Quantitation Report (Qedit)

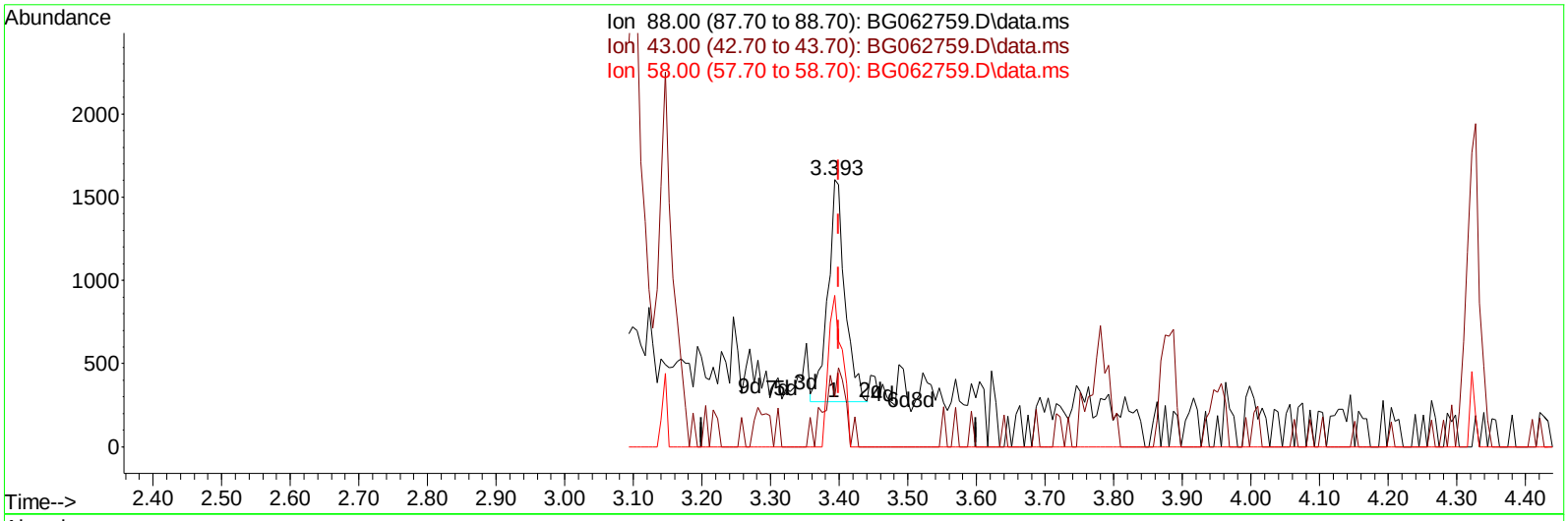
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091224\
Data File : BG062759.D
Acq On : 12 Sep 2024 11:19
Operator : JU/RC
Sample : P3391-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

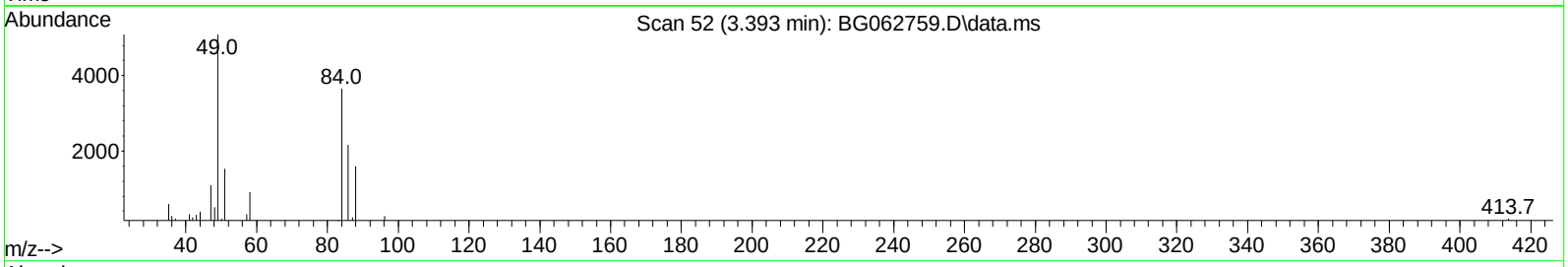
Quant Time: Sep 12 12:00:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

