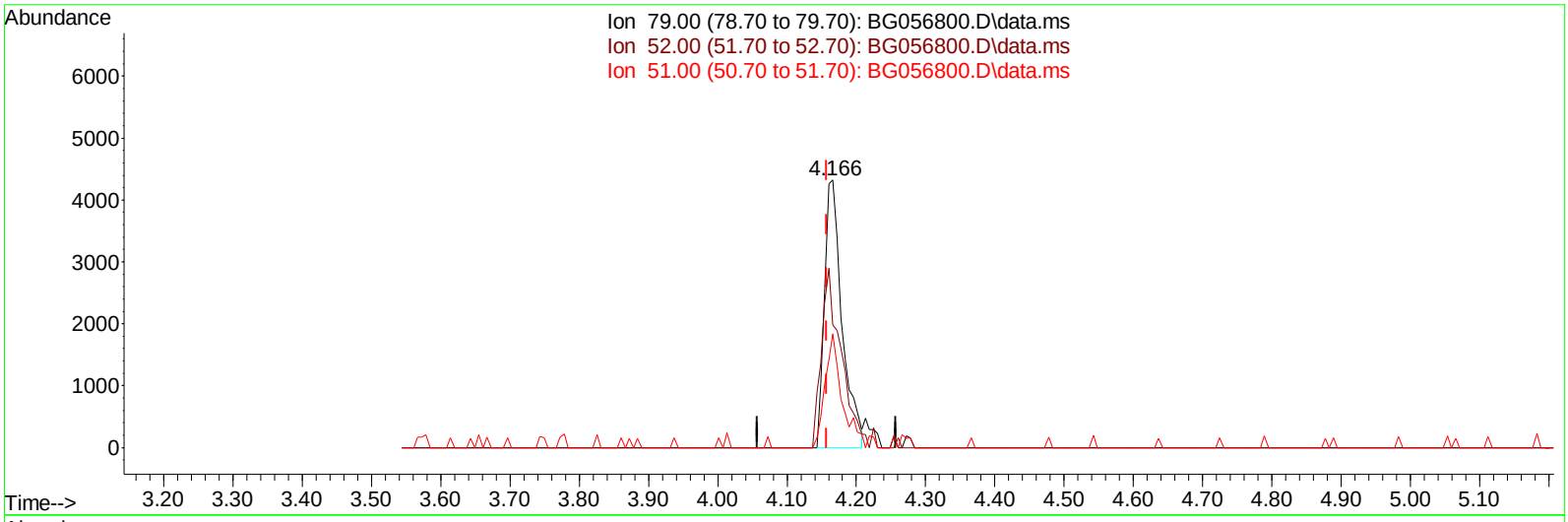

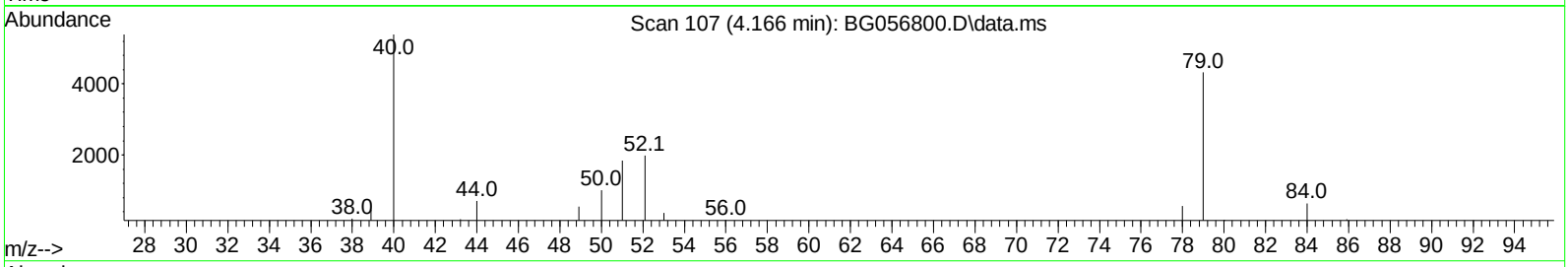

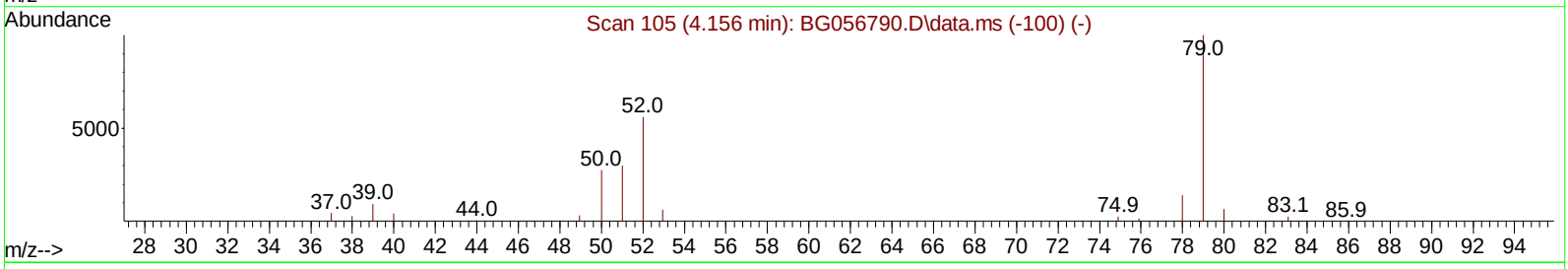

TIC: BG056800.D\data.ms

(5) Pyridine

4.166min (+ 0.009) 6.97 ng/ul

response 7620

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	75.80	45.88#
51.00	39.90	42.62
