Quantitation Report (Qedit)

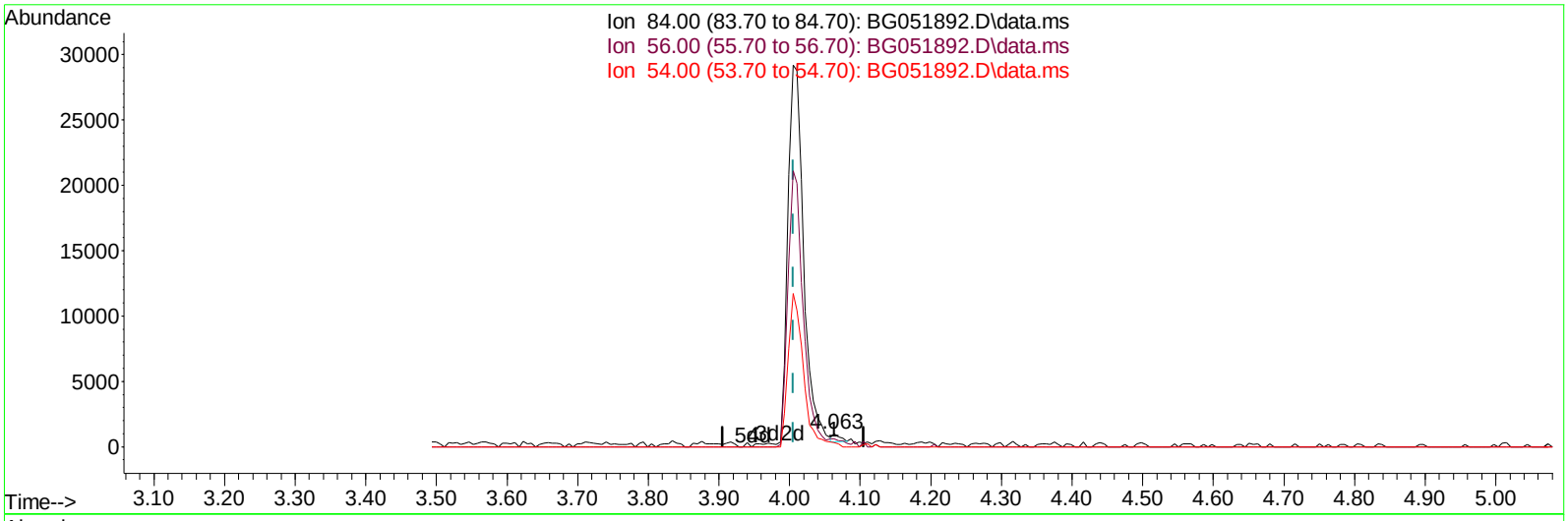
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010622\
Data File : BG051892.D
Acq On : 6 Jan 2022 14:19
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

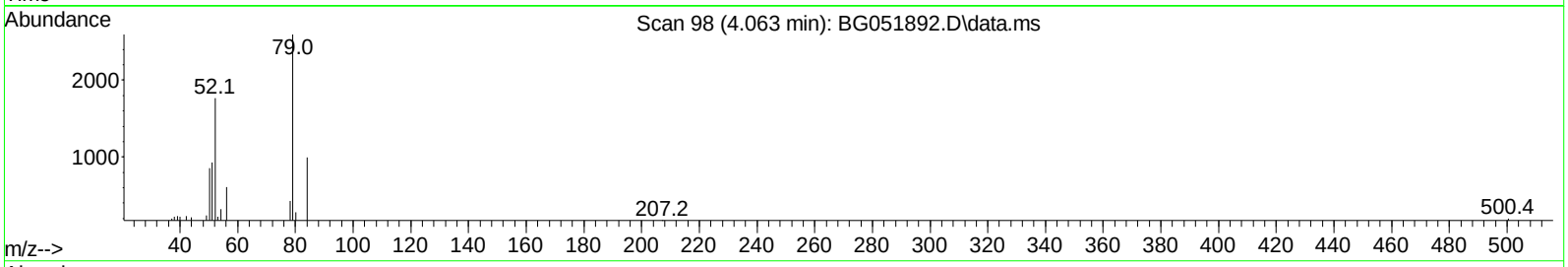
Quant Time: Jan 06 17:27:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 06 14:43:02 2022
Response via : Initial Calibration