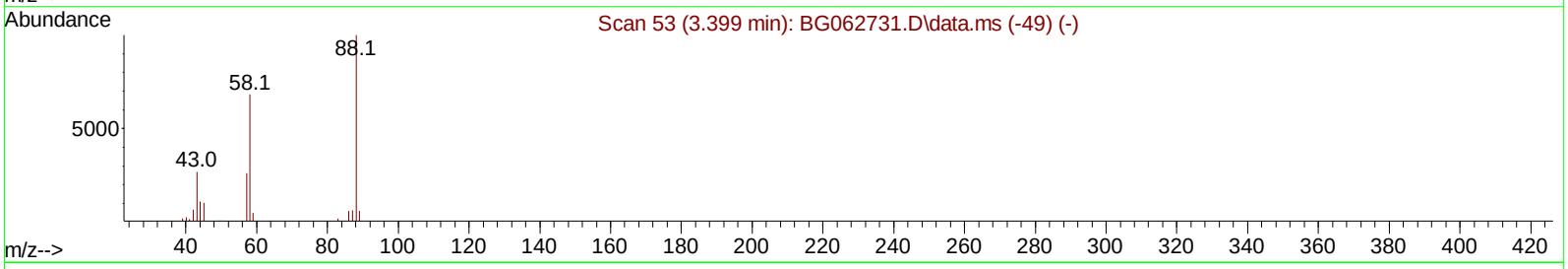
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT3-2024-06

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
Supervised By :mohammad ahmed 09/14/2024







TIC: BG062759.D\data.ms

(2) 1,4-Dioxane

3.393min (-0.006) 1.90 ng/uL

response 2294

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.90	18.83#
58.00	71.50	56.73#
0.00	0.00	0.00

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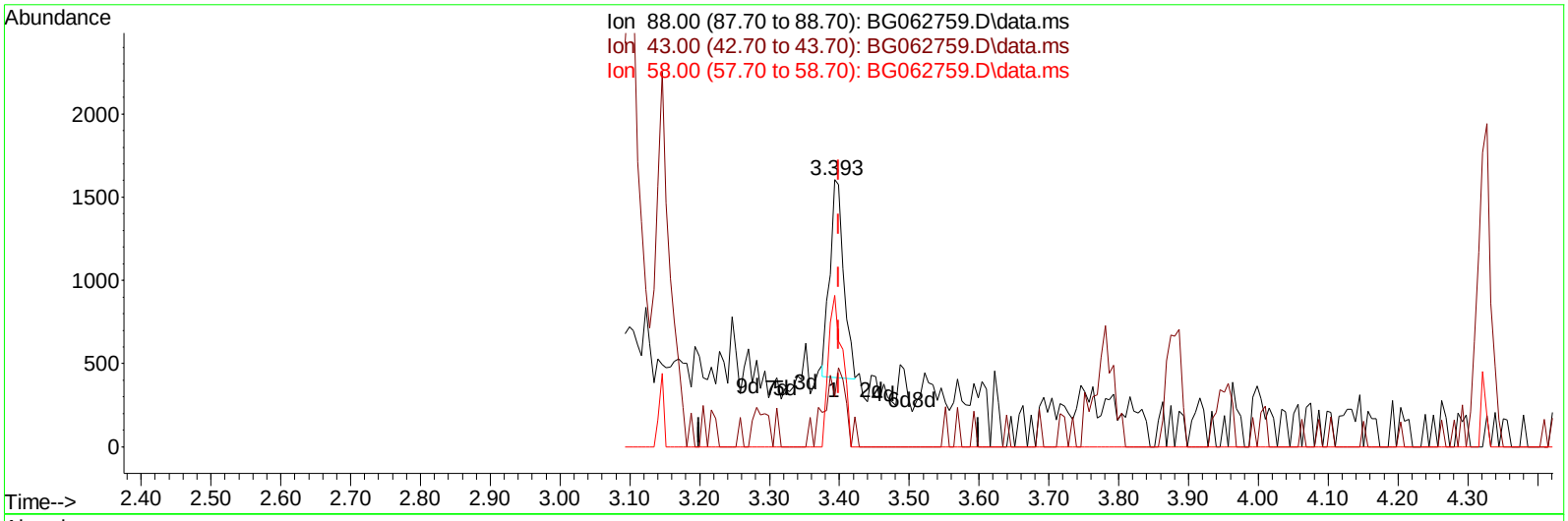

