Quantitation Report (Qedit)

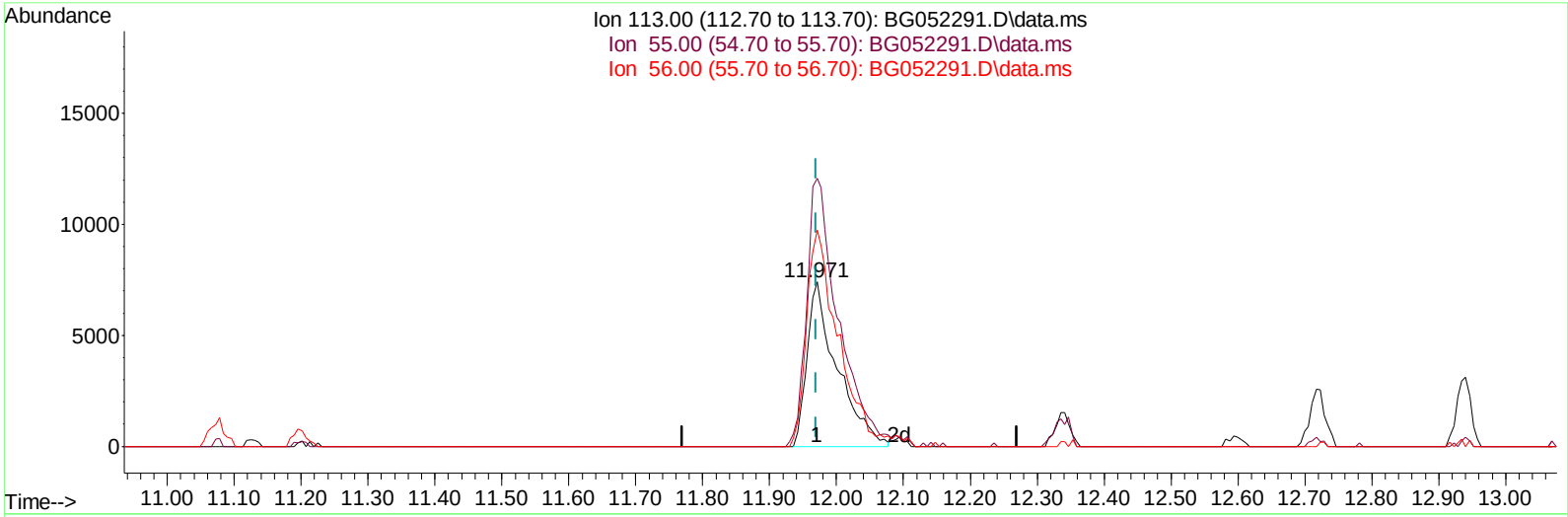
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020322\
Data File : BG052291.D
Acq On : 4 Feb 2022 5:46
Operator : CG/JU
Sample : PB142413BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

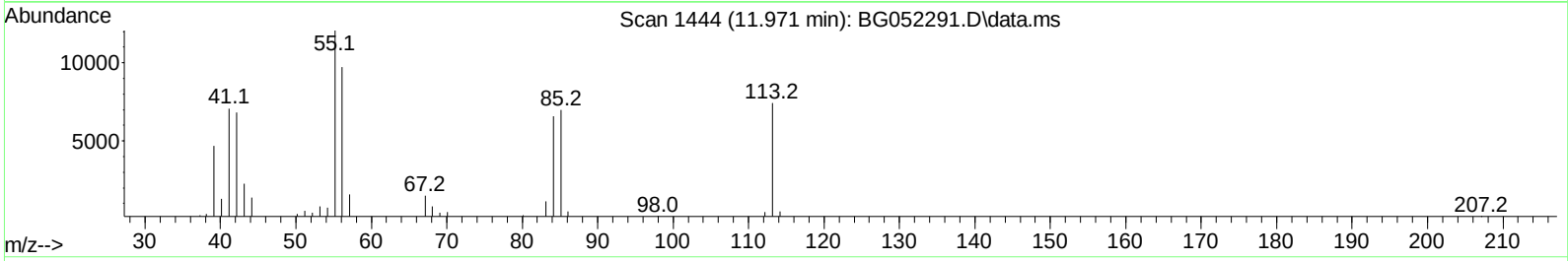
Quant Time: Feb 04 06:23:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG013122.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 31 18:07:10 2022
Response via : Initial Calibration

