Quantitation Report (Qedit)

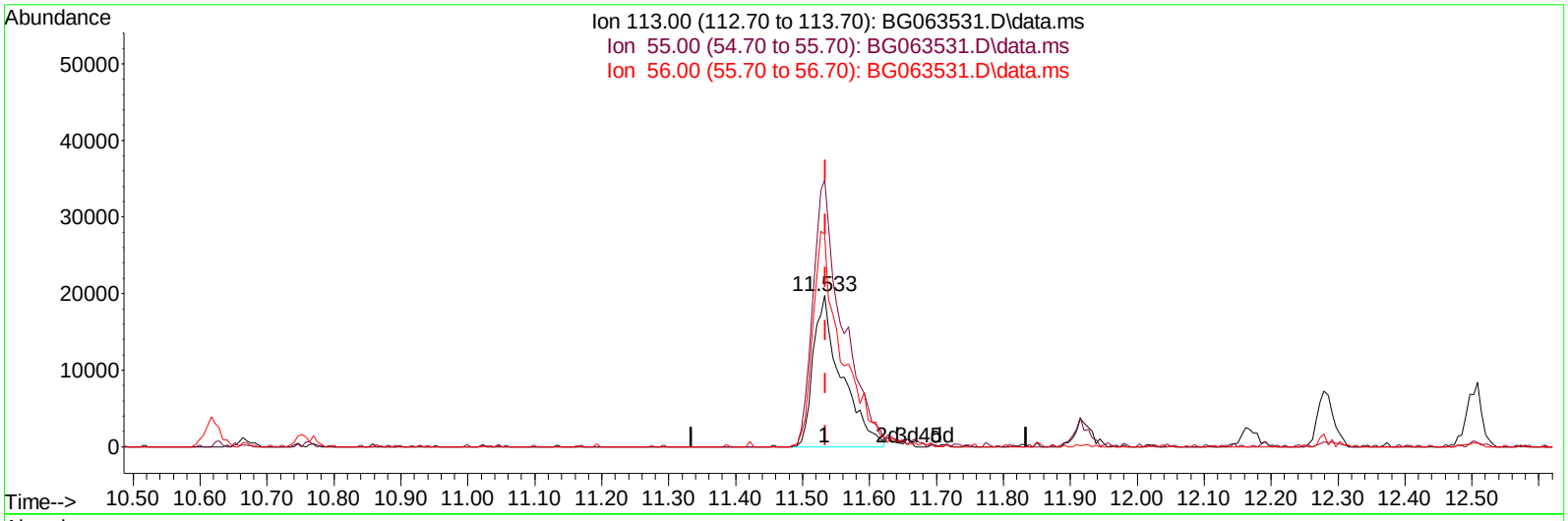
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
Data File : BG063531.D
Acq On : 22 Nov 2024 22:10
Operator : RC/JU
Sample : PB165173BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

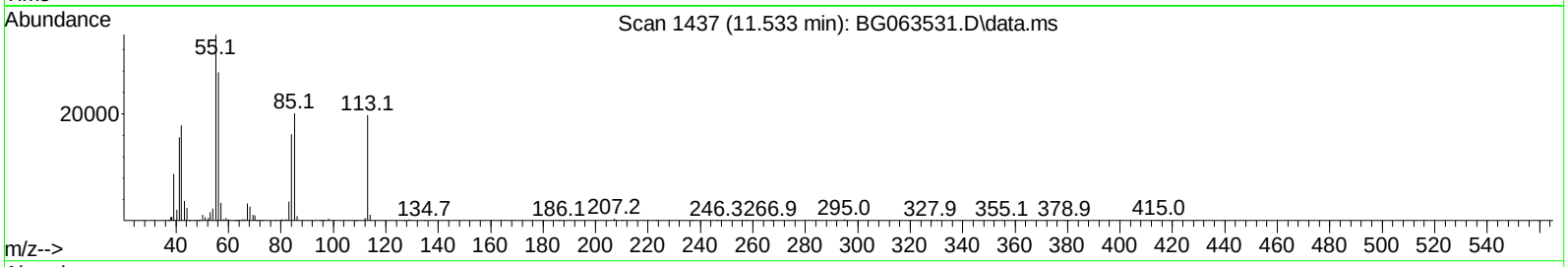
Quant Time: Nov 22 22:45:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