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Time: Mar 03 01:01:05 2023
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ClientSampleId :
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Manual IntegrationsAPPROVED

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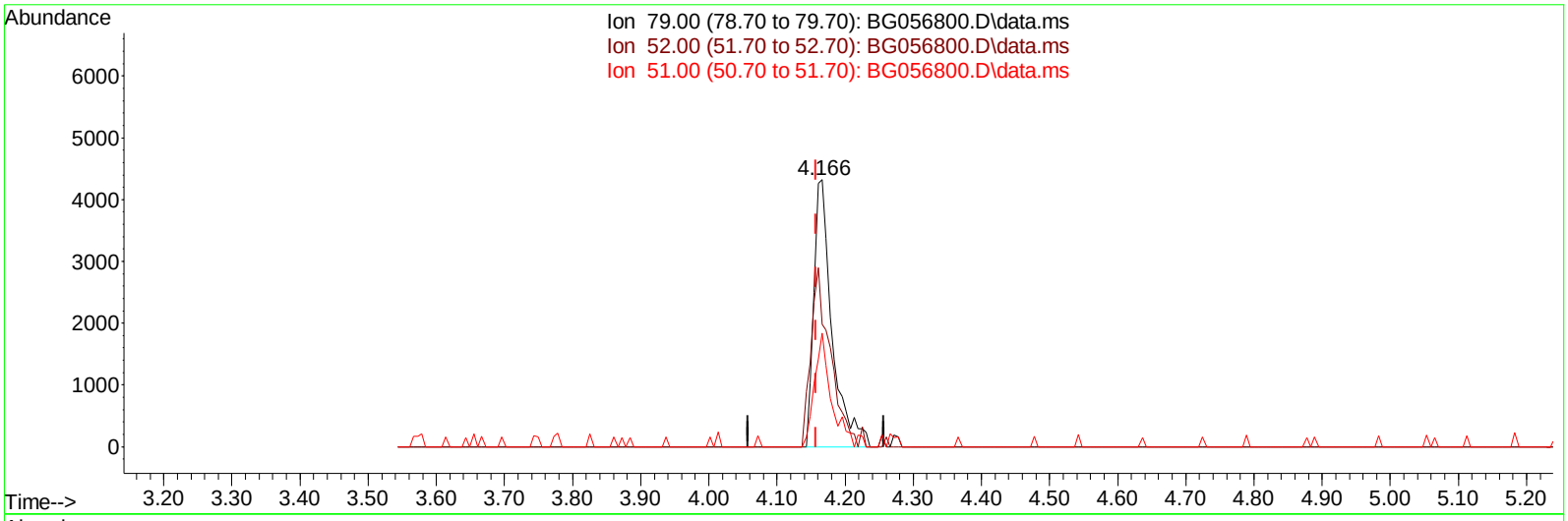