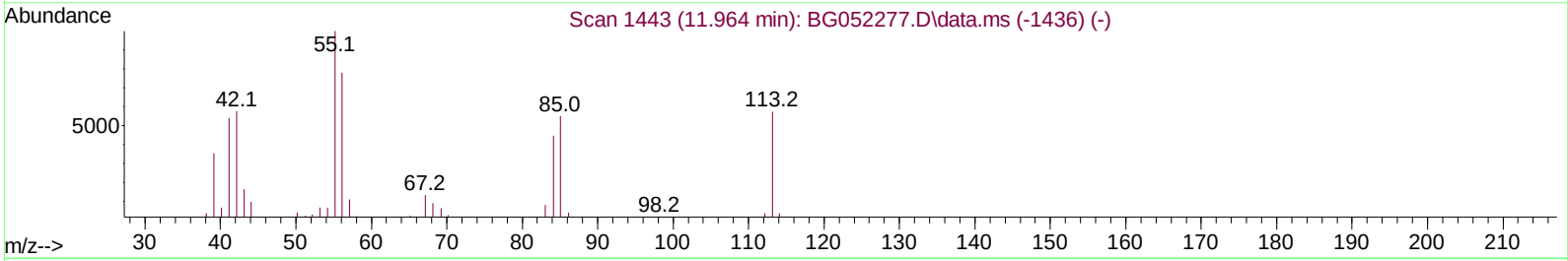
Instrument :
BNA_G
ClientSampleId :
SLCS413

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2022
Supervised By :Yogesh Patel 02/08/2022







TIC: BG052291.D\data.ms

(34) Caprolactam

11.971min (+ 0.001) 30.54 ng/ul

response 23028

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	162.62
56.00	136.50	131.30
0.00	0.00	0.00

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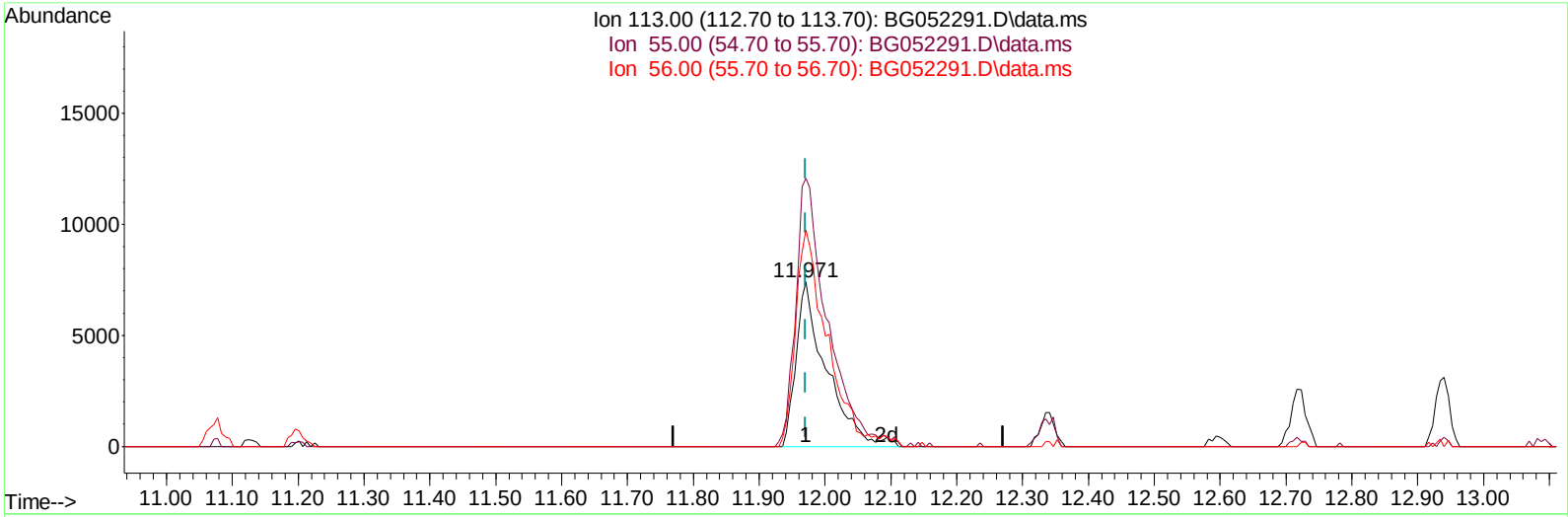