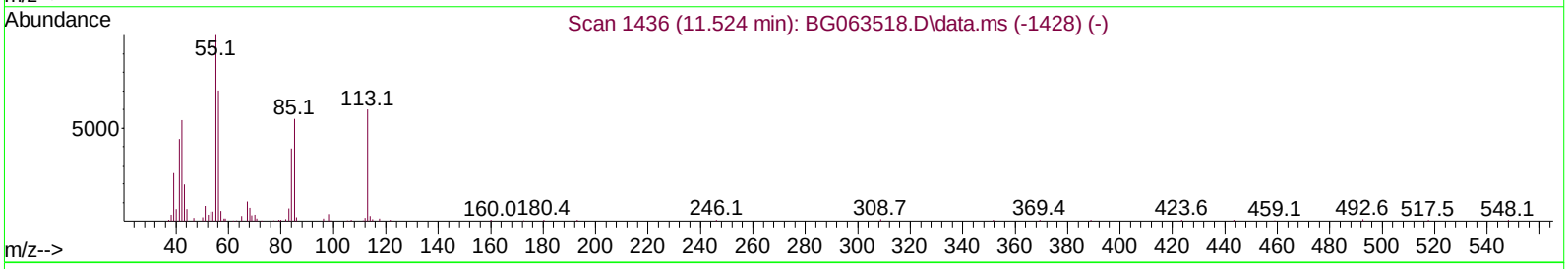
Instrument :
BNA_G
ClientSampleId :
SLCS173

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024







TIC: BG063531.D\data.ms

(34) Caprolactam

11.533min (-0.001) 25.50 ng/ul

response 57660

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	176.47
56.00	137.20	140.62
0.00	0.00	0.00

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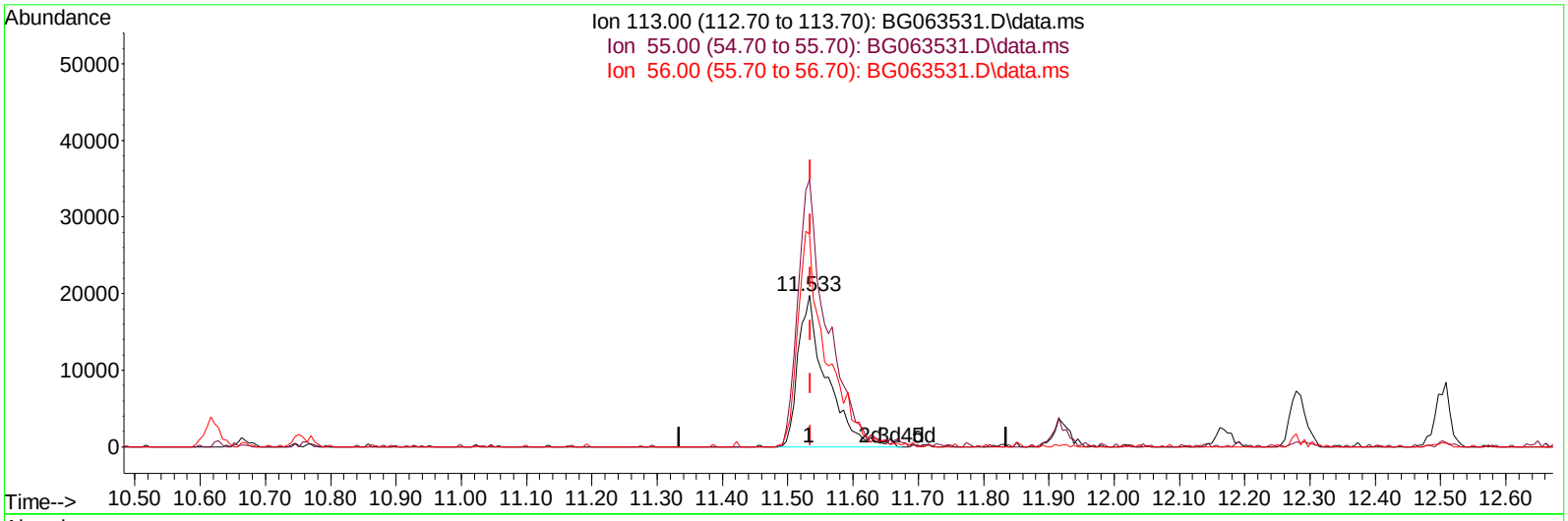

