Quantitation Report (Qedit)

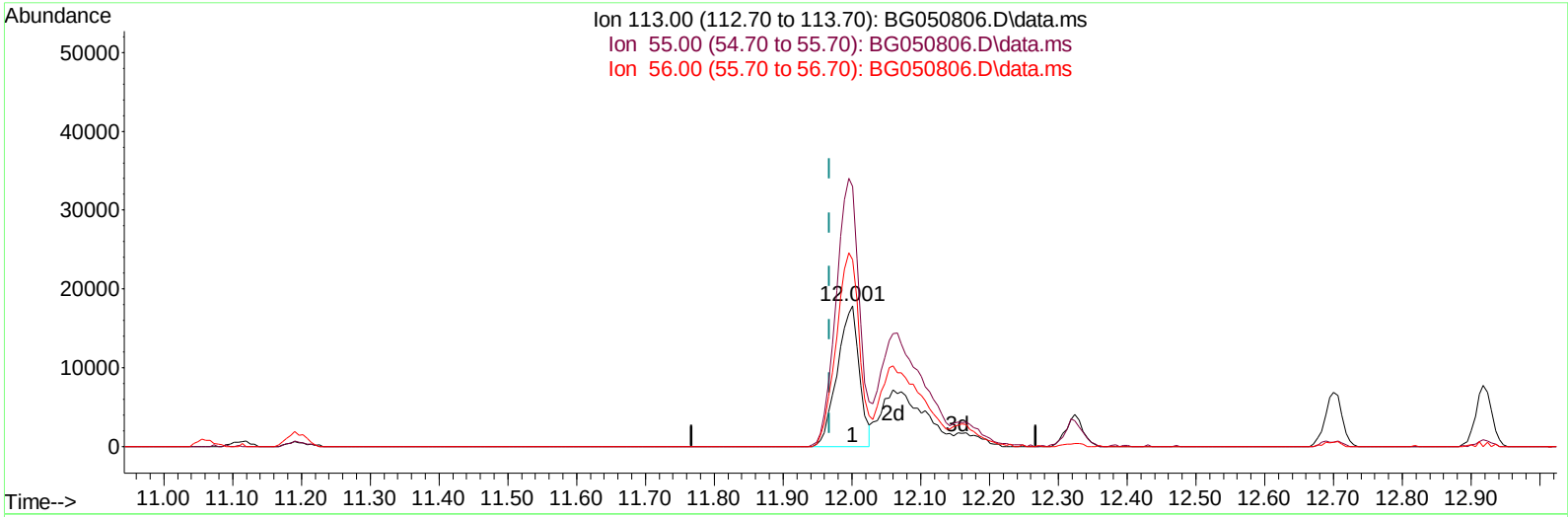
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110221\
Data File : BG050806.D
Acq On : 1 Nov 2021 21:31
Operator : CG/JU
Sample : SSTD08058
Misc :
ALS Vial : 6 Sample Multiplier: 1

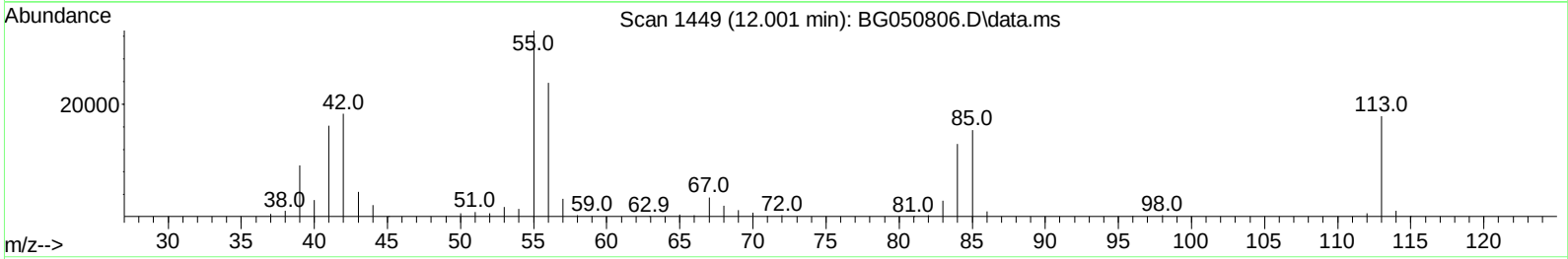
Quant Time: Nov 02 00:52:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 00:48:48 2021
Response via : Initial Calibration