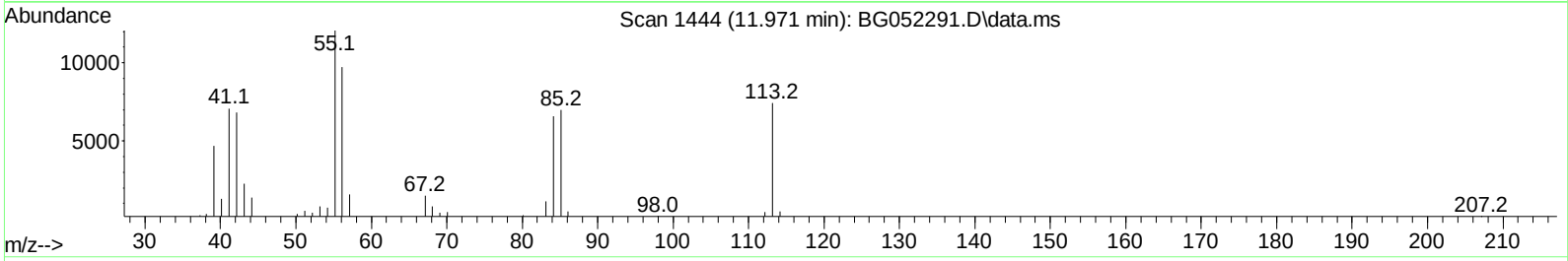

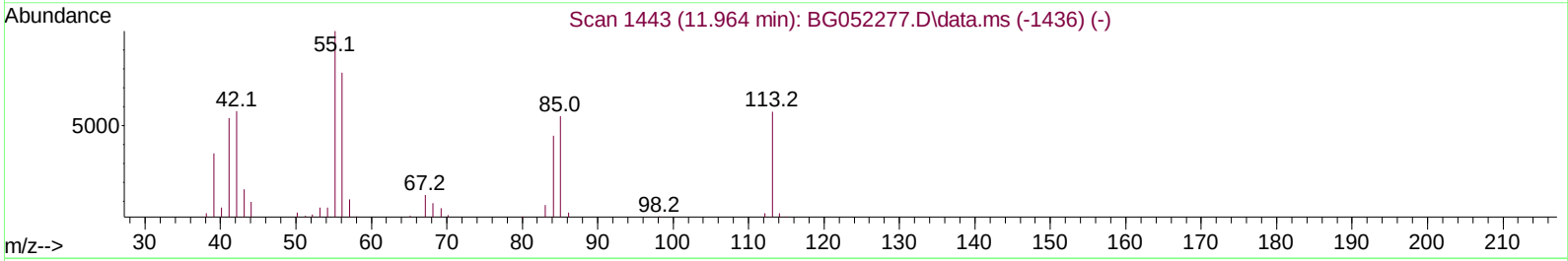

TIC: BG052291.D\data.ms

(34) Caprolactam

11.971min (+ 0.001) 31.20 ng/ul m

response 23529

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	183.80	162.62
56.00	136.50	131.30
0.00	0.00	0.00