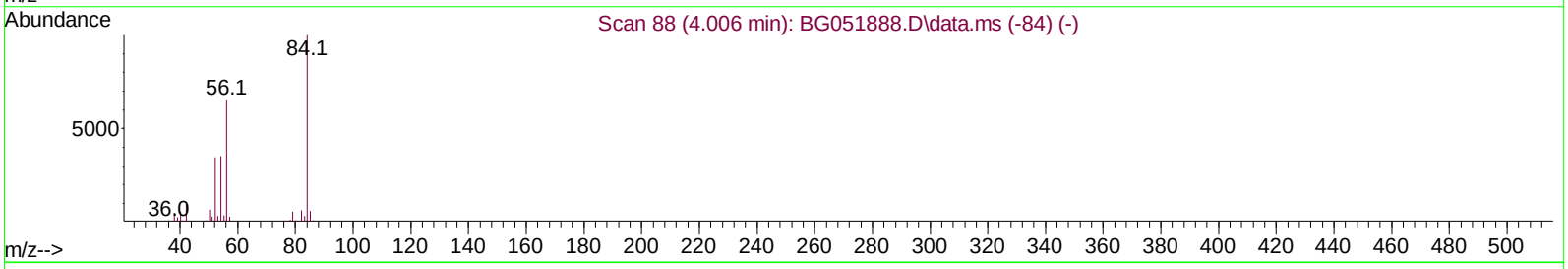
Instrument :
BNA_G
ClientSampleId :
SICV448

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/07/2022
Supervised By :mohammad ahmed 01/12/2022







TIC: BG051892.D\data.ms

(4) Pyridine-d5 (S)

4.063min (+ 0.058) 0.19 ng/ul

response 447

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	61.09
54.00	31.50	32.66
0.00	0.00	0.00

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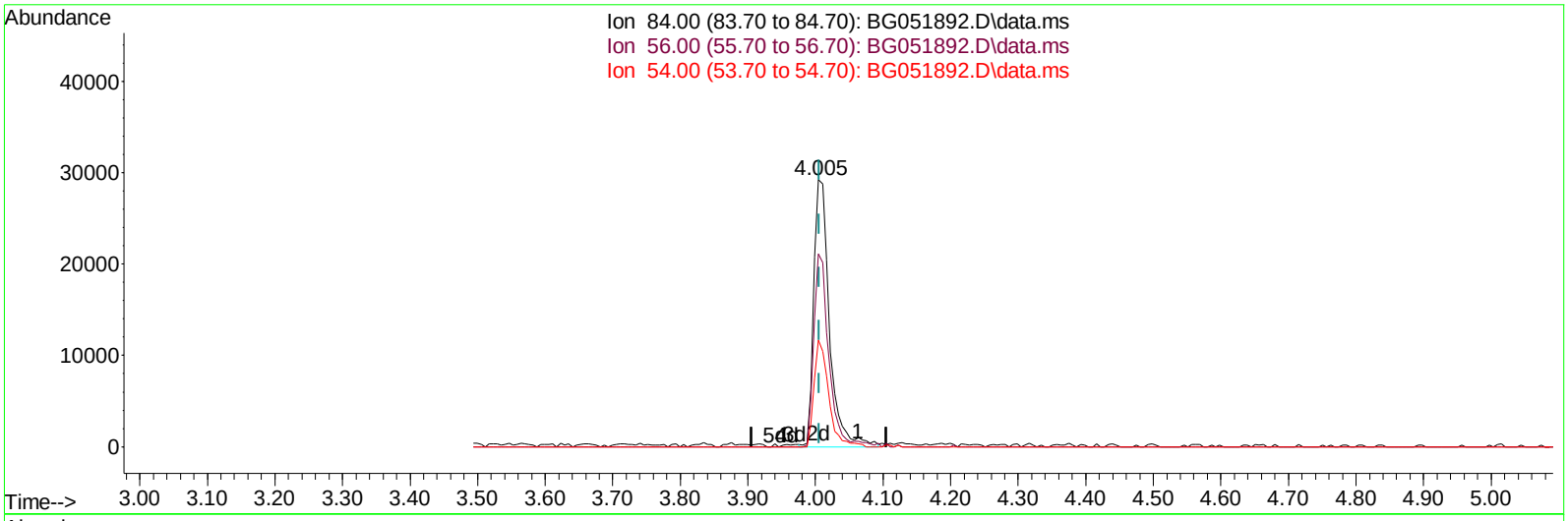