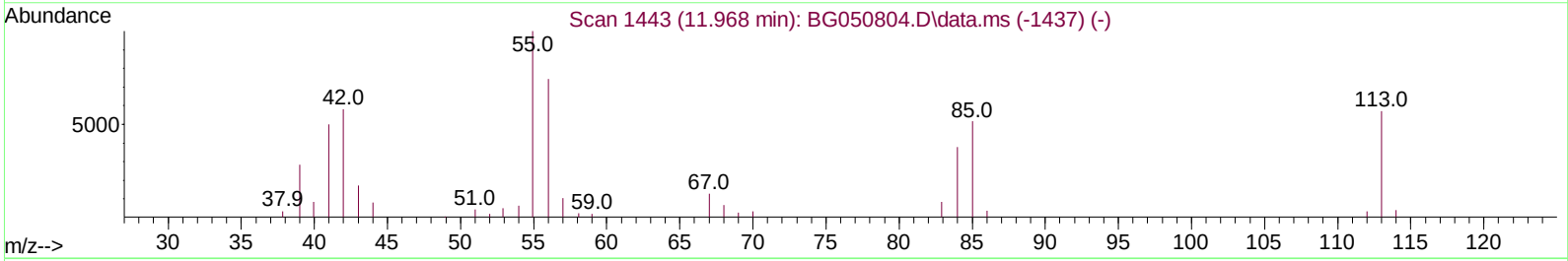
Instrument :
BNA_G
ClientSampleId :
SSTD080409

Manual IntegrationsAPPROVED

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







TIC: BG050806.D\data.ms

(34) Caprolactam

12.001min (+ 0.033) 53.81 ng/ul

response 39538

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.90	184.68
56.00	130.00	132.75
0.00	0.00	0.00

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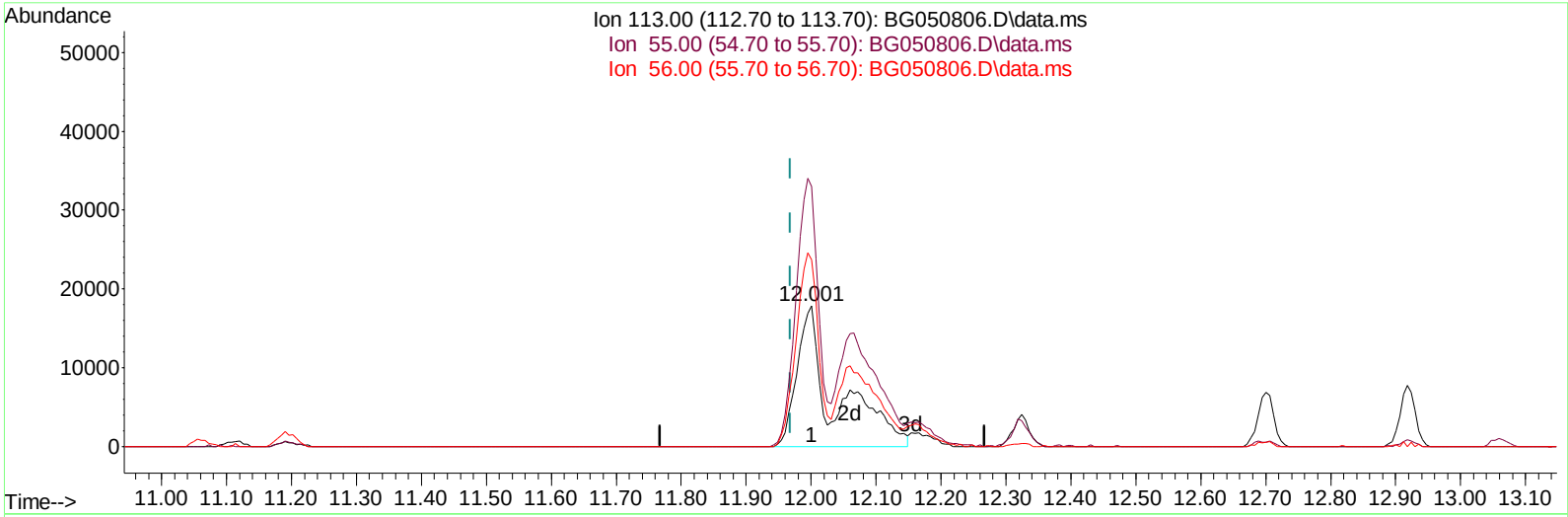