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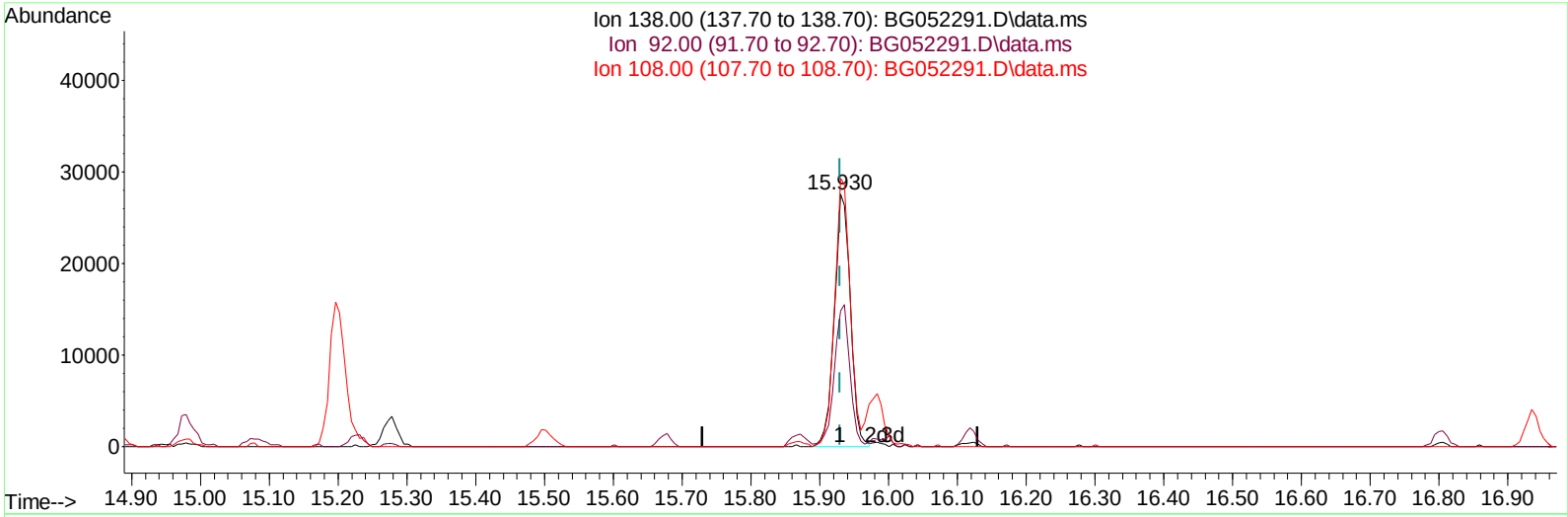

