Quantitation Report (Qedit)

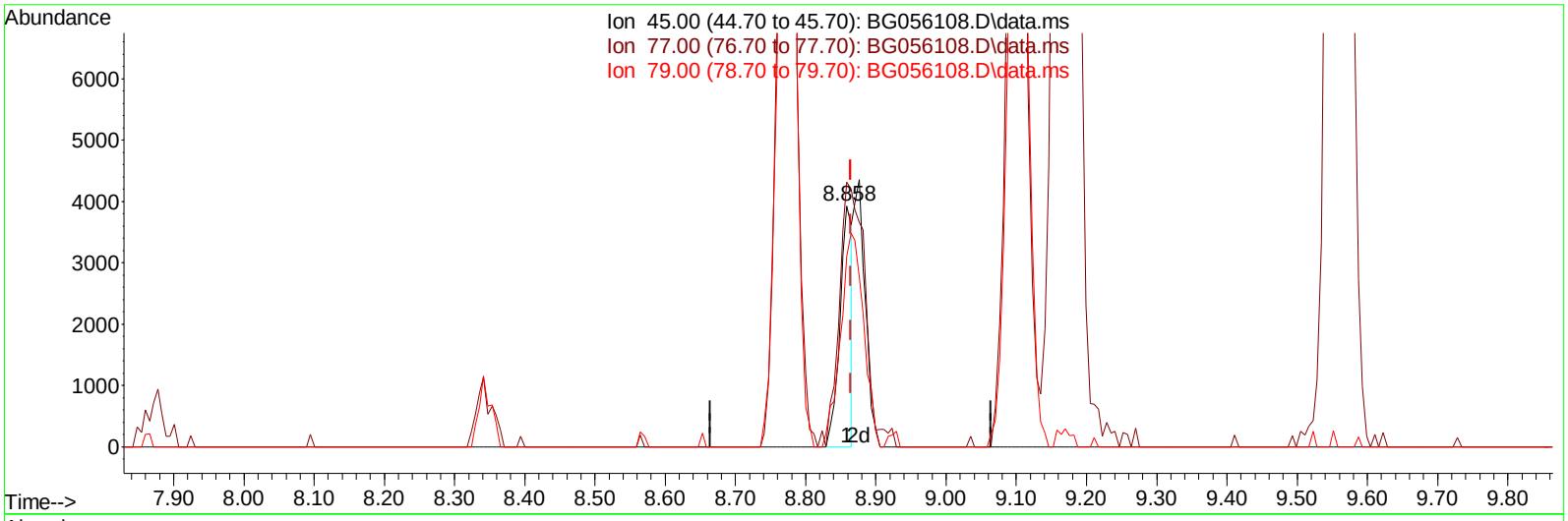
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122422\
Data File : BG056108.D
Acq On : 25 Dec 2022 3:57
Operator : CG/JU
Sample : N6017-09MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

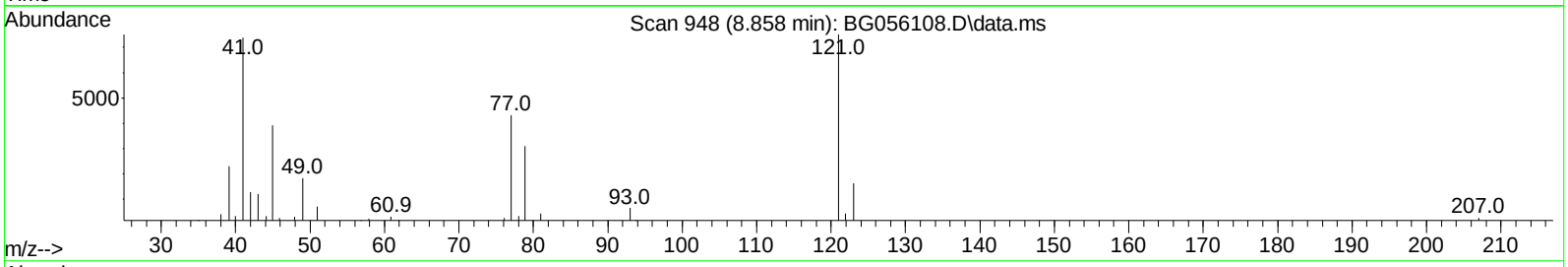
Quant Time: Dec 25 05:51:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG122422.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 24 22:54:38 2022
Response via : Initial Calibration