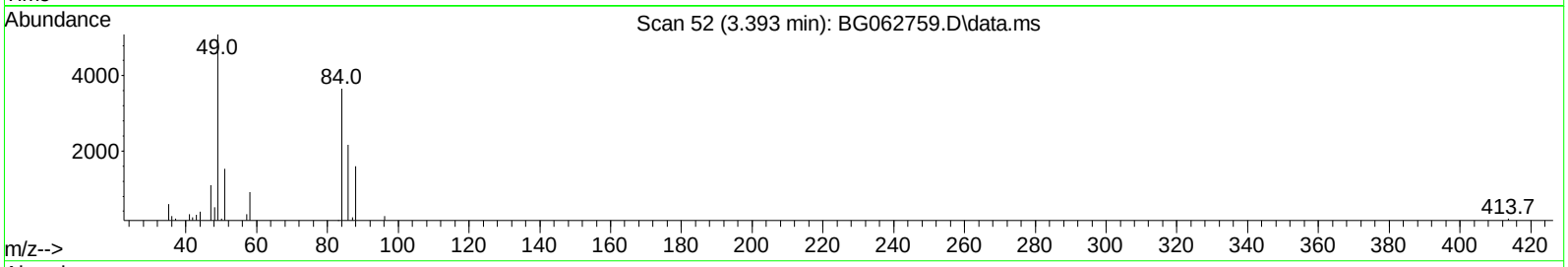

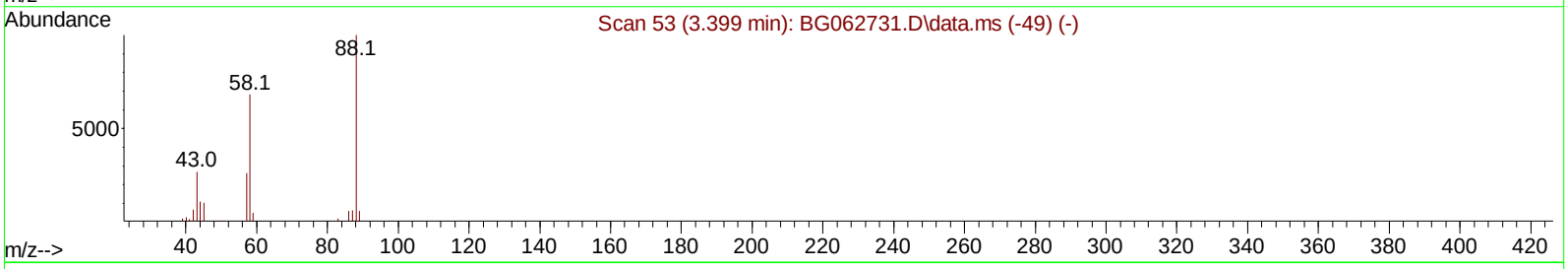

TIC: BG062759.D\data.ms

(2) 1,4-Dioxane

3.393min (-0.006) 1.36 ng/uL m

response 1642

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	28.90	18.83#
58.00	71.50	56.73#
0.00	0.00	0.00