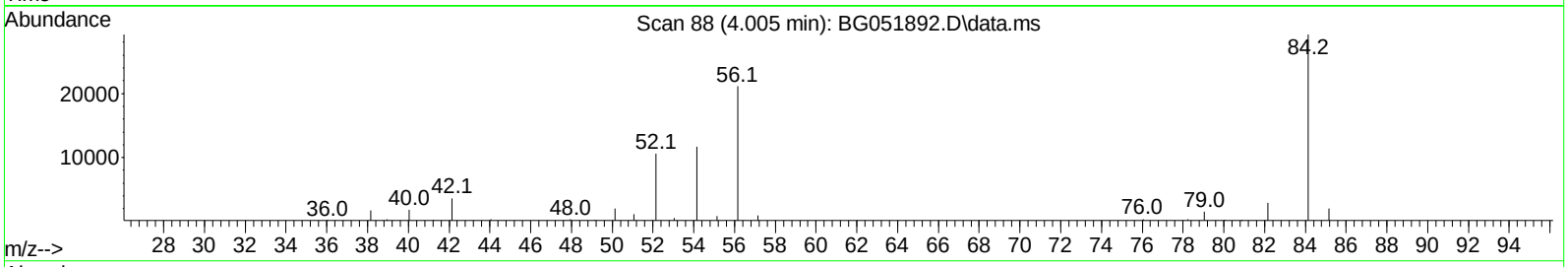

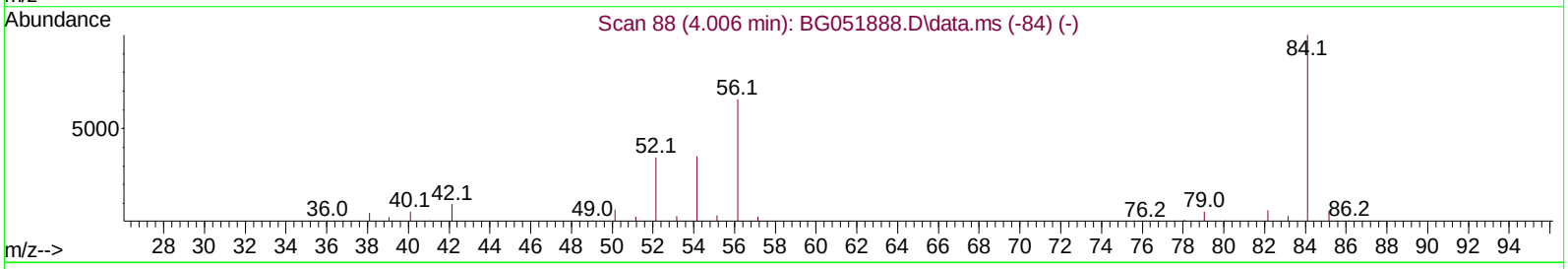

TIC: BG051892.D\data.ms

(4) Pyridine-d5 (S)

4.005min (-0.001) 20.28 ng/ul m

response 47524

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	68.00	72.30
54.00	31.50	40.09#
0.00	0.00	0.00