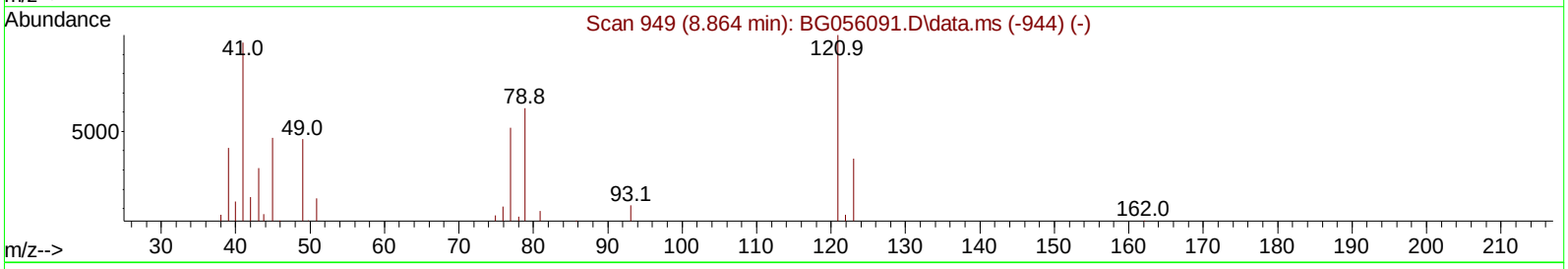
Instrument :
BNA_G
ClientSampleId :
DBYF6MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022







TIC: BG056108.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.858min (-0.006) 13.06 ng/ul

response 4656

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	132.30	109.81
79.00	142.80	79.14#
0.00	0.00	0.00

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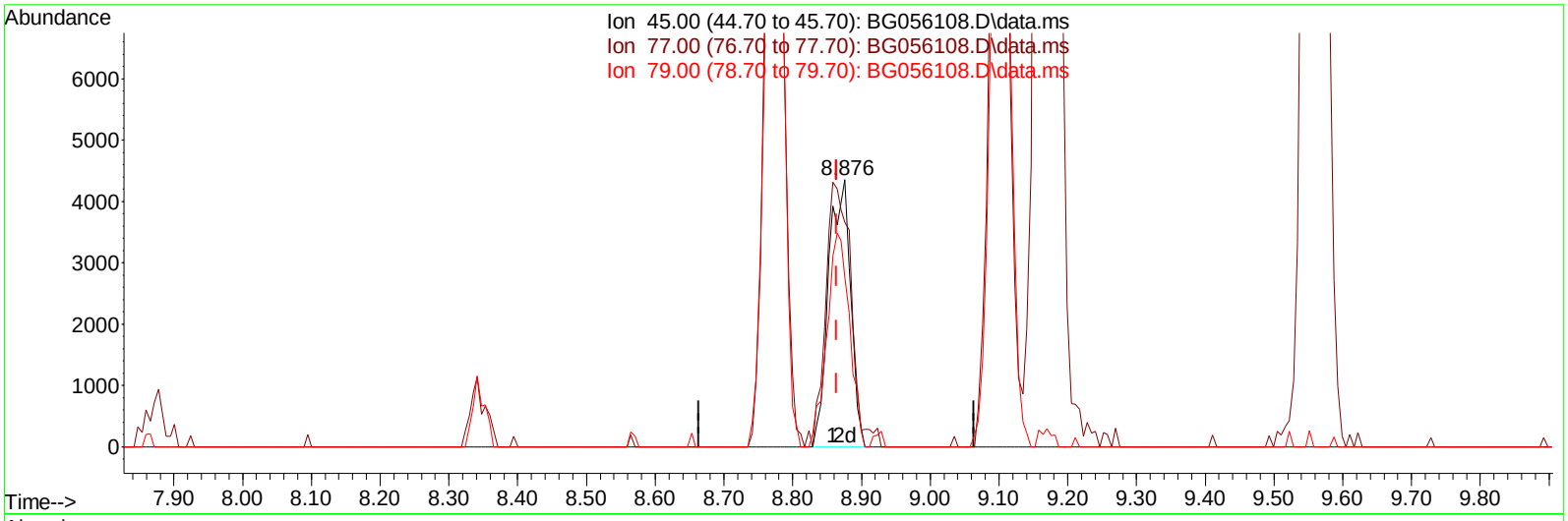