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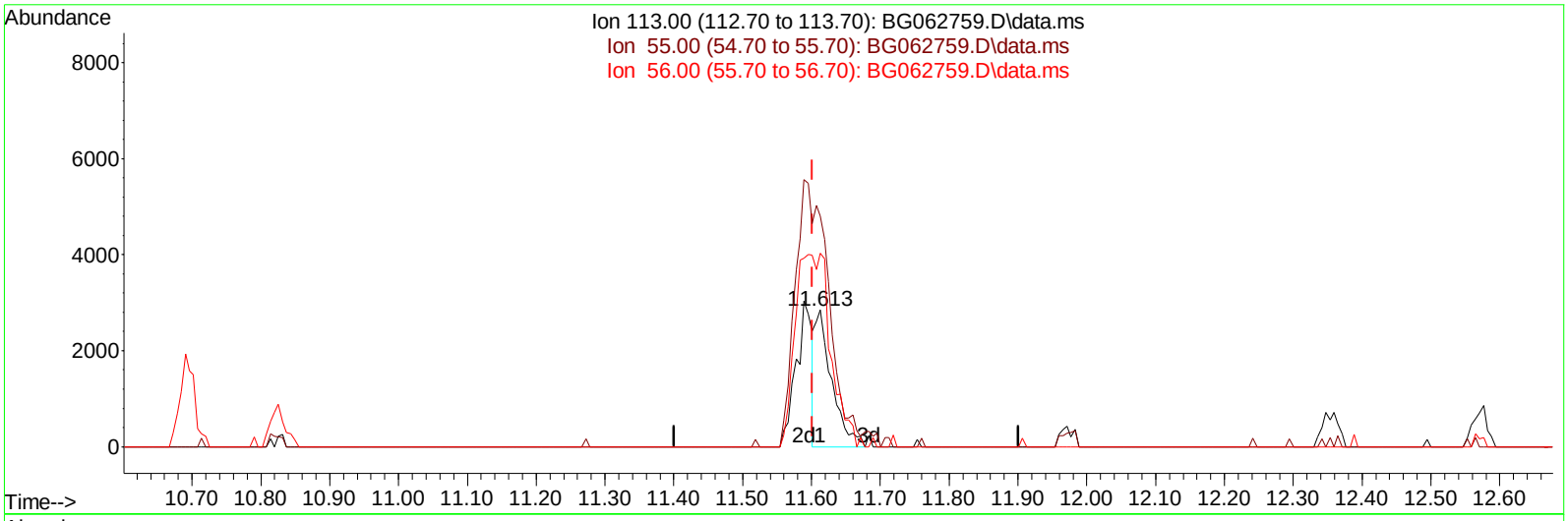

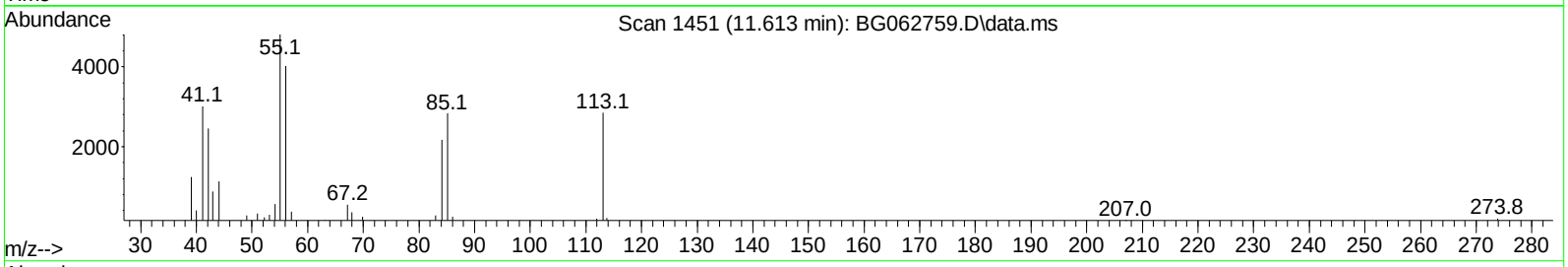

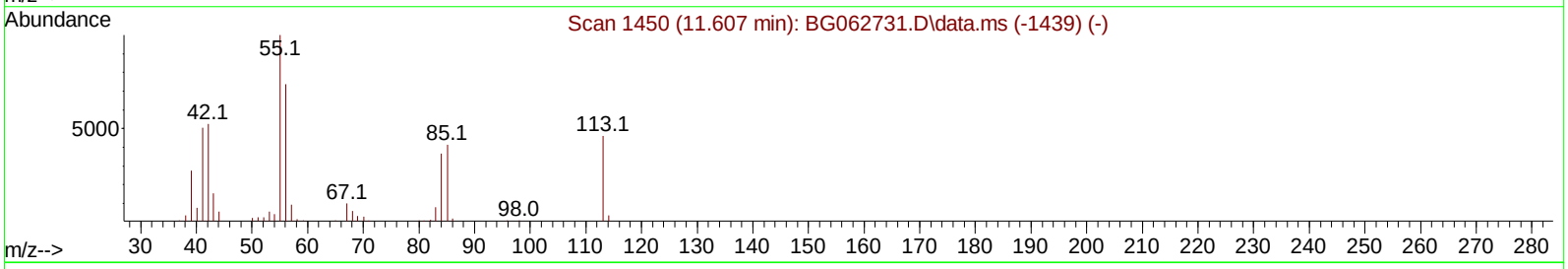

TIC: BG062759.D\data.ms

(34) Caprolactam

11.613min (+ 0.012) 3.62 ng/ul

response 4776

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	169.01
56.00	156.30	141.57
0.00	0.00	0.00