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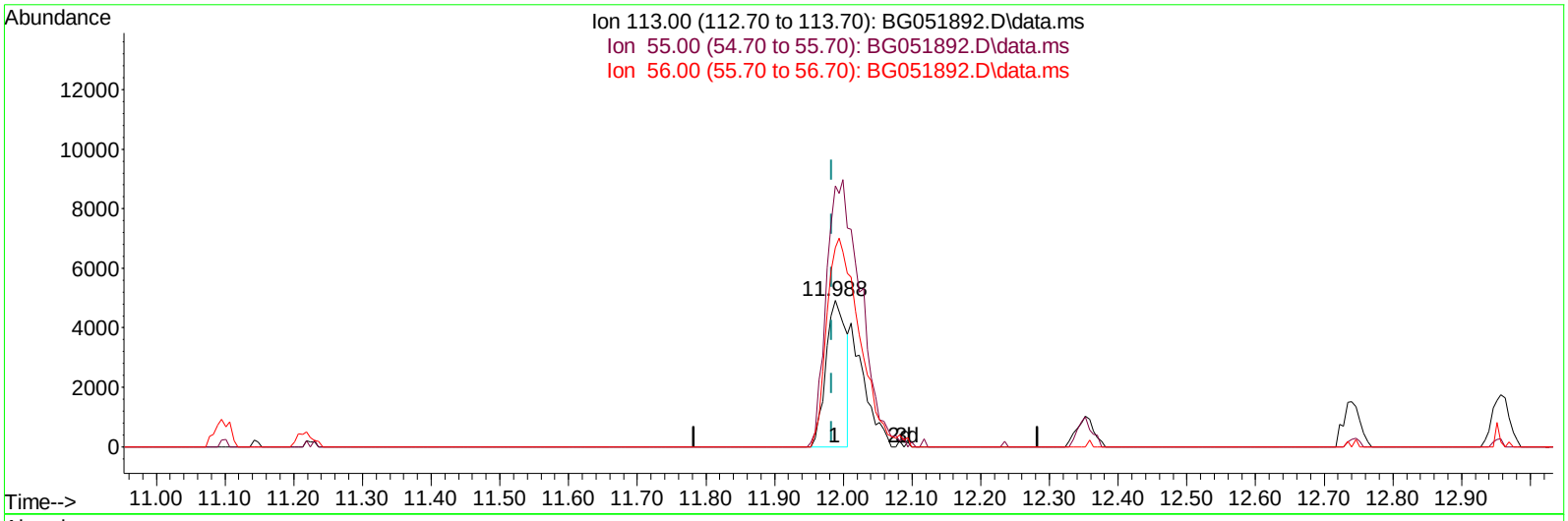

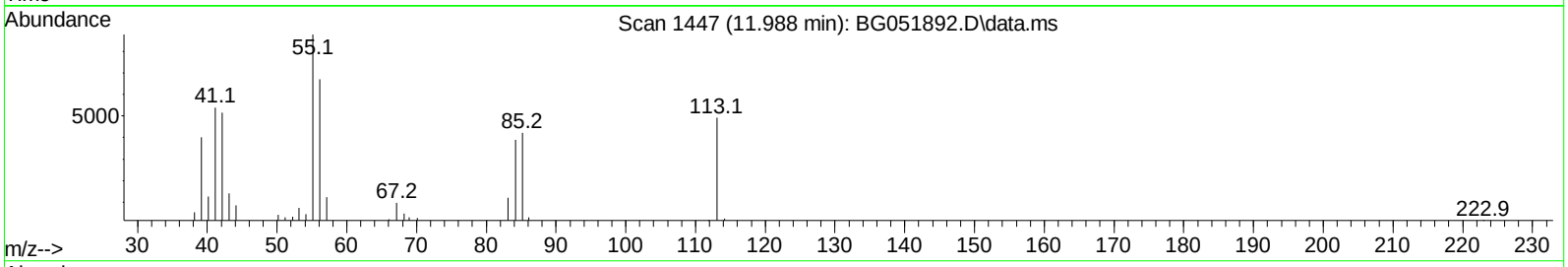

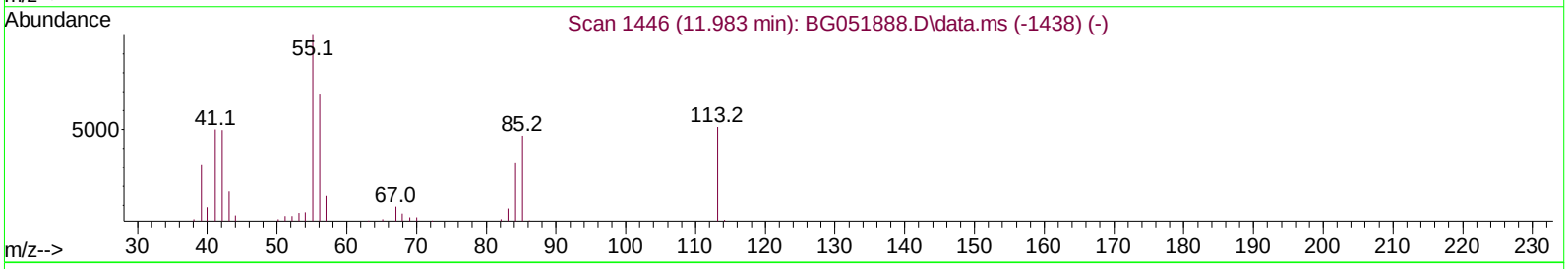

TIC: BG051892.D\data.ms

(34) Caprolactam

11.988min (+ 0.005) 13.25 ng/ul

response 9886

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	178.50
56.00	136.50	136.32
0.00	0.00	0.00