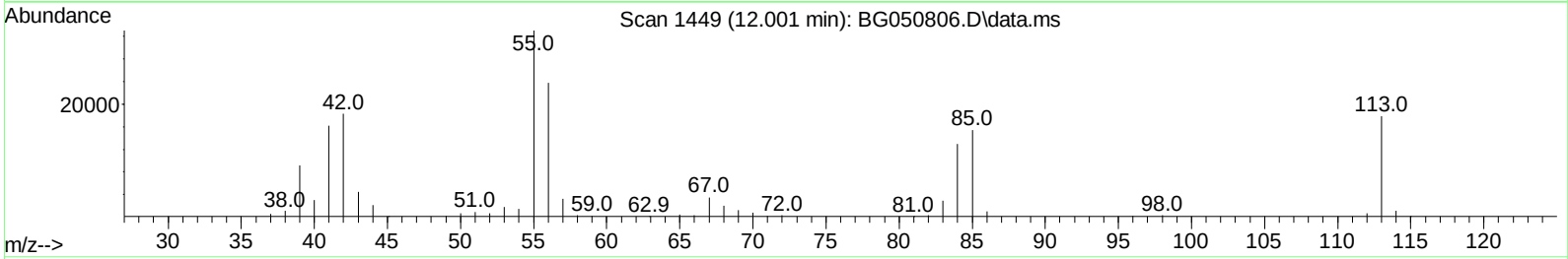

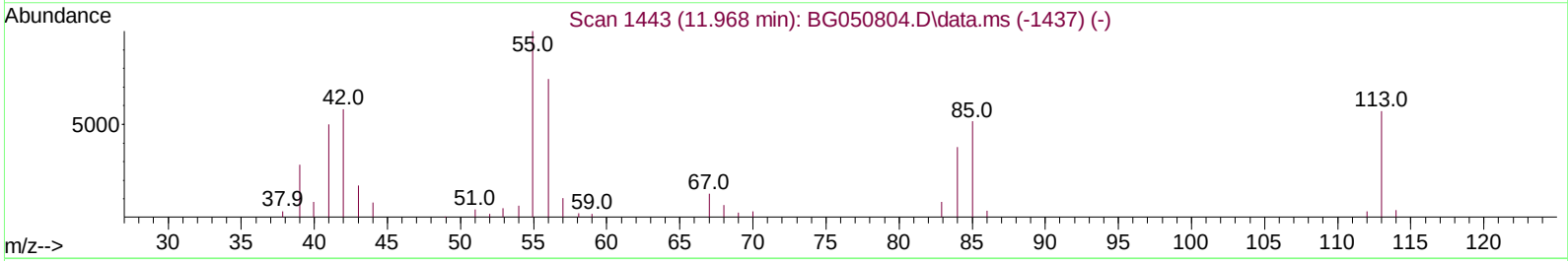

TIC: BG050806.D\data.ms

(34) Caprolactam

12.001min (+ 0.033) 96.91 ng/ul m

response 71205

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.90	184.68
56.00	130.00	132.75
0.00	0.00	0.00