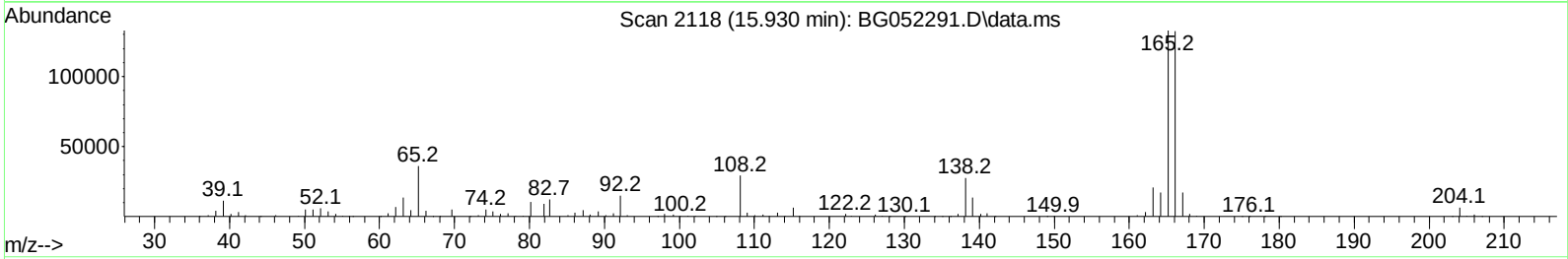

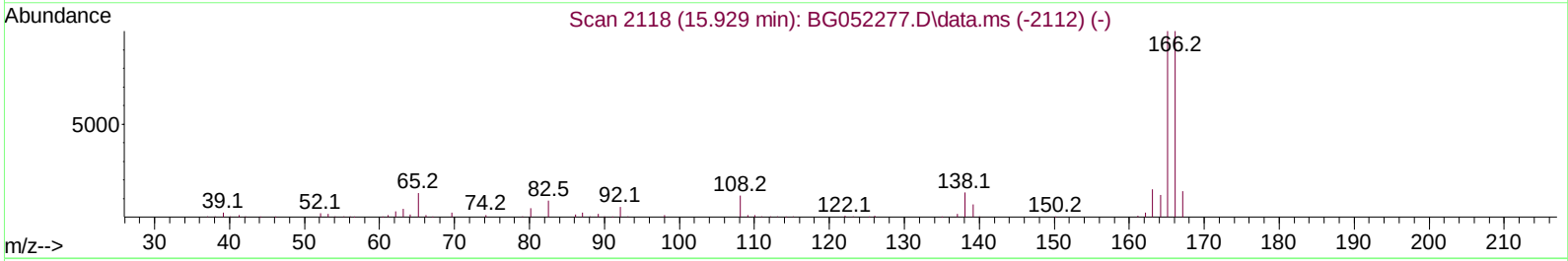

TIC: BG052291.D\data.ms

(63) 4-Nitroaniline

15.930min (+ 0.001) 34.77 ng/ul

response 44610

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	53.75
108.00	90.70	106.18
0.00	0.00	0.00

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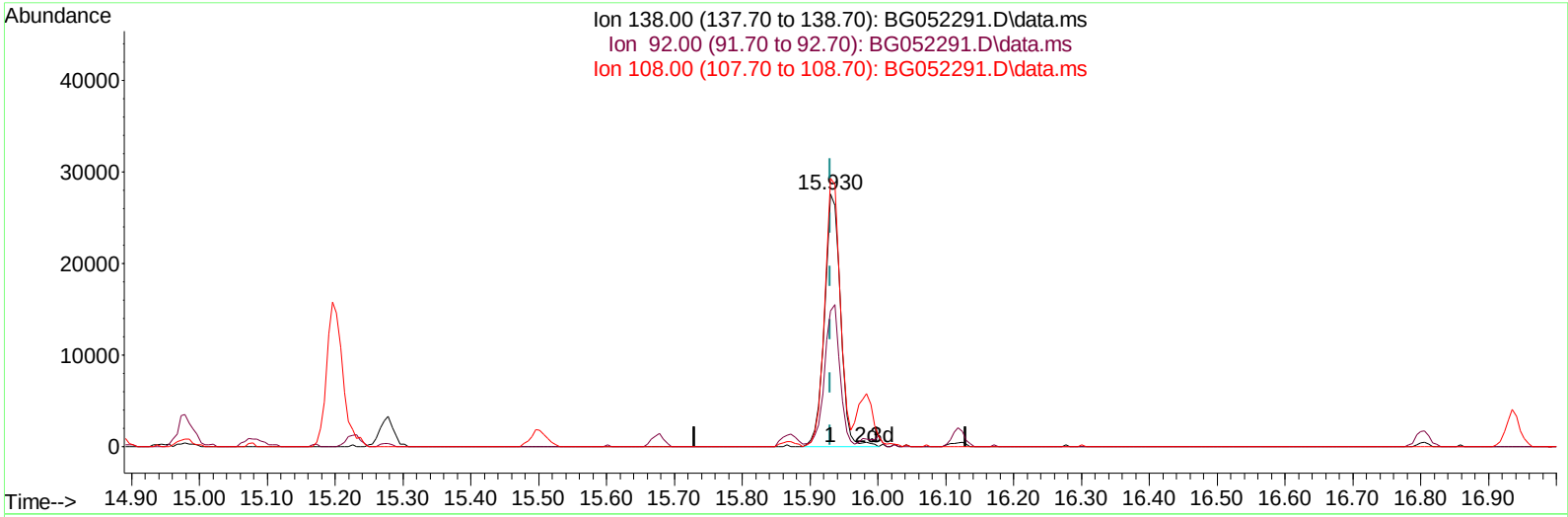