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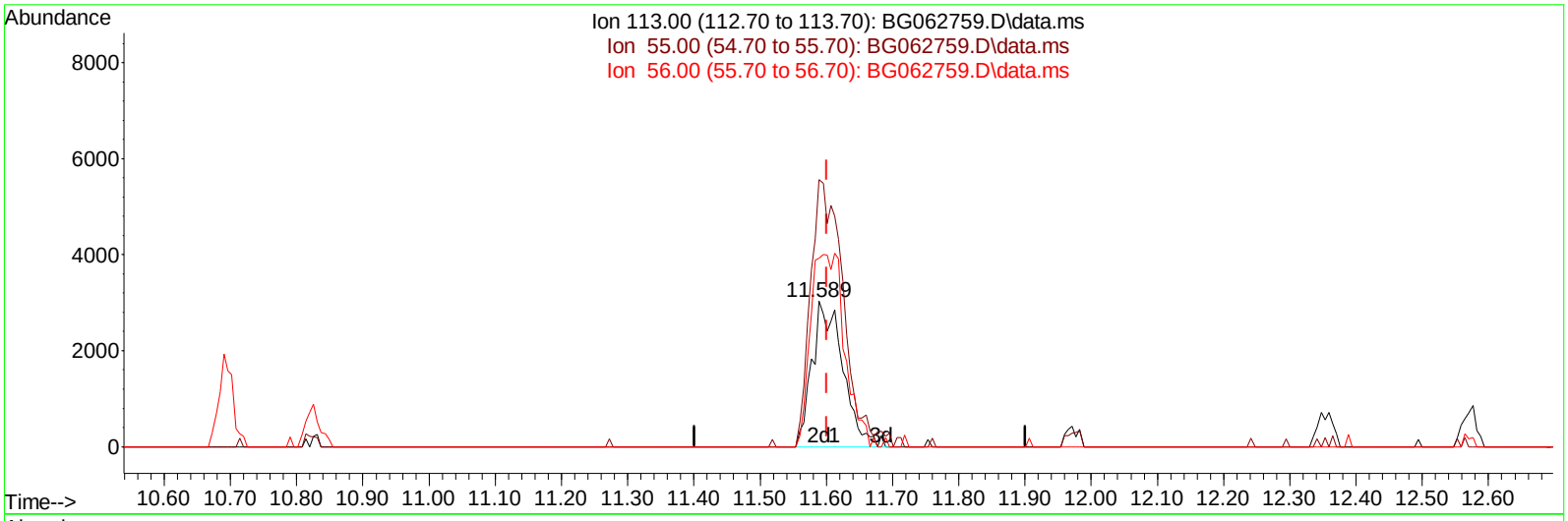