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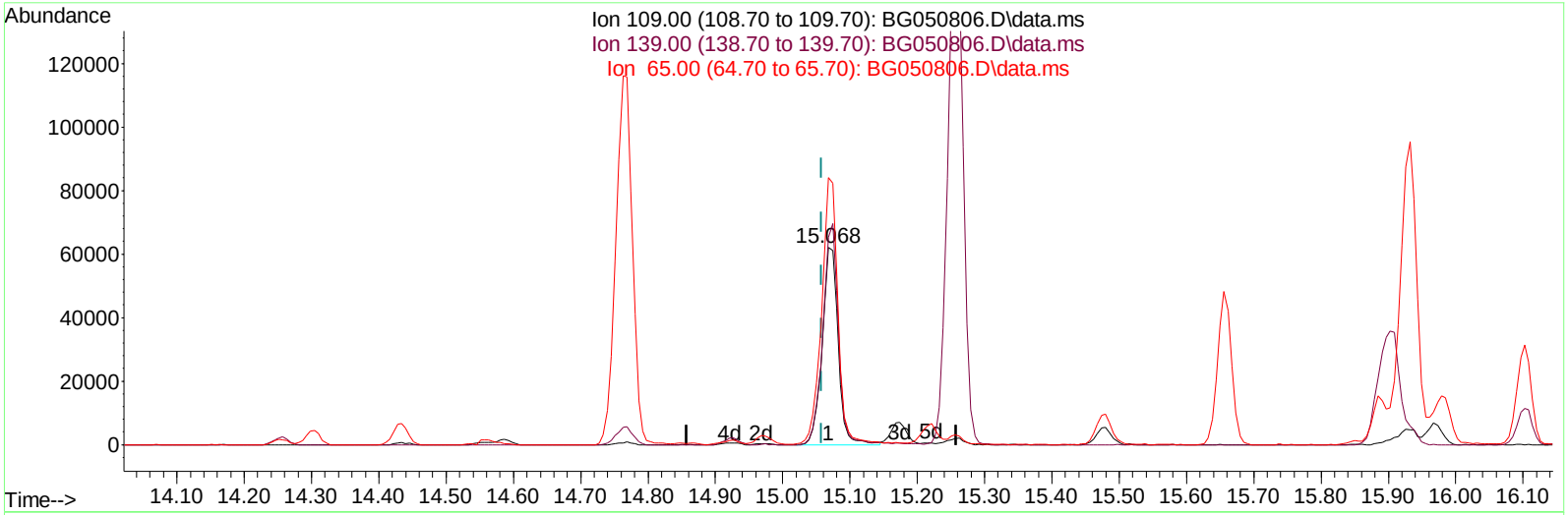

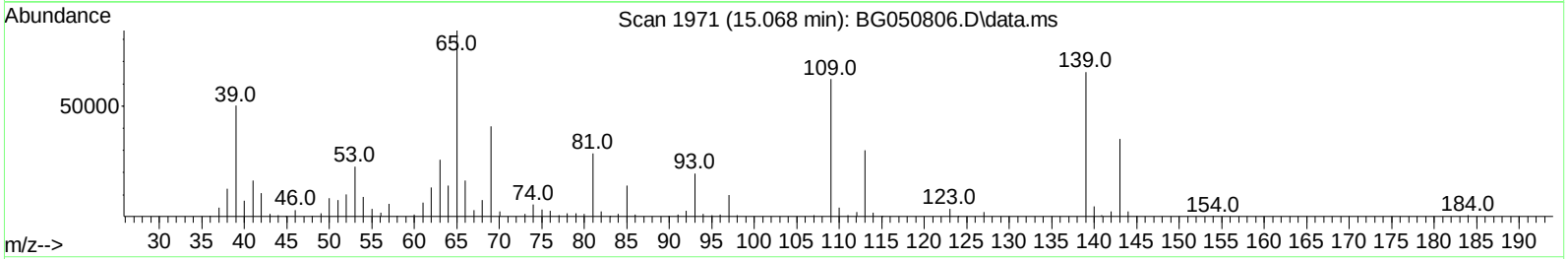

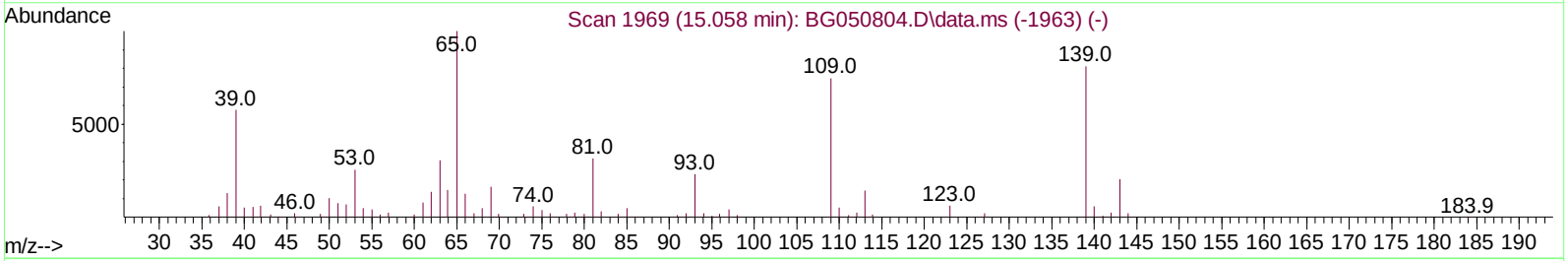

TIC: BG050806.D\data.ms

(55) 4-Nitrophenol

15.068min (+ 0.010) 103.51 ng/ul

response 102225

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	108.50	105.14
65.00	135.90	135.24
0.00	0.00	0.00