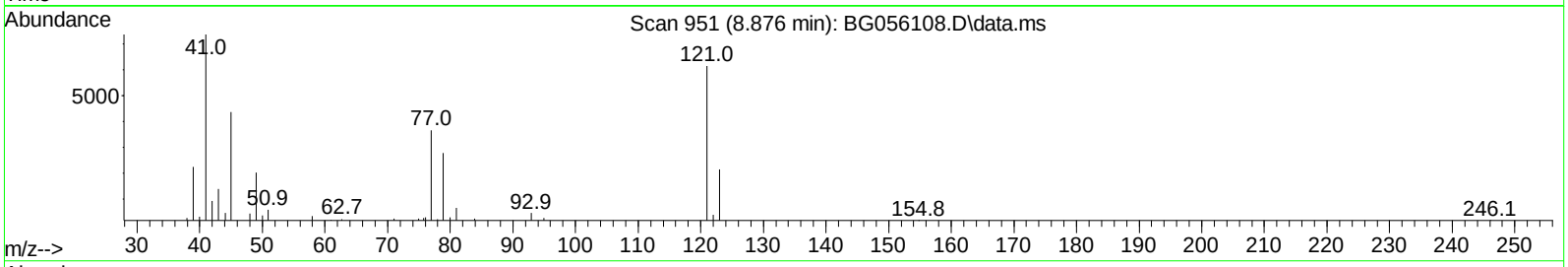

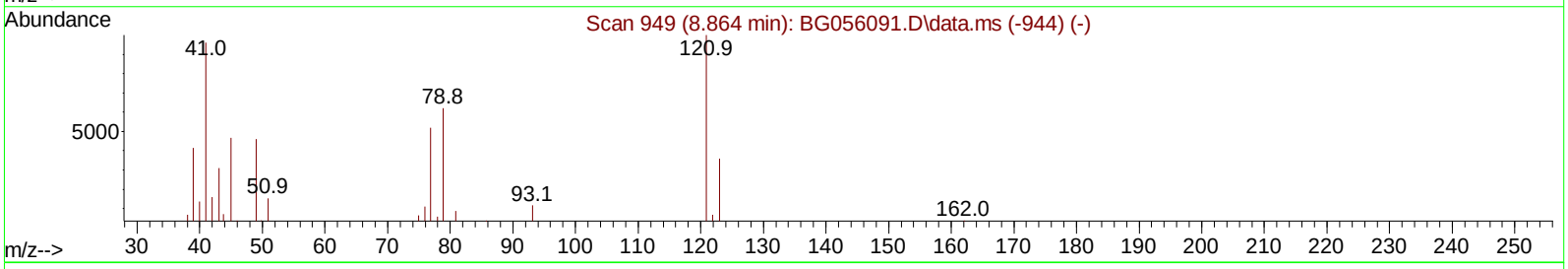

TIC: BG056108.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.876min (+ 0.012) 26.99 ng/ul m

response 9623

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	132.30	84.00#
79.00	142.80	63.55#
0.00	0.00	0.00