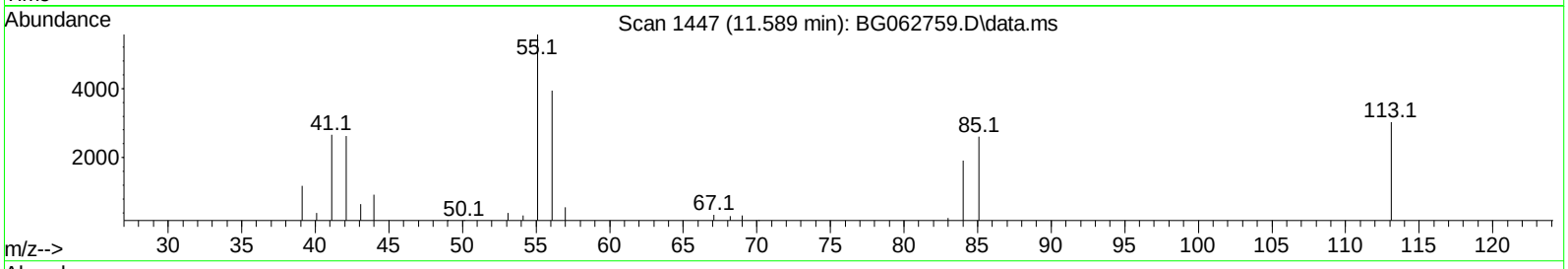

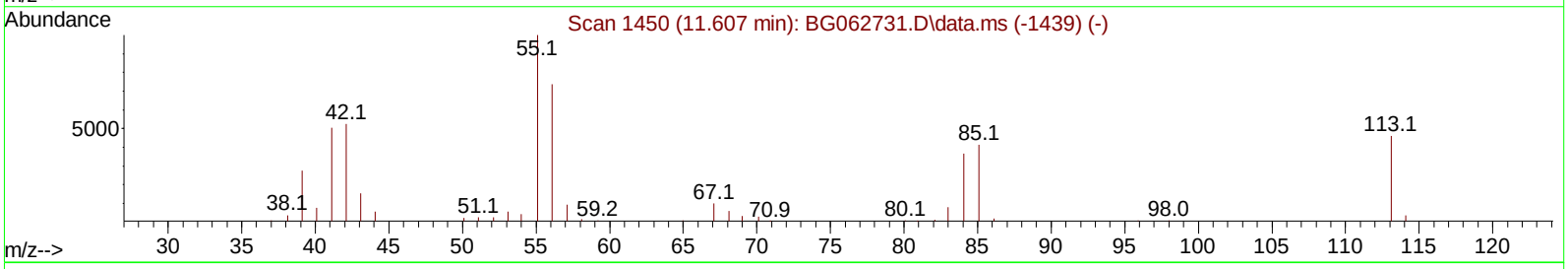

TIC: BG062759.D\data.ms

(34) Caprolactam

11.589min (-0.012) 7.40 ng/ul m

response 9759

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	183.47
56.00	156.30	129.74
0.00	0.00	0.00

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Acq On : 12 Sep 2024 11:19
Operator : JU/RC
Sample : P3391-02
Misc :
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Quant Time: Sep 12 12:03:47 2024
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	48756	20.000	ng/ul	0.00
20) Naphthalene-d8	10.696	136	213347	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	211799	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	573413	20.000	ng/ul	0.00
79) Chrysene-d12	21.519	240	630606	20.000	ng/ul	0.00
88) Perylene-d12	24.586	264	646088	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	5884	5.455	ng/uL	0.00
4) Pyridine-d5	3.763	84	93838	27.332	ng/ul	0.00
7) Phenol-d5	7.065	99	93953	21.976	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.230	67	54325	21.194	ng/ul	0.00
11) 2-Chlorophenol-d4	7.435	132	69598	22.349	ng/ul	0.00
15) 4-Methylphenol-d8	8.605	113	72479	20.343	ng/ul	0.00
21) Nitrobenzene-d5	9.051	128	36832	24.155	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	41371	24.808	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.314	165	80853	22.263	ng/ul	0.00
31) 4-Chloroaniline-d4	10.825	131	99940	20.020	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	340525	20.878	ng/ul	0.00
49) Acenaphthylene-d8	14.221	160	401421	22.161	ng/ul	0.00
54) 4-Nitrophenol-d4	14.727	143	58420	21.085	ng/ul	0.00
60) Fluorene-d10	15.526	176	335398	22.820	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.637	200	66875	20.275	ng/ul	0.00
73) Anthracene-d10	17.371	188	526756	19.465	ng/ul	0.00
81) Pyrene-d10	19.662	212	782673	22.056	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.374	264	780208	22.870	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	1642m	1.358	ng/uL	
5) Pyridine	3.787	79	19034	5.286	ng/ul#	79
6) Benzaldehyde	7.042	77	11197	4.763	ng/ul	97
8) Phenol	7.095	94	18944	4.263	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.324	93	14766	4.395	ng/ul	99
12) 2-Chlorophenol	7.471	128	14411	4.526	ng/ul	97
13) 2-Methylphenol	8.346	108	13873	4.163	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	26781	4.429	ng/ul#	97
16) Acetophenone	8.716	105	25518	4.407	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.704	70	12574	4.148	ng/ul#	97
18) 4-Methylphenol	8.669	108	15335	4.090	ng/ul	98
19) Hexachloroethane	8.986	117	5930	4.626	ng/ul#	74
22) Nitrobenzene	9.098	77	20054	4.862	ng/ul	93
23) Isophorone	9.615	82	35459	4.205	ng/ul	99
25) 2-Nitrophenol	9.809	139	8869	4.825	ng/ul	96
26) 2,4-Dimethylphenol	9.868	107	7296	1.858	ng/ul#	84
27) Bis(2-Chloroethoxy)met...	10.103	93	19873	4.216	ng/ul	99
29) 2,4-Dichlorophenol	10.344	162	16677	4.662	ng/ul	99
30) Naphthalene	10.743	128	53786	4.702	ng/ul	98
32) 4-Chloroaniline	10.849	127	20803	4.190	ng/ul	92
33) Hexachlorobutadiene	11.037	225	14600	4.900	ng/ul	94
34) Caprolactam	11.589	113	9759m	7.403	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	20000	5.126	ng/ul	96