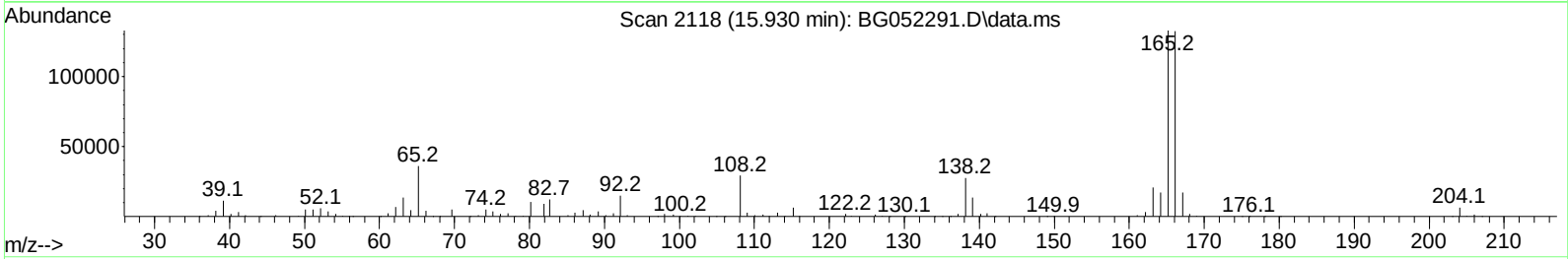

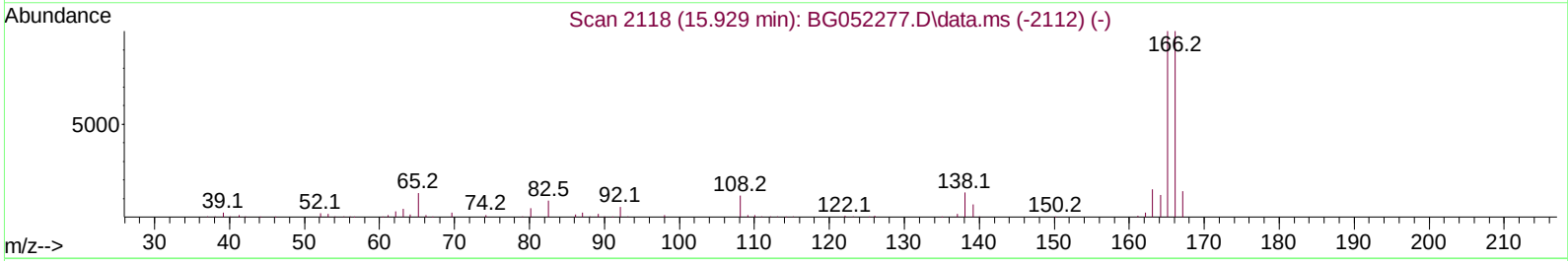

TIC: BG052291.D\data.ms

(63) 4-Nitroaniline

15.930min (+ 0.001) 35.15 ng/ul m

response 45103

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	61.60	53.75
108.00	90.70	106.18
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2022
Supervised By :Yogesh Patel 02/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.241	152	34624	20.000	ng/ul		0.00
20) Naphthalene-d8	11.072	136	138666	20.000	ng/ul		0.00
38) Acenaphthene-d10	14.879	164	94009	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.628	188	232098	20.000	ng/ul	#	0.00
79) Chrysene-d12	21.946	240	230749	20.000	ng/ul	#	0.00
88) Perylene-d12	25.423	264	241267	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.565	96	5456	6.357	ng/uL		0.00
4) Pyridine-d5	3.988	84	74673	27.973	ng/ul		0.00
7) Phenol-d5	7.377	99	89479	28.411	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	54517	28.493	ng/ul		0.00
11) 2-Chlorophenol-d4	7.765	132	64165	29.237	ng/ul		0.00
15) 4-Methylphenol-d8	8.940	113	68799	28.787	ng/ul		0.00
21) Nitrobenzene-d5	9.404	128	33198	29.403	ng/ul		0.00
24) 2-Nitrophenol-d4	10.138	143	35984	29.166	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.690	165	70056	29.127	ng/ul		0.00
31) 4-Chloroaniline-d4	11.201	131	85504	28.026	ng/ul		0.00
46) Dimethylphthalate-d6	14.268	166	231617	31.344	ng/ul		0.00
49) Acenaphthylene-d8	14.573	160	280536	30.459	ng/ul		0.00
54) 4-Nitrophenol-d4	15.067	143	36458	32.577	ng/ul		0.00