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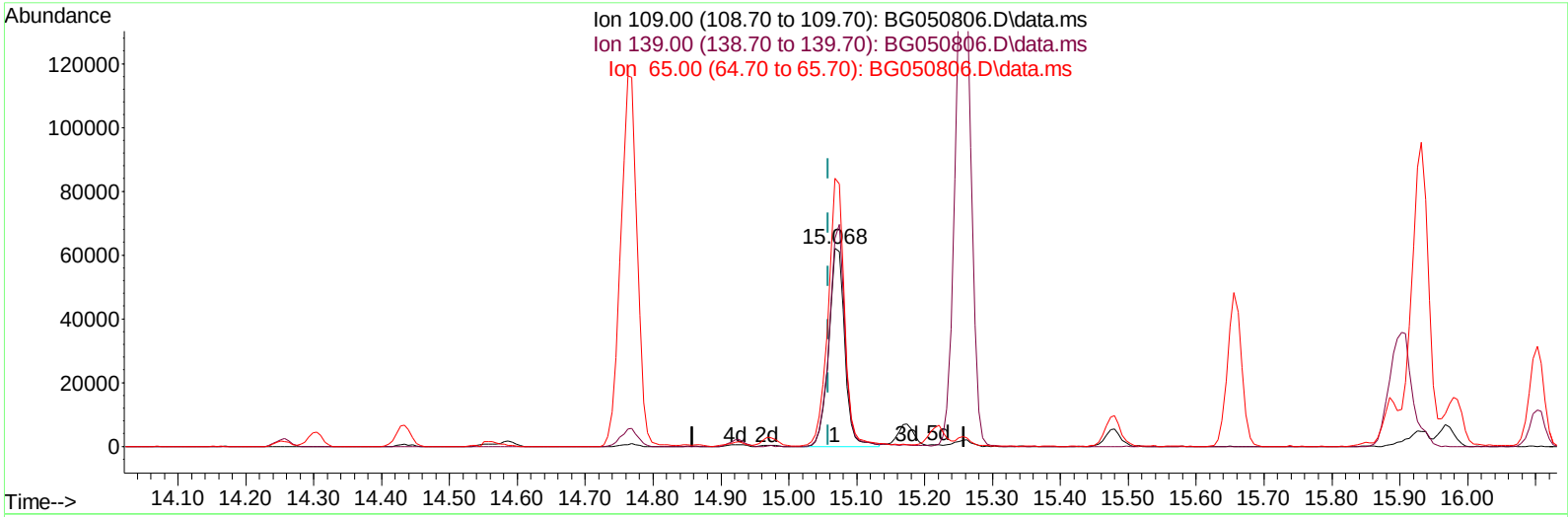