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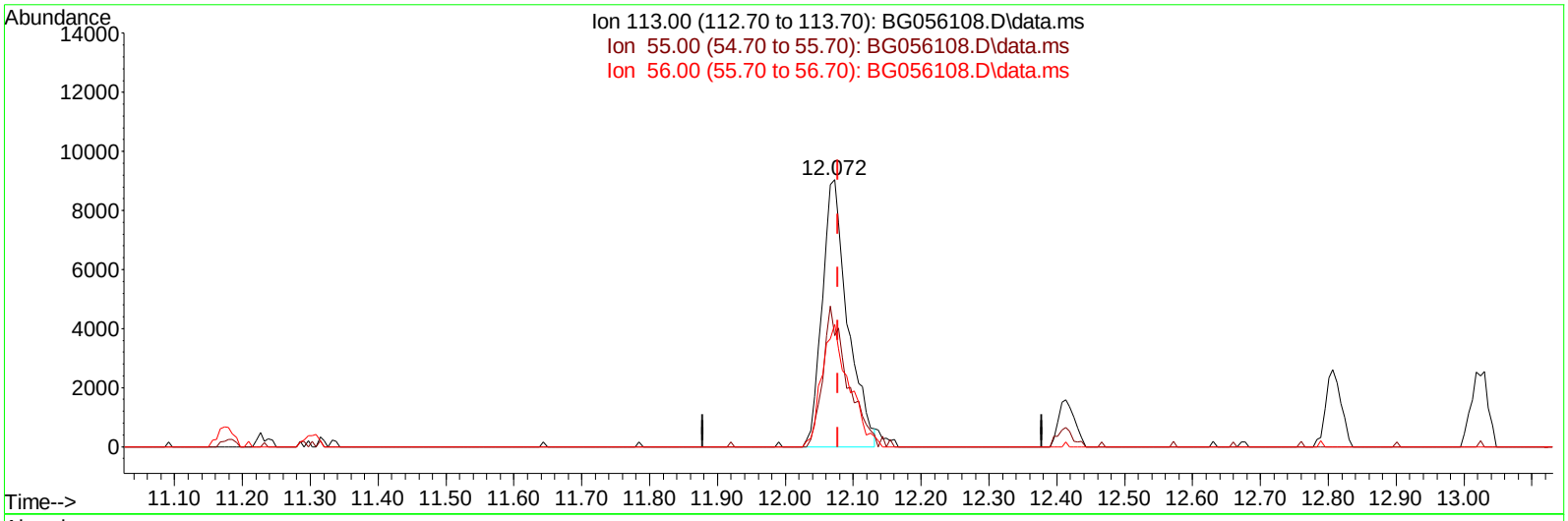

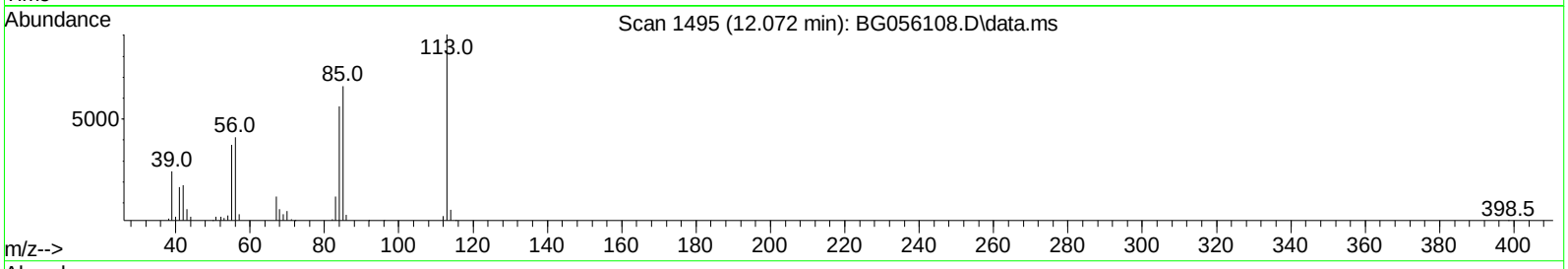

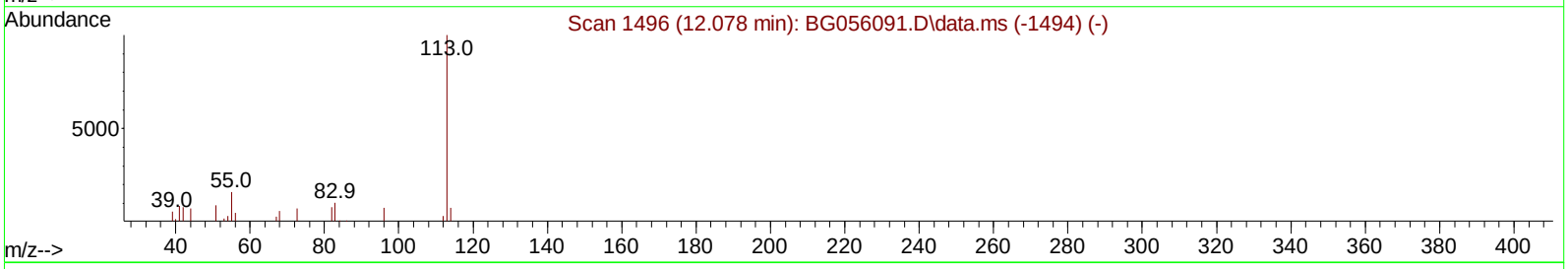

TIC: BG056108.D\data.ms

(34) Caprolactam

12.072min (-0.006) 19.20 ng/ul

response 23535

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	35.00	41.72
56.00	34.60	45.85#
0.00	0.00	0.00