60) Fluorene-d10	15.872	176	203759	31.474	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	40735	28.428	ng/ul		0.00
73) Anthracene-d10	17.728	188	338297	30.917	ng/ul		0.00
81) Pyrene-d10	20.007	212	418024	30.227	ng/ul		0.00
92) Benzo(a)pyrene-d12	25.182	264	406132	31.686	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.606	88	10596	11.076	ng/uL	#	91
5) Pyridine	4.011	79	75123	26.872	ng/ul		96
6) Benzaldehyde	7.360	77	54030	30.261	ng/ul		96
8) Phenol	7.407	94	90651	28.721	ng/ul		92
10) Bis(2-Chloroethyl)ether	7.636	93	66866	28.035	ng/ul		96
12) 2-Chlorophenol	7.800	128	64590	28.510	ng/ul		95
13) 2-Methylphenol	8.675	108	65303	27.492	ng/ul		98
14) 2,2'-oxybis(1-Chloropr...	8.758	45	99422	29.185	ng/ul		97
16) Acetophenone	9.063	105	104117	28.092	ng/ul		98
17) N-Nitroso-di-n-propyla...	9.040	70	61073	27.471	ng/ul		95
18) 4-Methylphenol	9.004	108	71120	28.420	ng/ul		97
19) Hexachloroethane	9.339	117	26989	27.663	ng/ul	#	79
22) Nitrobenzene	9.451	77	90575	28.761	ng/ul	#	97
23) Isophorone	9.979	82	162003	27.801	ng/ul		99
25) 2-Nitrophenol	10.173	139	38722	28.708	ng/ul		96
26) 2,4-Dimethylphenol	10.226	107	78999	28.405	ng/ul		98
27) Bis(2-Chloroethoxy)met...	10.455	93	91016	29.123	ng/ul		97
29) 2,4-Dichlorophenol	10.714	162	66610	28.649	ng/ul		98
30) Naphthalene	11.125	128	211720	27.924	ng/ul		95
32) 4-Chloroaniline	11.225	127	83226	26.459	ng/ul		99
33) Hexachlorobutadiene	11.413	225	52998	27.943	ng/ul		92
34) Caprolactam	11.971	113	23529m	31.202	ng/ul		
35) 4-Chloro-3-methylphenol	12.335	107	75608	30.149	ng/ul		95