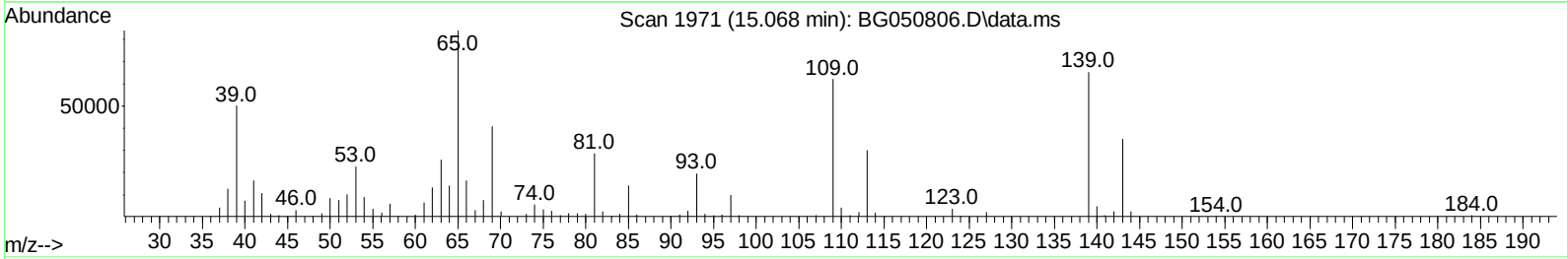

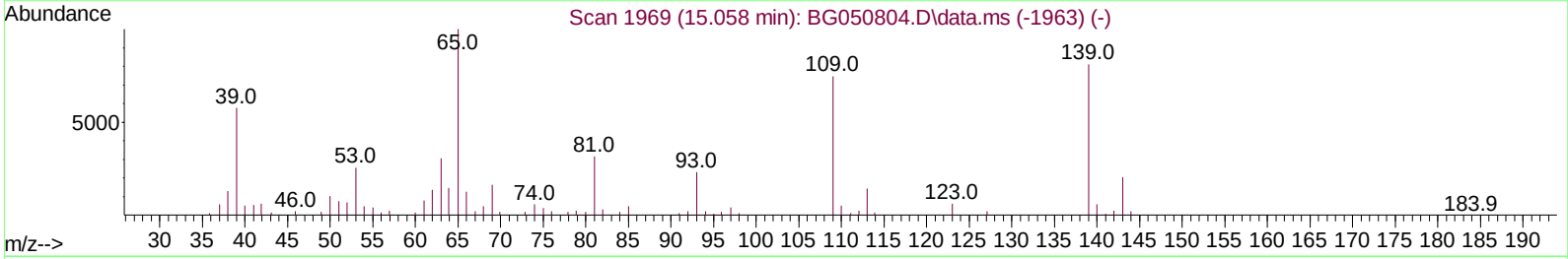

TIC: BG050806.D\data.ms

(55) 4-Nitrophenol

15.068min (+ 0.010) 103.07 ng/ul m

response 101782

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	108.50	105.14
65.00	135.90	135.24
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/03/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	26030	20.000	ng/ul	0.00
20) Naphthalene-d8	11.061	136	121213	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.857	164	80348	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.606	188	185069	20.000	ng/ul	0.00
79) Chrysene-d12	21.901	240	151402	20.000	ng/ul	0.00
88) Perylene-d12	25.309	264	152165	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.588	96	30260	45.804	ng/uL	0.00
4) Pyridine-d5	4.016	84	221969	106.100	ng/ul	0.00
7) Phenol-d5	7.377	99	258564	106.895	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.548	67	163009	104.745	ng/ul	0.00
11) 2-Chlorophenol-d4	7.759	132	180288	106.110	ng/ul	0.00
15) 4-Methylphenol-d8	8.940	113	201666	107.981	ng/ul	0.00
21) Nitrobenzene-d5	9.410	128	97458	105.337	ng/ul	0.00
24) 2-Nitrophenol-d4	10.133	143	112615	107.937	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	186988	102.052	ng/ul	0.00
31) 4-Chloroaniline-d4	11.190	131	266780	99.208	ng/ul	0.00
46) Dimethylphthalate-d6	14.257	166	576063	101.519	ng/ul	0.00
49) Acenaphthylene-d8	14.557	160	708533	100.542	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	111348	108.425	ng/ul	0.02
60) Fluorene-d10	15.850	176	501542	102.850	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.973	200	111415	102.875	ng/ul	0.00
73) Anthracene-d10	17.706	188	775689	97.756	ng/ul	0.00
81) Pyrene-d10	19.980	212	882472	102.280	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.086	264	760435	97.131	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	33095	40.383	ng/uL	94
5) Pyridine	4.034	79	226871	104.288	ng/ul	97
6) Benzaldehyde	7.365	77	166907	138.291	ng/ul	98
8) Phenol	7.407	94	261181	103.507	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.642	93	195332	102.607	ng/ul	98
12) 2-Chlorophenol	7.794	128	180312	105.583	ng/ul	97
13) 2-Methylphenol	8.670	108	195562	104.677	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.752	45	302898	100.783	ng/ul	99
16) Acetophenone	9.063	105	301971	103.239	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.052	70	184996	104.572	ng/ul	98
18) 4-Methylphenol	9.005	108	206882	104.996	ng/ul	95
19) Hexachloroethane	9.328	117	76642	103.998	ng/ul	96
22) Nitrobenzene	9.451	77	262918	97.778	ng/ul	99
23) Isophorone	9.980	82	507328	99.248	ng/ul	100
25) 2-Nitrophenol	10.168	139	110925	102.029	ng/ul	94
26) 2,4-Dimethylphenol	10.215	107	235926	99.263	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.450	93	279488	100.842	ng/ul	99
29) 2,4-Dichlorophenol	10.703	162	179108	101.177	ng/ul	99
30) Naphthalene	11.114	128	599687	96.984	ng/ul	98
32) 4-Chloroaniline	11.220	127	264150	97.807	ng/ul	99
33) Hexachlorobutadiene	11.378	225	117693	98.101	ng/ul	96
34) Caprolactam	12.001	113	71205m	96.908	ng/ul	