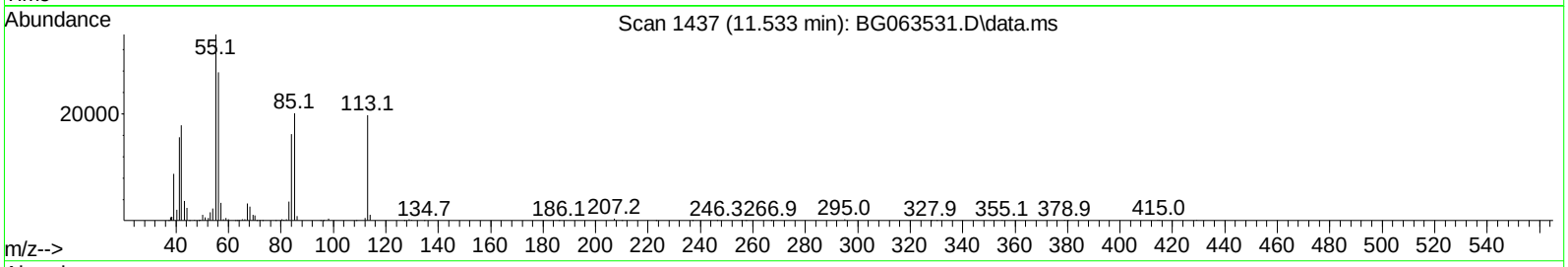

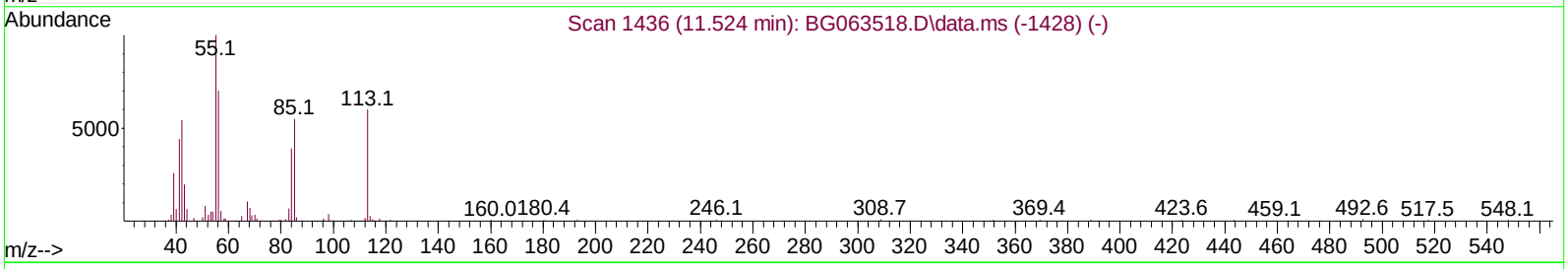

TIC: BG063531.D\data.ms

(34) Caprolactam

11.533min (-0.001) 26.26 ng/ul m

response 59391

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	176.47
56.00	137.20	140.62
0.00	0.00	0.00