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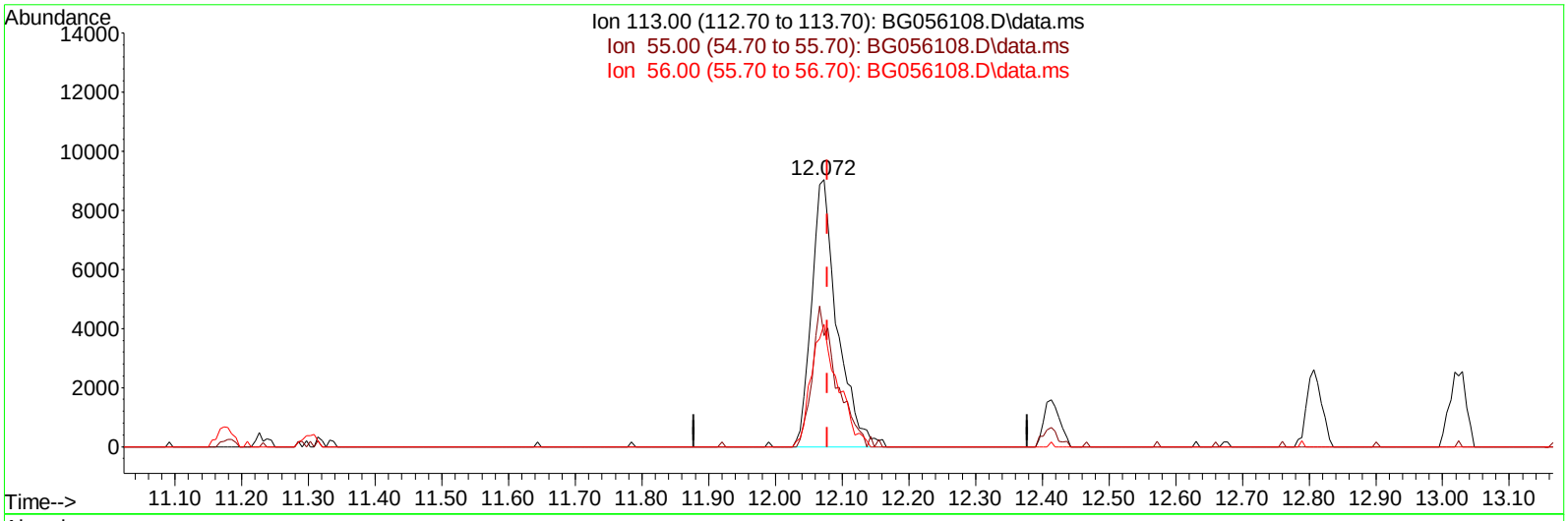