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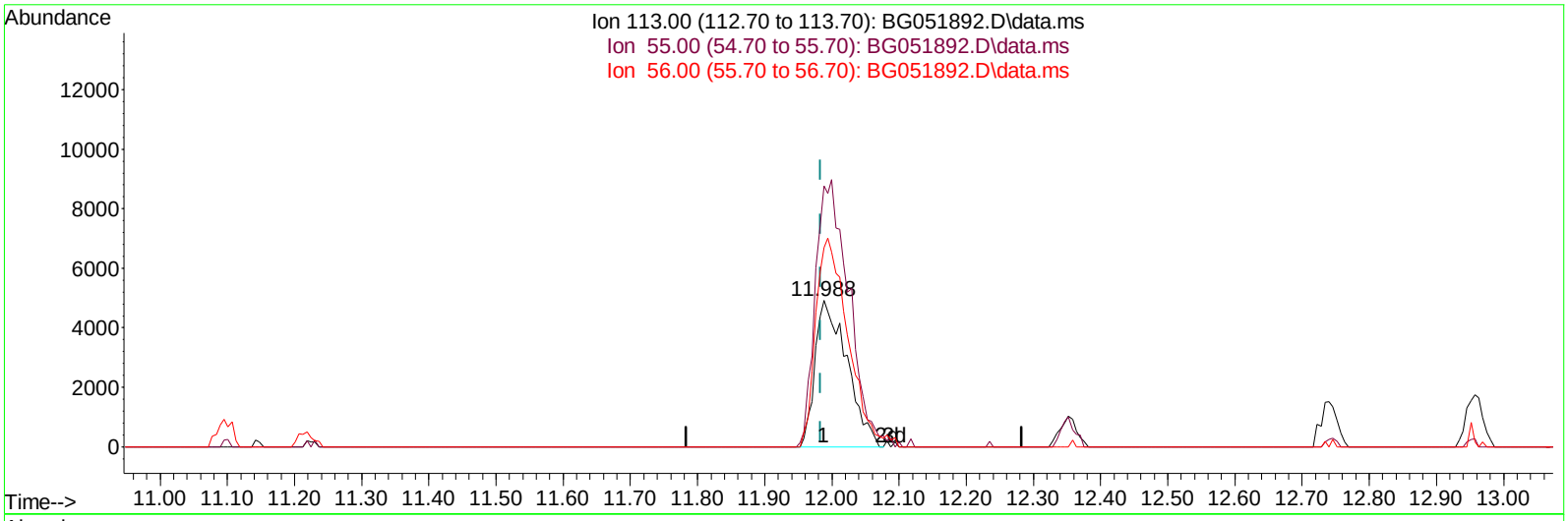