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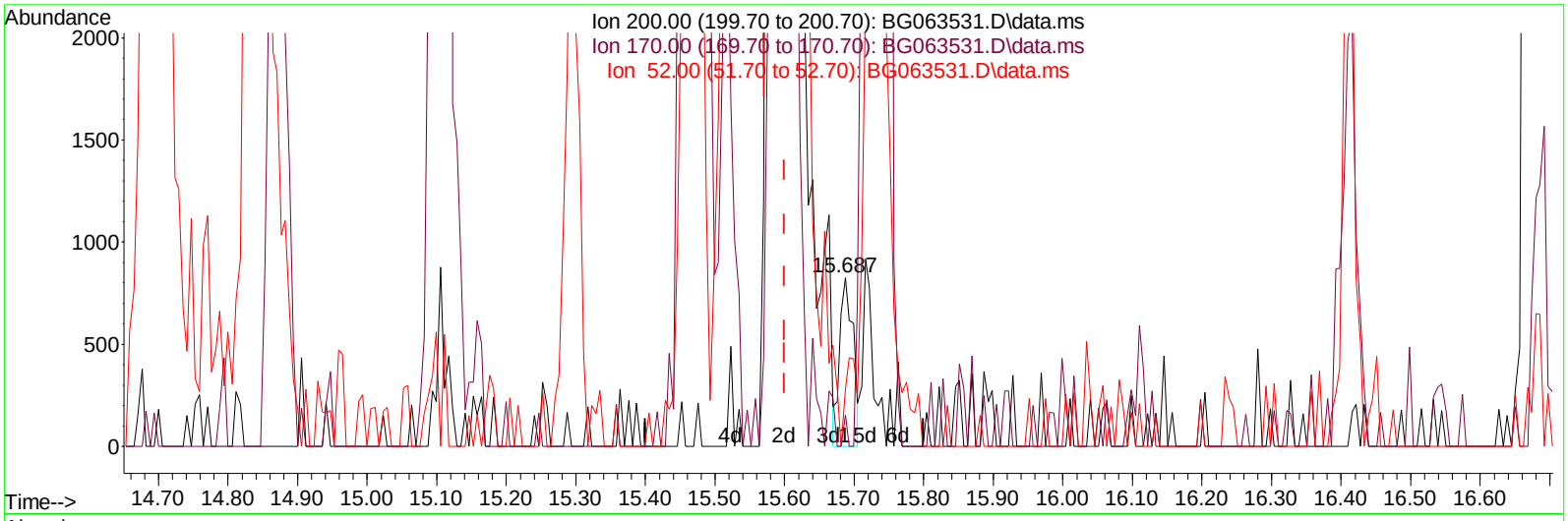

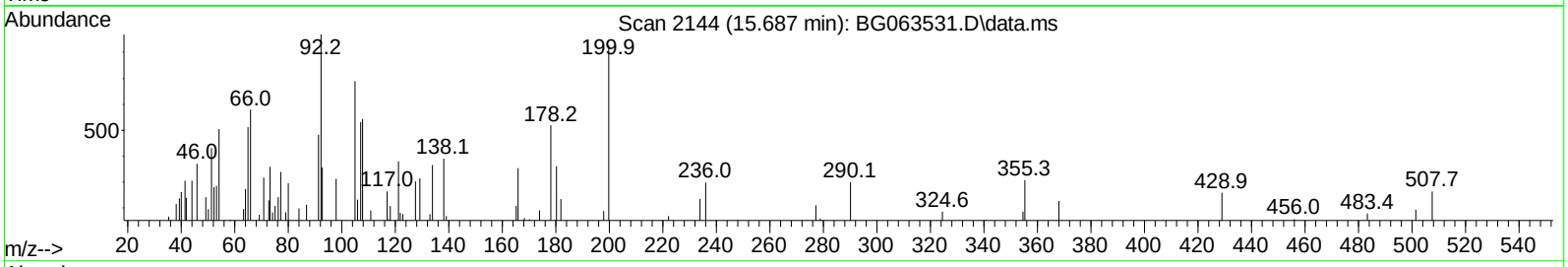

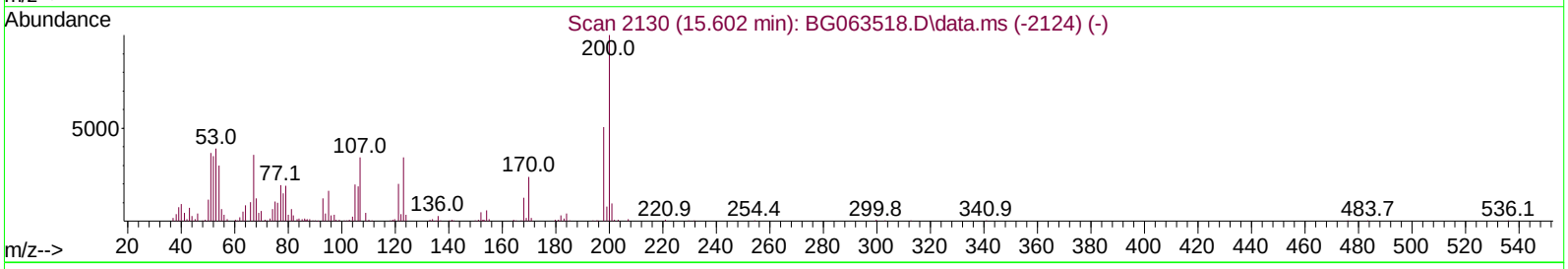

TIC: BG063531.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.687min (+ 0.087) 0.24 ng/ul

response 1104

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.60	18.86
52.00	33.90	33.86
0.00	0.00	0.00