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.717	142	151877	28.546	ng/ul	98
37) 1-Methylnaphthalene	12.940	142	153791	28.097	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.087	216	98621	29.145	ng/ul	96
40) Hexachlorocyclopentadiene	13.064	237	48189	24.946	ng/ul	96
41) 2,4,6-Trichlorophenol	13.316	196	60469	29.929	ng/ul	94
42) 2,4,5-Trichlorophenol	13.393	196	64342	29.567	ng/ul	96
43) 1,1'-Biphenyl	13.716	154	213409	28.957	ng/ul#	93
44) 2-Chloronaphthalene	13.763	162	163979	29.080	ng/ul	97
45) 2-Nitroaniline	13.956	65	59739	31.464	ng/ul	97
47) Dimethylphthalate	14.315	163	219463	30.641	ng/ul	99
48) 2,6-Dinitrotoluene	14.438	165	47489	30.734	ng/ul	90
50) Acenaphthylene	14.603	152	269292	29.170	ng/ul	98
51) 3-Nitroaniline	14.773	138	43991	33.269	ng/ul	99
52) Acenaphthene	14.943	153	177296	29.296	ng/ul	96
53) 2,4-Dinitrophenol	14.979	184	21720	27.070	ng/ul	94
55) 4-Nitrophenol	15.078	109	37364	31.852	ng/ul	90
56) Dibenzofuran	15.278	168	259404	29.603	ng/ul	97
57) 2,4-Dinitrotoluene	15.225	165	68246	30.811	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.501	232	59670	31.324	ng/ul#	88
59) Diethylphthalate	15.678	149	228501	31.463	ng/ul	97
61) Fluorene	15.924	166	218134	29.999	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.907	204	122977	30.751	ng/ul	95
63) 4-Nitroaniline	15.930	138	45103m	35.153	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.995	198	38641	28.315	ng/ul#	96
67) N-Nitrosodiphenylamine	16.118	169	189248	29.742	ng/ul	95
68) 4-Bromophenyl-phenylether	16.806	248	84598	30.194	ng/ul#	87
69) Hexachlorobenzene	16.935	284	93522	29.701	ng/ul#	91
70) Atrazine	17.064	200	79451	28.302	ng/ul	98
71) Pentachlorophenol	17.276	266	42589	28.208	ng/ul	94
72) Phenanthrene	17.669	178	368152	30.109	ng/ul	98
74) Anthracene	17.763	178	362536	30.041	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.686	216	99611	25.707	ng/uL	98
76) Pentachlorobenzene	15.202	250	106955	29.921	ng/uL	97
77) Carbazole	18.027	167	330625	31.433	ng/ul	98
78) Di-n-butylphthalate	18.568	149	388338	30.782	ng/ul	99
80) Fluoranthene	19.672	202	482968	29.656	ng/ul#	91
82) Pyrene	20.036	202	465810	29.217	ng/ul#	89
83) Butylbenzylphthalate	20.906	149	169968	30.476	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.828	252	165766	33.549	ng/ul#	98
85) Benzo(a)anthracene	21.928	228	474689	30.586	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.805	149	241941	30.263	ng/ul#	98
87) Chrysene	21.999	228	450668	30.733	ng/ul	99
89) Di-n-octyl phthalate	23.097	149	411911	30.093	ng/ul	100
90) Benzo(b)fluoranthene	24.307	252	517889	30.955	ng/ul#	96
91) Benzo(k)fluoranthene	24.384	252	465627	30.420	ng/ul#	95
93) Benzo(a)pyrene	25.265	252	474361	30.401	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	29.436	276	558037	32.106	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.500	278	471663	32.727	ng/ul#	91
96) Benzo(g,h,i)perylene	30.687	276	467052	31.567	ng/ul#	88

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

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