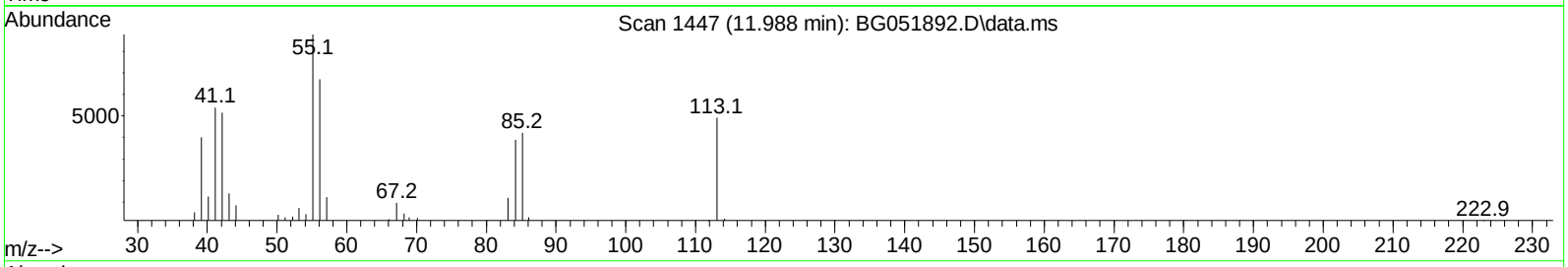

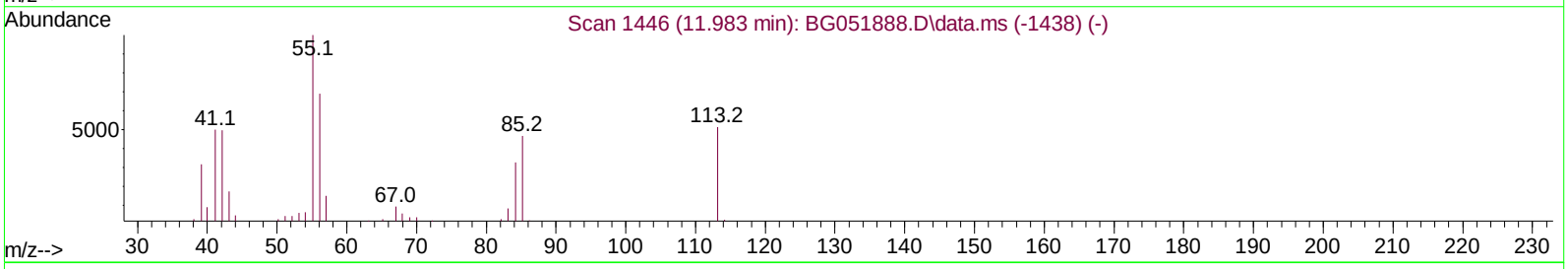

TIC: BG051892.D\data.ms

(34) Caprolactam

11.988min (+ 0.005) 21.74 ng/ul m

response 16216

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	178.50
56.00	136.50	136.32
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	8.264	152	26942	20.000	ng/ul	0.01
20) Naphthalene-d8	11.095	136	114246	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.896	164	83579	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.645	188	215408	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.963	240	226396	20.000	ng/ul	# 0.00
88) Perylene-d12	25.458	264	226954	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.582	96	5998	7.955	ng/uL	0.00
4) Pyridine-d5	4.005	84	47524m	20.276	ng/ul	0.00
7) Phenol-d5	7.400	99	53345	20.230	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.565	67	32703	19.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.788	132	36276	20.778	ng/ul	0.01
15) 4-Methylphenol-d8	8.963	113	41690	20.338	ng/ul	0.01
21) Nitrobenzene-d5	9.433	128	19756	21.884	ng/ul	0.01
24) 2-Nitrophenol-d4	10.161	143	21215	21.249	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.707	165	41660	21.347	ng/ul	0.00
31) 4-Chloroaniline-d4	11.218	131	55101	20.274	ng/ul	0.00
46) Dimethylphthalate-d6	14.285	166	141469	20.478	ng/ul	0.00
49) Acenaphthylene-d8	14.590	160	172241	20.640	ng/ul	0.00
54) 4-Nitrophenol-d4	15.072	143	24771	21.446	ng/ul	0.00
60) Fluorene-d10	15.883	176	126245	20.959	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.988	200	27818	20.471	ng/ul	0.00
73) Anthracene-d10	17.745	188	212350	20.781	ng/ul	0.00
81) Pyrene-d10	20.018	212	272501	20.914	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.217	264	251246	21.029	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.617	88	6402	7.359	ng/uL	89
5) Pyridine	4.028	79	51478	20.964	ng/ul	99
6) Benzaldehyde	7.382	77	38905	22.180	ng/ul	94
8) Phenol	7.424	94	55173	20.499	ng/ul#	90
10) Bis(2-Chloroethyl)ether	7.659	93	41246	20.935	ng/ul	95
12) 2-Chlorophenol	7.817	128	38196	21.506	ng/ul	97
13) 2-Methylphenol	8.692	108	39973	20.424	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.781	45	59223	19.708	ng/ul	95
16) Acetophenone	9.086	105	65355	20.201	ng/ul	90
17) N-Nitroso-di-n-propyla...	9.063	70	40463	20.473	ng/ul	98
18) 4-Methylphenol	9.027	108	42399	19.999	ng/ul	85
19) Hexachloroethane	9.362	117	15754	20.546	ng/ul#	87
22) Nitrobenzene	9.474	77	57969	20.703	ng/ul	94
23) Isophorone	9.997	82	111164	20.999	ng/ul	98
25) 2-Nitrophenol	10.196	139	22850	20.824	ng/ul	91
26) 2,4-Dimethylphenol	10.243	107	51017	21.428	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.478	93	54303	19.923	ng/ul	99
29) 2,4-Dichlorophenol	10.737	162	39455	20.586	ng/ul	93
30) Naphthalene	11.148	128	128443	20.747	ng/ul	99
32) 4-Chloroaniline	11.242	127	57892	20.902	ng/ul	92
33) Hexachlorobutadiene	11.436	225	31977	20.931	ng/ul	97
34) Caprolactam	11.988	113	16216m	21.739	ng/ul	