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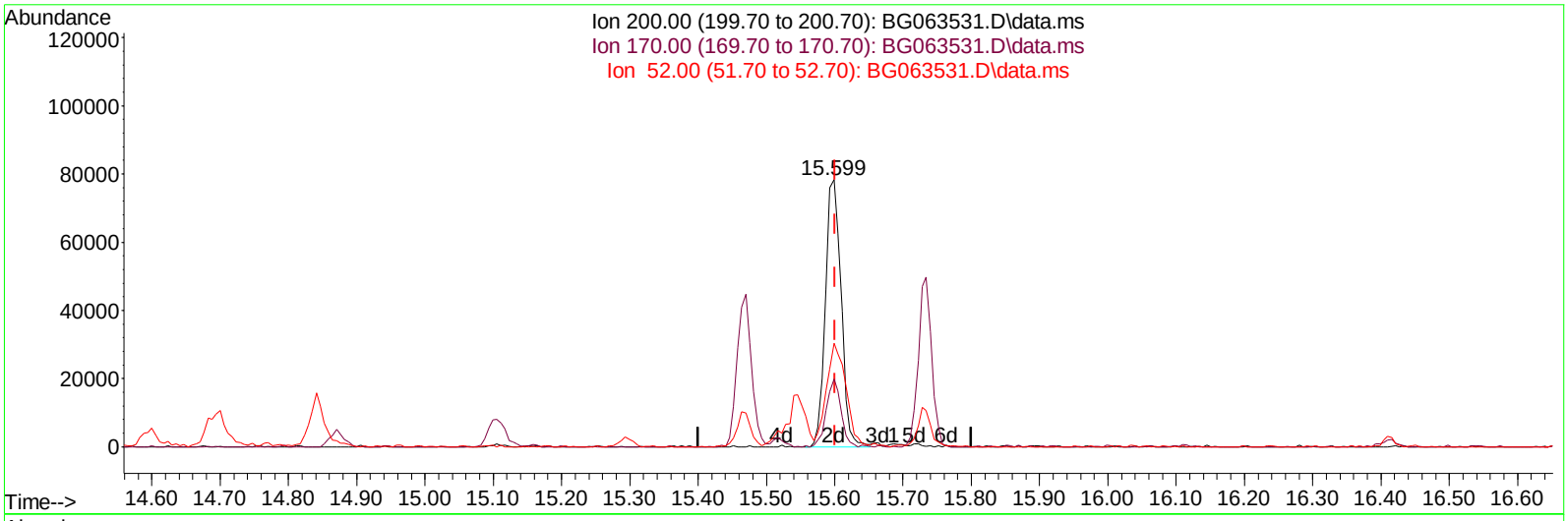