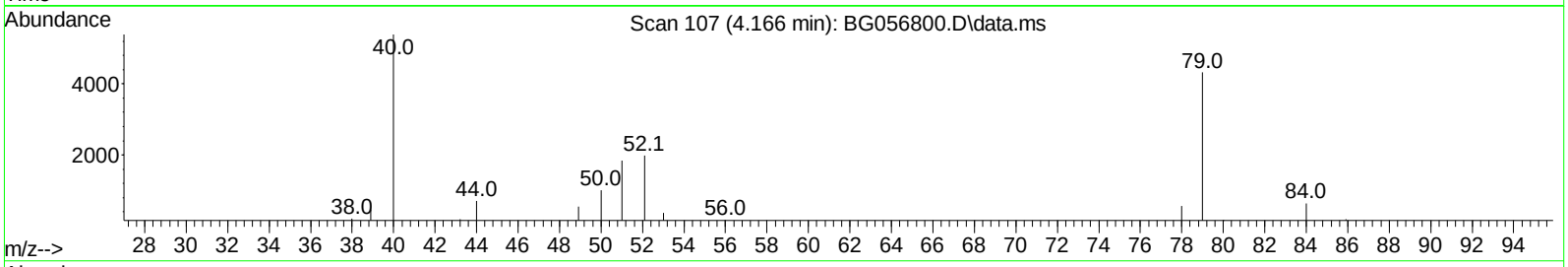

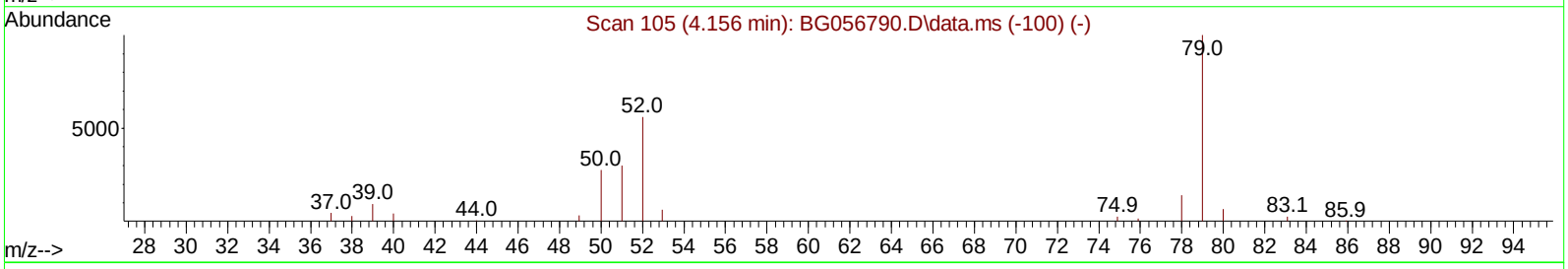

TIC: BG056800.D\data.ms

(5) Pyridine

4.166min (+ 0.009) 7.39 ng/ul m

response 8072

Ion	Exp%	Act%
79.00	100.00	100.00
52.00	75.80	45.88#
51.00	39.90	42.62
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/03/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	14180	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	63295	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.024	164	49262	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.756	188	118529	20.000	ng/ul	0.00
79) Chrysene-d12	22.063	240	109803	20.000	ng/ul	0.00
88) Perylene-d12	25.588	264	119412	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.702	96	1525	5.966	ng/uL	0.00
4) Pyridine-d5	4.143	84	2834m	2.747	ng/ul	0.00
7) Phenol-d5	7.539	99	34905	24.599	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	21553	24.901	ng/ul	0.00
11) 2-Chlorophenol-d4	7.938	132	23556	24.998	ng/ul	0.00
15) 4-Methylphenol-d8	9.107	113	25550	23.565	ng/ul	0.00
21) Nitrobenzene-d5	9.589	128	12553	23.665	ng/ul	0.00
24) 2-Nitrophenol-d4	10.318	143	15365	24.335	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.864	165	31135	26.175	ng/ul	0.00
31) 4-Chloroaniline-d4	11.375	131	26837	17.298	ng/ul	0.00
46) Dimethylphthalate-d6	14.407	166	100584	25.307	ng/ul	0.00
49) Acenaphthylene-d8	14.719	160	113964	25.228	ng/ul	0.00
54) 4-Nitrophenol-d4	15.183	143	15383	22.448	ng/ul	0.00
60) Fluorene-d10	16.005	176	95544	25.987	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	21835	27.535	ng/ul	0.00
73) Anthracene-d10	17.850	188	143006	24.869	ng/ul	0.00
81) Pyrene-d10	20.112	212	176197	23.714	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.347	264	167783	26.031	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.737	88	3490	11.073	ng/uL#	89
5) Pyridine	4.166	79	8072m	7.387	ng/ul	
6) Benzaldehyde	7.539	77	24412	32.838	ng/ul	93
8) Phenol	7.568	94	39745	27.460	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.815	93	26895	26.153	ng/ul	97
12) 2-Chlorophenol	7.974	128	24867	26.647	ng/ul	93
13) 2-Methylphenol	8.843	108	29004	26.567	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.937	45	36587	26.476	ng/ul	96
16) Acetophenone	9.243	105	54840	29.536	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.219	70	27788	26.084	ng/ul	94
18) 4-Methylphenol	9.172	108	31162	26.269	ng/ul	97
19) Hexachloroethane	9.519	117	10699	26.961	ng/ul#	86
22) Nitrobenzene	9.636	77	43147	28.051	ng/ul	96
23) Isophorone	10.153	82	78613	26.142	ng/ul	97
25) 2-Nitrophenol	10.353	139	17280	27.725	ng/ul#	87
26) 2,4-Dimethylphenol	10.394	107	34081	24.485	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.629	93	39224	25.805	ng/ul	93
29) 2,4-Dichlorophenol	10.888	162	32240	27.989	ng/ul	99
30) Naphthalene	11.305	128	91617	26.297	ng/ul	97
32) 4-Chloroaniline	11.399	127	30895	20.103	ng/ul	96
33) Hexachlorobutadiene	11.587	225	25564	27.846	ng/ul	88
34) Caprolactam	12.145	113	10740	27.426	ng/ul	84