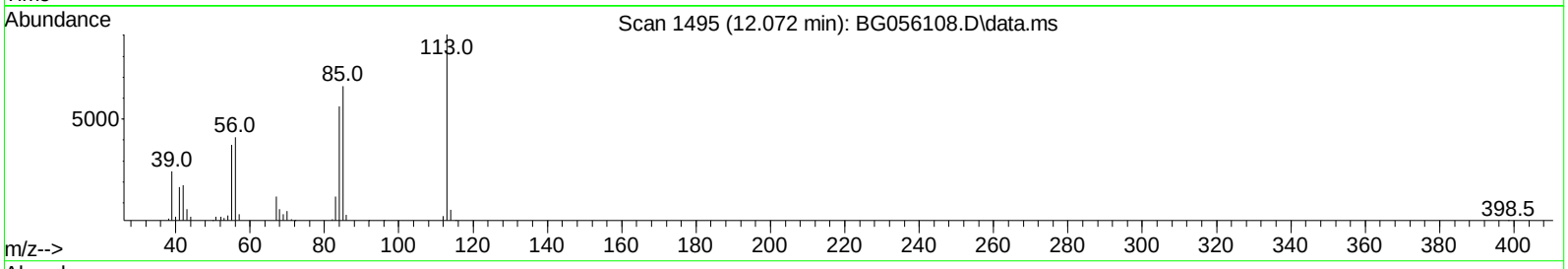

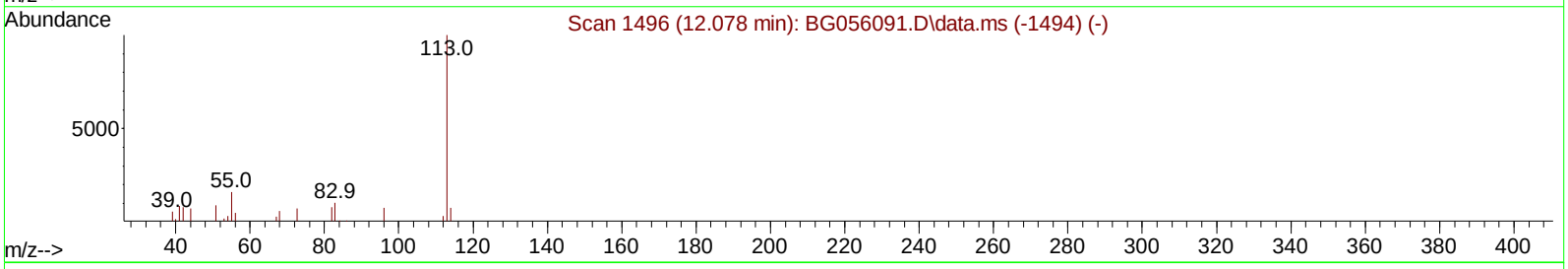

TIC: BG056108.D\data.ms

(34) Caprolactam

12.072min (-0.006) 19.65 ng/ul m

response 24081

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	35.00	41.72
56.00	34.60	45.85#
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.347	152	46705	20.000	ng/ul	0.00
20) Naphthalene-d8	11.179	136	189817	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.957	164	166990	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	412660	20.000	ng/ul	0.00
79) Chrysene-d12	21.996	240	388492	20.000	ng/ul	0.00
88) Perylene-d12	25.463	264	413067	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.653	96	3400	3.047	ng/uL	0.00
4) Pyridine-d5	4.088	84	27082	7.444	ng/ul	0.00
7) Phenol-d5	7.472	99	80153	18.919	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.654	67	33481	20.051	ng/ul	0.00
11) 2-Chlorophenol-d4	7.871	132	51353	20.509	ng/ul	0.00
15) 4-Methylphenol-d8	9.041	113	58876	18.465	ng/ul	0.00
21) Nitrobenzene-d5	9.517	128	28214	20.408	ng/ul	0.00
24) 2-Nitrophenol-d4	10.245	143	36202	20.042	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.786	165	80458	20.045	ng/ul	0.00
31) 4-Chloroaniline-d4	11.303	131	70282	15.480	ng/ul	0.00
46) Dimethylphthalate-d6	14.340	166	257042	19.888	ng/ul	0.00
49) Acenaphthylene-d8	14.652	160	285269	19.545	ng/ul	0.00
54) 4-Nitrophenol-d4	15.116	143	35282	18.135	ng/ul	0.00
60) Fluorene-d10	15.938	176	245467	19.241	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.044	200	54697	20.619	ng/ul	0.00
73) Anthracene-d10	17.789	188	383894	20.131	ng/ul	0.00
81) Pyrene-d10	20.051	212	465313	21.687	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.228	264	449037	21.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.688	88	8433	6.757	ng/uL	97
5) Pyridine	4.105	79	33321	9.524	ng/ul	97
6) Benzaldehyde	7.466	77	49091	31.563	ng/ul	97
8) Phenol	7.501	94	87529	20.760	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.742	93	54185	19.523	ng/ul	99
12) 2-Chlorophenol	7.901	128	53254	21.175	ng/ul	91
13) 2-Methylphenol	8.776	108	63851	20.169	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.876	45	9623m	26.994	ng/ul	
16) Acetophenone	9.170	105	113112	21.417	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.146	70	46213	20.695	ng/ul	96
18) 4-Methylphenol	9.099	108	71834	20.948	ng/ul	90
19) Hexachloroethane	9.446	117	19933	19.712	ng/ul	96
22) Nitrobenzene	9.558	77	68207	19.882	ng/ul#	98
23) Isophorone	10.081	82	149853	19.105	ng/ul	97
25) 2-Nitrophenol	10.274	139	36909	21.168	ng/ul#	86
26) 2,4-Dimethylphenol	10.316	107	78469	19.019	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.557	93	79484	19.554	ng/ul	95
29) 2,4-Dichlorophenol	10.809	162	80196	20.919	ng/ul	95
30) Naphthalene	11.232	128	203502	20.576	ng/ul	99
32) 4-Chloroaniline	11.326	127	77590	16.960	ng/ul	98
33) Hexachlorobutadiene	11.508	225	66570	18.530	ng/ul	98
34) Caprolactam	12.072	113	24081m	19.647	ng/ul	