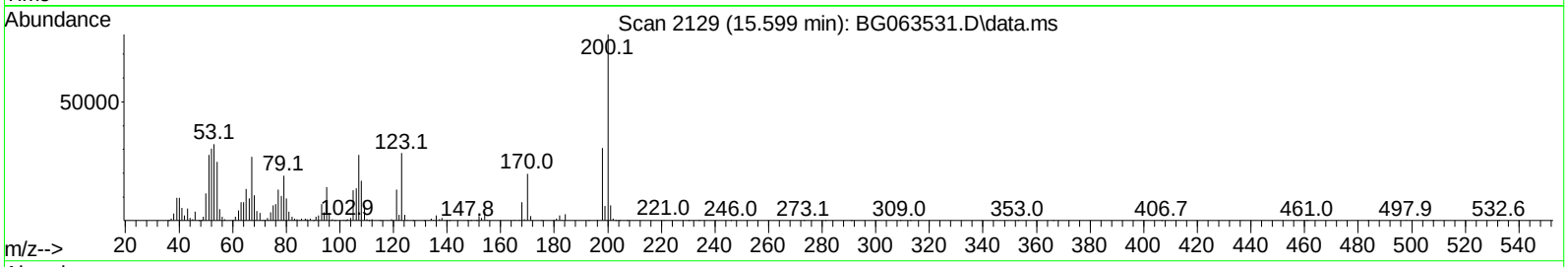

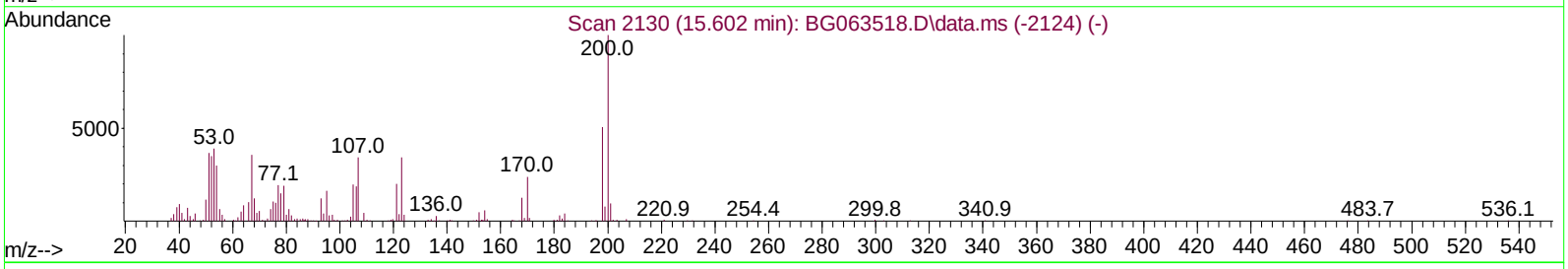

TIC: BG063531.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.599min (-0.001) 27.25 ng/ul m