35) 4-Chloro-3-methylphenol	12.324	107	224167	101.710	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	12.700	142	406988	98.412	ng/ul	94
37) 1-Methylnaphthalene	12.918	142	414368	99.203	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.065	216	223055	99.930	ng/ul	100
40) Hexachlorocyclopentadiene	13.035	237	120366	100.327	ng/ul	93
41) 2,4,6-Trichlorophenol	13.300	196	156658	106.626	ng/ul	97
42) 2,4,5-Trichlorophenol	13.376	196	165294	106.600	ng/ul	94
43) 1,1'-Biphenyl	13.693	154	537163	96.490	ng/ul	98
44) 2-Chloronaphthalene	13.746	162	423681	98.275	ng/ul	99
45) 2-Nitroaniline	13.946	65	178222	103.651	ng/ul	98
47) Dimethylphthalate	14.304	163	557179	97.784	ng/ul	99
48) 2,6-Dinitrotoluene	14.434	165	125614	106.982	ng/ul	95
50) Acenaphthylene	14.586	152	694642	96.416	ng/ul	98
51) 3-Nitroaniline	14.769	138	128351	113.123	ng/ul	97
52) Acenaphthene	14.921	153	467085	99.237	ng/ul	99
53) 2,4-Dinitrophenol	14.974	184	77420	118.218	ng/ul	92
55) 4-Nitrophenol	15.068	109	101782m	103.066	ng/ul	
56) Dibenzofuran	15.256	168	649115	97.538	ng/ul	98
57) 2,4-Dinitrotoluene	15.221	165	179588	106.600	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.480	232	135446	112.064	ng/ul	98
59) Diethylphthalate	15.656	149	605844	99.530	ng/ul	98
61) Fluorene	15.908	166	515094	97.511	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.885	204	273856	98.300	ng/ul	97
63) 4-Nitroaniline	15.932	138	126940	119.518	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.985	198	108406	103.619	ng/ul#	95
67) N-Nitrosodiphenylamine	16.102	169	468907	95.353	ng/ul	98
68) 4-Bromophenyl-phenylether	16.784	248	175415	100.602	ng/ul	97
69) Hexachlorobenzene	16.907	284	177863	99.878	ng/ul	99
70) Atrazine	17.048	200	203568	96.696	ng/ul	98
71) Pentachlorophenol	17.248	266	97287	107.204	ng/ul	94
72) Phenanthrene	17.648	178	878817	94.992	ng/ul	98
74) Anthracene	17.742	178	866849	93.930	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.664	216	239173	96.656	ng/uL	97
76) Pentachlorobenzene	15.174	250	221314	96.840	ng/uL	98
77) Carbazole	18.006	167	816569	95.290	ng/ul	97
78) Di-n-butylphthalate	18.541	149	1027226	94.913	ng/ul	99
80) Fluoranthene	19.645	202	1043597	94.902	ng/ul	98
82) Pyrene	20.009	202	993740	92.417	ng/ul	99
83) Butylbenzylphthalate	20.873	149	446506	97.952	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.790	252	353219	105.180	ng/ul	98
85) Benzo(a)anthracene	21.884	228	947686	98.695	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.749	149	637978	98.346	ng/ul	99
87) Chrysene	21.954	228	904735	98.959	ng/ul	96
89) Di-n-octyl phthalate	23.024	149	1072372	96.798	ng/ul	100
90) Benzo(b)fluoranthene	24.222	252	951339	97.950	ng/ul	99
91) Benzo(k)fluoranthene	24.299	252	896516	99.044	ng/ul	96
93) Benzo(a)pyrene	25.162	252	915877	98.382	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.240	276	1045766	101.655	ng/ul	98
95) Dibenzo(a,h)anthracene	29.310	278	879948	99.453	ng/ul	98
96) Benzo(g,h,i)perylene	30.474	276	869774	101.205	ng/ul	99

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

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