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.353	142	47736	5.654	ng/ul	92
37) 1-Methylnaphthalene	12.570	142	49600	5.735	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.723	216	34396	4.724	ng/ul	93
40) Hexachlorocyclopentadiene	12.706	237	16353	4.389	ng/ul	94
41) 2,4,6-Trichlorophenol	12.964	196	19625	4.450	ng/ul	92
42) 2,4,5-Trichlorophenol	13.035	196	21791	4.602	ng/ul	94
43) 1,1'-Biphenyl	13.364	154	68141	4.575	ng/ul	97
44) 2-Chloronaphthalene	13.405	162	58185	4.804	ng/ul	98
45) 2-Nitroaniline	13.605	65	13858	4.170	ng/ul	91
47) Dimethylphthalate	13.981	163	74402	4.430	ng/ul#	98
48) 2,6-Dinitrotoluene	14.098	165	12906	4.361	ng/ul	89
50) Acenaphthylene	14.251	152	91824	4.801	ng/ul	98
51) 3-Nitroaniline	14.427	138	12029	4.060	ng/ul#	95
52) Acenaphthene	14.592	153	64123	4.734	ng/ul	98
53) 2,4-Dinitrophenol	14.639	184	11760	6.018	ng/ul	90
55) 4-Nitrophenol	14.739	109	10977	4.407	ng/ul	86
56) Dibenzofuran	14.927	168	93277	4.635	ng/ul	96
57) 2,4-Dinitrotoluene	14.885	165	20686	4.471	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.156	232	22535	4.696	ng/ul#	96
59) Diethylphthalate	15.344	149	75227	4.540	ng/ul	99
61) Fluorene	15.579	166	76381	4.832	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.573	204	45054	4.859	ng/ul	99
63) 4-Nitroaniline	15.590	138	13066	4.098	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.655	198	15568	4.553	ng/ul	97
67) N-Nitrosodiphenylamine	15.784	169	63936	4.348	ng/ul	95
68) 4-Bromophenyl-phenylether	16.466	248	30431	4.612	ng/ul	97
69) Hexachlorobenzene	16.583	284	36425	4.835	ng/ul	95
70) Atrazine	16.730	200	30513	4.659	ng/ul	97
71) Pentachlorophenol	16.924	266	29570	6.562	ng/ul	94
72) Phenanthrene	17.318	178	140375	4.708	ng/ul	98
74) Anthracene	17.406	178	128016	4.211	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	32984	4.212	ng/ul	98
76) Pentachlorobenzene	14.850	250	39726	4.578	ng/ul	96
77) Carbazole	17.676	167	118868	4.715	ng/ul	99
78) Di-n-butylphthalate	18.240	149	135331	4.539	ng/ul	100
80) Fluoranthene	19.327	202	180634	4.596	ng/ul	99
82) Pyrene	19.692	202	196979	4.656	ng/ul	98
83) Butylbenzylphthalate	20.585	149	57651	4.590	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.425	252	73364	5.526	ng/ul	99
85) Benzo(a)anthracene	21.501	228	202152	4.609	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.419	149	88866	4.806	ng/ul	99
87) Chrysene	21.566	228	196796	4.730	ng/ul	98
89) Di-n-octyl phthalate	22.576	149	146469	4.874	ng/ul	100
90) Benzo(b)fluoranthene	23.610	252	197058	4.940	ng/ul	99
91) Benzo(k)fluoranthene	23.675	252	196169	4.803	ng/ul	99
93) Benzo(a)pyrene	24.439	252	179983	4.784	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.023	276	215918	4.658	ng/ul	94
95) Dibenzo(a,h)anthracene	28.082	278	180740	4.854	ng/ul	98
96) Benzo(g,h,i)perylene	29.104	276	177297	4.952	ng/ul	97

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

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