response 125013

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	19.60	25.39#
52.00	33.90	38.85
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	7.832	152	94022	20.000	ng/ul	0.00
20) Naphthalene-d8	10.622	136	405604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.471	164	327431	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.226	188	815917	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	907544	20.000	ng/ul	0.00
88) Perylene-d12	24.530	264	974828	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	10098	4.239	ng/uL	0.00
4) Pyridine-d5	3.695	84	164675	22.054	ng/ul	-0.01
7) Phenol-d5	7.009	99	213110	27.559	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.162	67	129706	26.152	ng/ul	0.00
11) 2-Chlorophenol-d4	7.361	132	150082	27.387	ng/ul	0.00
15) 4-Methylphenol-d8	8.542	113	172684	26.724	ng/ul	0.00
21) Nitrobenzene-d5	8.983	128	76439	26.243	ng/ul	0.00
24) 2-Nitrophenol-d4	9.706	143	91620	25.462	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.246	165	191759	27.920	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	193739	22.302	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	613006	27.578	ng/ul	0.00
49) Acenaphthylene-d8	14.159	160	677860	26.742	ng/ul	0.00
54) 4-Nitrophenol-d4	14.688	143	85267	25.817	ng/ul	0.00
60) Fluorene-d10	15.470	176	549735	27.218	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.599	200	125013m	27.253	ng/ul	0.00
73) Anthracene-d10	17.326	188	950695	26.820	ng/ul	0.00
81) Pyrene-d10	19.624	212	1253665	27.558	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.324	264	1281034	27.093	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	25297	8.994	ng/uL#	88
5) Pyridine	3.719	79	168199	22.138	ng/ul	96
6) Benzaldehyde	6.974	77	11867	2.681	ng/ul#	82
8) Phenol	7.032	94	224424	26.615	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.250	93	158237	25.999	ng/ul	96
12) 2-Chlorophenol	7.397	128	157296	26.891	ng/ul	98
13) 2-Methylphenol	8.278	108	167983	26.776	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.349	45	233444	26.183	ng/ul	94
16) Acetophenone	8.648	105	259611	25.433	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.631	70	156496	27.434	ng/ul	98
18) 4-Methylphenol	8.607	108	186055	27.039	ng/ul	100
19) Hexachloroethane	8.907	117	64969	25.718	ng/ul	99
22) Nitrobenzene	9.024	77	230202	25.762	ng/ul	98
23) Isophorone	9.547	82	427024	26.171	ng/ul	97
25) 2-Nitrophenol	9.735	139	96288	26.972	ng/ul	90
26) 2,4-Dimethylphenol	9.806	107	161710	21.014	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.029	93	228458	25.293	ng/ul	96
29) 2,4-Dichlorophenol	10.276	162	183077	27.284	ng/ul	96
30) Naphthalene	10.669	128	543159	26.197	ng/ul	96
32) 4-Chloroaniline	10.781	127	105469	12.706	ng/ul	98
33) Hexachlorobutadiene	10.957	225	157640	26.338	ng/ul	88
34) Caprolactam	11.533	113	59391m	26.261	ng/ul	
35) 4-Chloro-3-methylphenol	11.915	107	187396	27.440	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.285	142	395791	26.893	ng/ul	98
37) 1-Methylnaphthalene	12.503	142	384568	24.886	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.655	216	296011	25.726	ng/ul	99
40) Hexachlorocyclopentadiene	12.632	237	89387	18.213	ng/ul#	96
41) 2,4,6-Trichlorophenol	12.902	196	164660	26.080	ng/ul	98
42) 2,4,5-Trichlorophenol	12.978	196	177409	27.228	ng/ul	91
43) 1,1'-Biphenyl	13.302	154	558866	25.718	ng/ul	100
44) 2-Chloronaphthalene	13.343	162	445399	26.085	ng/ul	97
45) 2-Nitroaniline	13.548	65	148828	27.654	ng/ul	91
47) Dimethylphthalate	13.924	163	576981	26.642	ng/ul	98
48) 2,6-Dinitrotoluene	14.048	165	120062	27.326	ng/ul	94
50) Acenaphthylene	14.195	152	669976	26.292	ng/ul	96
51) 3-Nitroaniline	14.377	138	111725	27.764	ng/ul#	94
52) Acenaphthene	14.535	153	484144	26.306	ng/ul	97
53) 2,4-Dinitrophenol	14.600	184	59471	26.363	ng/ul	95
55) 4-Nitrophenol	14.706	109	101690	26.494	ng/ul	99
56) Dibenzofuran	14.870	168	712082	26.967	ng/ul	99
57) 2,4-Dinitrotoluene	14.841	165	180246	26.809	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.105	232	161574	26.095	ng/ul	97
59) Diethylphthalate	15.293	149	600823	27.466	ng/ul	98
61) Fluorene	15.522	166	597591	26.587	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.517	204	360438	26.873	ng/ul	98
63) 4-Nitroaniline	15.546	138	130356	31.642	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.611	198	131138	26.754	ng/ul#	95
67) N-Nitrosodiphenylamine	15.734	169	493796	25.491	ng/ul	95
68) 4-Bromophenyl-phenylether	16.416	248	244296	26.722	ng/ul	99
69) Hexachlorobenzene	16.539	284	249808	26.062	ng/ul	92
70) Atrazine	16.686	200	213618	22.825	ng/ul	93
71) Pentachlorophenol	16.886	266	100320	22.381	ng/ul	96
72) Phenanthrene	17.267	178	1036479	26.648	ng/ul	98
74) Anthracene	17.361	178	1035184	26.064	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.266	216	296199	24.949	ng/ul	99
76) Pentachlorobenzene	14.794	250	299513	25.548	ng/ul	94
77) Carbazole	17.632	167	904920	27.461	ng/ul	100
78) Di-n-butylphthalate	18.196	149	1053800	27.895	ng/ul	98
80) Fluoranthene	19.289	202	1378309	27.401	ng/ul	99
82) Pyrene	19.653	202	1446398	26.834	ng/ul	99
83) Butylbenzylphthalate	20.552	149	476199	27.224	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.386	252	469440	24.080	ng/ul	99
85) Benzo(a)anthracene	21.468	228	1560764	26.597	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	688090	27.065	ng/ul	98
87) Chrysene	21.527	228	1457924	26.570	ng/ul	98
89) Di-n-octyl phthalate	22.532	149	1209996	27.975	ng/ul	100
90) Benzo(b)fluoranthene	23.566	252	1545590	26.407	ng/ul	99
91) Benzo(k)fluoranthene	23.631	252	1597879	27.207	ng/ul	99
93) Benzo(a)pyrene	24.389	252	1438780	26.266	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.967	276	1769814	26.049	ng/ul	100
95) Dibenzo(a,h)anthracene	28.014	278	1457956	26.248	ng/ul	95
96) Benzo(g,h,i)perylene	29.024	276	1369415	26.582	ng/ul	99

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

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