35) 4-Chloro-3-methylphenol	12.413	107	77803	21.125	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	12.807	142	158027	19.929	ng/ul	98
37) 1-Methylnaphthalene	13.024	142	157649	19.736	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.165	216	134758	19.567	ng/ul	98
40) Hexachlorocyclopentadiene	13.142	237	63885	14.307	ng/ul	96
41) 2,4,6-Trichlorophenol	13.394	196	86914	21.412	ng/ul	93
42) 2,4,5-Trichlorophenol	13.465	196	96628	21.955	ng/ul	91
43) 1,1'-Biphenyl	13.794	154	238897	20.236	ng/ul	98
44) 2-Chloronaphthalene	13.841	162	197947	20.229	ng/ul	96
45) 2-Nitroaniline	14.029	65	36360	26.758	ng/ul#	61
47) Dimethylphthalate	14.393	163	259715	20.265	ng/ul	99
48) 2,6-Dinitrotoluene	14.517	165	54859	21.686	ng/ul	96
50) Acenaphthylene	14.681	152	299075	20.619	ng/ul	99
51) 3-Nitroaniline	14.846	138	44677	23.512	ng/ul	97
52) Acenaphthene	15.016	153	208480	20.460	ng/ul	95
53) 2,4-Dinitrophenol	15.045	184	36738	18.658	ng/ul#	91
55) 4-Nitrophenol	15.133	109	38106	20.133	ng/ul	90
56) Dibenzofuran	15.351	168	324296	20.333	ng/ul	98
57) 2,4-Dinitrotoluene	15.298	165	75257	21.453	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.562	232	89133	20.488	ng/ul#	97
59) Diethylphthalate	15.739	149	247509	21.617	ng/ul	99
61) Fluorene	15.997	166	261914	19.991	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.980	204	164356	19.310	ng/ul	98
63) 4-Nitroaniline	16.003	138	44636	24.618	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	16.056	198	55464	21.808	ng/ul#	90
67) N-Nitrosodiphenylamine	16.185	169	232880	22.273	ng/ul	99
68) 4-Bromophenyl-phenylether	16.873	248	111705	21.352	ng/ul	96
69) Hexachlorobenzene	16.996	284	109011	21.529	ng/ul	100
70) Atrazine	17.119	200	106295	21.322	ng/ul	97
71) Pentachlorophenol	17.331	266	58824	18.273	ng/ul	90
72) Phenanthrene	17.730	178	481950	23.005	ng/ul	100
74) Anthracene	17.824	178	440470	20.539	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.765	216	139068	22.217	ng/uL	95
76) Pentachlorobenzene	15.269	250	136397	22.074	ng/uL	94
77) Carbazole	18.089	167	379468	21.643	ng/ul	100
78) Di-n-butylphthalate	18.618	149	384000	23.971	ng/ul	99
80) Fluoranthene	19.722	202	705640	27.969	ng/ul#	99
82) Pyrene	20.081	202	668837	26.279	ng/ul#	97
83) Butylbenzylphthalate	20.944	149	164802	30.428	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.873	252	142317	16.305	ng/ul	95
85) Benzo(a)anthracene	21.973	228	655158	24.708	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.843	149	237153	28.583	ng/ul	97
87) Chrysene	22.043	228	602712	24.492	ng/ul	98
89) Di-n-octyl phthalate	23.142	149	402861	26.355	ng/ul	100
90) Benzo(b)fluoranthene	24.352	252	703708	25.806	ng/ul	99
91) Benzo(k)fluoranthene	24.428	252	643513	24.184	ng/ul#	98
93) Benzo(a)pyrene	25.298	252	595548	25.064	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.464	276	733575	23.439	ng/ul#	98
95) Dibenzo(a,h)anthracene	29.528	278	585067	22.350	ng/ul	99
96) Benzo(g,h,i)perylene	30.715	276	565426	22.481	ng/ul#	96

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

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