35) 4-Chloro-3-methylphenol	12.352	107	46945	21.214	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.740	142	92906	21.068	ng/ul	95
37) 1-Methylnaphthalene	12.957	142	95303	21.058	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.104	216	59683	20.650	ng/ul	99
40) Hexachlorocyclopentadiene	13.087	237	38974	19.652	ng/ul	93
41) 2,4,6-Trichlorophenol	13.333	196	37504	20.530	ng/ul	94
42) 2,4,5-Trichlorophenol	13.410	196	42200	21.429	ng/ul	94
43) 1,1'-Biphenyl	13.733	154	131234	20.339	ng/ul	98
44) 2-Chloronaphthalene	13.780	162	101520	20.316	ng/ul	99
45) 2-Nitroaniline	13.968	65	40393	21.092	ng/ul	96
47) Dimethylphthalate	14.332	163	140956	20.692	ng/ul	98
48) 2,6-Dinitrotoluene	14.455	165	29272	20.381	ng/ul	99
50) Acenaphthylene	14.620	152	171335	20.850	ng/ul	97
51) 3-Nitroaniline	14.784	138	30281	23.307	ng/ul	94
52) Acenaphthene	14.960	153	111160	20.345	ng/ul	98
53) 2,4-Dinitrophenol	14.990	184	17118	20.215	ng/ul	89
55) 4-Nitrophenol	15.084	109	26941	20.326	ng/ul	89
56) Dibenzofuran	15.295	168	163431	20.595	ng/ul	95
57) 2,4-Dinitrotoluene	15.242	165	46082	22.192	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.513	232	36912	20.208	ng/ul	93
59) Diethylphthalate	15.689	149	146943	20.908	ng/ul	98
61) Fluorene	15.941	166	135601	20.507	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.924	204	73435	20.012	ng/ul	95
63) 4-Nitroaniline	15.947	138	31457	23.566	ng/ul	88
66) 4,6-Dinitro-2-methylph...	16.006	198	26699	20.551	ng/ul#	98
67) N-Nitrosodiphenylamine	16.135	169	121046	20.913	ng/ul	94
68) 4-Bromophenyl-phenylether	16.823	248	49508	19.632	ng/ul	85
69) Hexachlorobenzene	16.952	284	57839	20.680	ng/ul#	90
70) Atrazine	17.075	200	56801	21.152	ng/ul	94
71) Pentachlorophenol	17.287	266	30824	19.735	ng/ul	97
72) Phenanthrene	17.686	178	235798	20.891	ng/ul	99
74) Anthracene	17.780	178	235781	20.868	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.703	216	64985	20.087	ng/uL	97
76) Pentachlorobenzene	15.219	250	64226	20.398	ng/uL	96
77) Carbazole	18.039	167	218920	21.503	ng/ul	98
78) Di-n-butylphthalate	18.585	149	253327	21.050	ng/ul	98
80) Fluoranthene	19.689	202	317798	21.106	ng/ul#	91
82) Pyrene	20.048	202	313025	21.115	ng/ul#	91
83) Butylbenzylphthalate	20.923	149	111845	21.679	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.845	252	117099	22.406	ng/ul#	96
85) Benzo(a)anthracene	21.945	228	311129	20.897	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.828	149	155078	20.553	ng/ul#	96
87) Chrysene	22.016	228	294248	20.524	ng/ul	98
89) Di-n-octyl phthalate	23.132	149	262064	20.903	ng/ul	100
90) Benzo(b)fluoranthene	24.336	252	317316	21.097	ng/ul#	96
91) Benzo(k)fluoranthene	24.412	252	296348	21.310	ng/ul#	95
93) Benzo(a)pyrene	25.294	252	296106	20.802	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.494	276	339840	20.857	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.558	278	288474	20.931	ng/ul#	91
96) Benzo(g,h,i)perylene	30.739	276	275628	20.118	ng/ul#	87

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

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