35) 4-Chloro-3-methylphenol	12.486	107	36451	27.545	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.880	142	67858	27.196	ng/ul	100
37) 1-Methylnaphthalene	13.097	142	67821	27.568	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.238	216	49112	28.119	ng/ul	98
40) Hexachlorocyclopentadiene	13.214	237	29518	23.586	ng/ul	99
41) 2,4,6-Trichlorophenol	13.467	196	32986	28.265	ng/ul	96
42) 2,4,5-Trichlorophenol	13.532	196	36382	28.711	ng/ul	97
43) 1,1'-Biphenyl	13.861	154	98760	27.263	ng/ul	95
44) 2-Chloronaphthalene	13.914	162	81819	27.299	ng/ul	96
45) 2-Nitroaniline	14.102	65	28638	27.528	ng/ul	96
47) Dimethylphthalate	14.454	163	109228	27.024	ng/ul	99
48) 2,6-Dinitrotoluene	14.583	165	23146	27.935	ng/ul	97
50) Acenaphthylene	14.748	152	122510	26.846	ng/ul	98
51) 3-Nitroaniline	14.912	138	19910	26.849	ng/ul#	98
52) Acenaphthene	15.083	153	84744	27.032	ng/ul	97
53) 2,4-Dinitrophenol	15.112	184	14499	27.315	ng/ul	93
55) 4-Nitrophenol	15.194	109	21218	26.750	ng/ul	89
56) Dibenzofuran	15.412	168	129243	27.158	ng/ul	100
57) 2,4-Dinitrotoluene	15.359	165	31850	26.813	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.629	232	32710	27.739	ng/ul	98
59) Diethylphthalate	15.800	149	106565	26.339	ng/ul	99
61) Fluorene	16.058	166	103043	27.041	ng/ul	100
62) 4-Chlorophenyl-phenyle...	16.041	204	61036	27.042	ng/ul	98
63) 4-Nitroaniline	16.064	138	19593	27.042	ng/ul	99
66) 4,6-Dinitro-2-methylph...	16.117	198	21933	28.729	ng/ul#	99
67) N-Nitrosodiphenylamine	16.252	169	90788	27.544	ng/ul	99
68) 4-Bromophenyl-phenylether	16.934	248	42143	28.056	ng/ul	97
69) Hexachlorobenzene	17.063	284	45483	28.185	ng/ul	99
70) Atrazine	17.180	200	39576	27.646	ng/ul	94
71) Pentachlorophenol	17.398	266	24646	26.897	ng/ul	91
72) Phenanthrene	17.797	178	178067	27.734	ng/ul	98
74) Anthracene	17.891	178	170622	26.297	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.837	216	52665	29.044	ng/uL	96
76) Pentachlorobenzene	15.335	250	52175	28.370	ng/uL	95
77) Carbazole	18.150	167	151521	27.910	ng/ul	96
78) Di-n-butylphthalate	18.673	149	173815	27.780	ng/ul	99
80) Fluoranthene	19.783	202	223198	24.844	ng/ul	98
82) Pyrene	20.142	202	220915	24.960	ng/ul	99
83) Butylbenzylphthalate	20.999	149	75832	27.008	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.939	252	38570	14.010	ng/ul	98
85) Benzo(a)anthracene	22.045	228	222582	27.852	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.904	149	107800	27.331	ng/ul	99
87) Chrysene	22.116	228	208128	27.962	ng/ul	99
89) Di-n-octyl phthalate	23.214	149	183046	28.196	ng/ul	100
90) Benzo(b)fluoranthene	24.460	252	229204	28.672	ng/ul	99
91) Benzo(k)fluoranthene	24.536	252	218961	28.121	ng/ul	98
93) Benzo(a)pyrene	25.424	252	192235	27.358	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.648	276	272994	28.599	ng/ul	97
95) Dibenzo(a,h)anthracene	29.724	278	224908	28.180	ng/ul	94
96) Benzo(g,h,i)perylene	30.929	276	204830	26.864	ng/ul	97

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

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