Quantitation Report (Qedit)

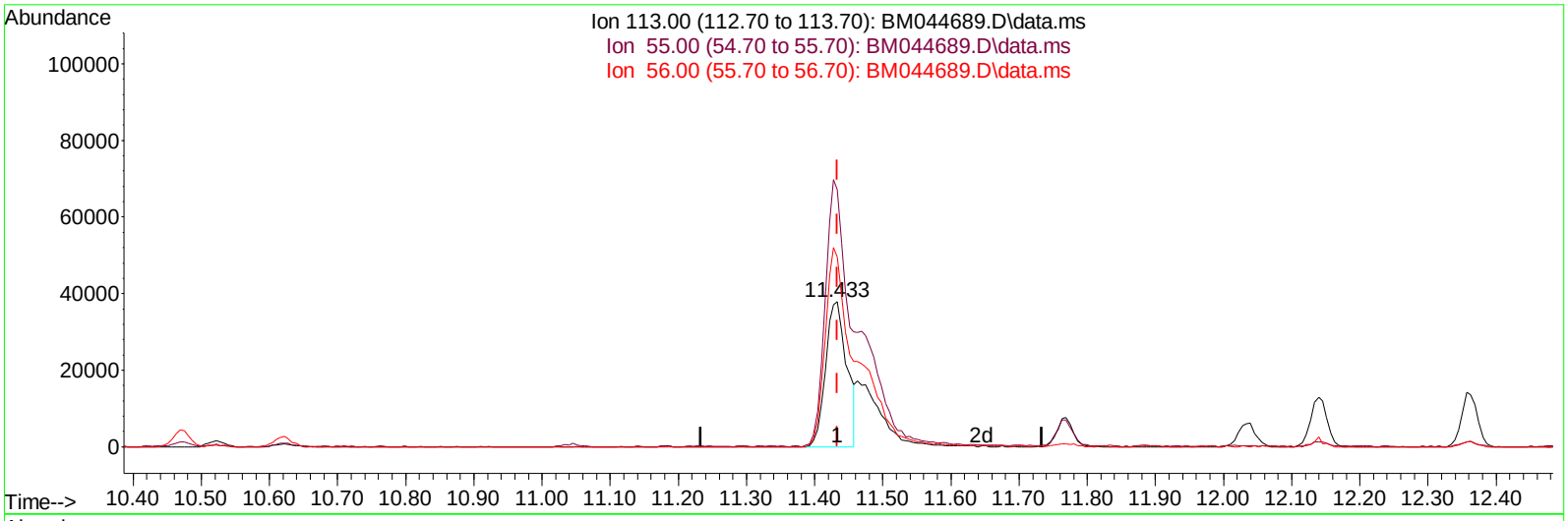
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032124\
Data File : BM044689.D
Acq On : 20 Mar 2024 18:32
Operator : MA/JU
Sample : P1760-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

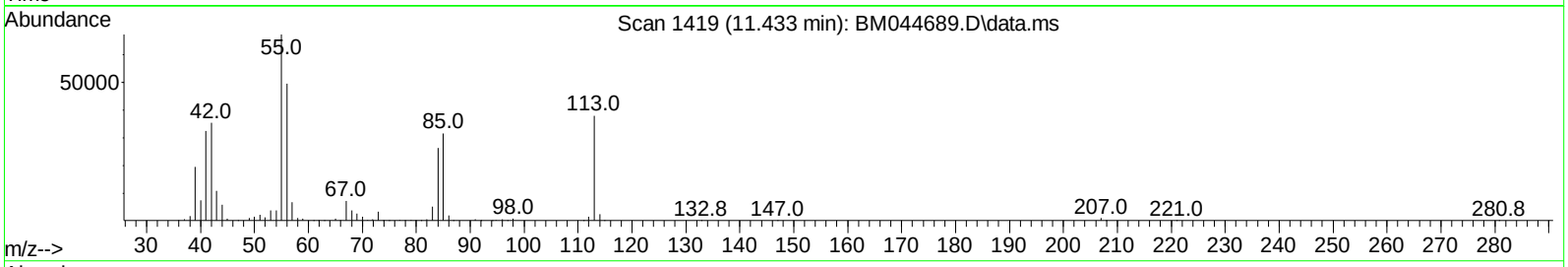
Quant Time: Mar 20 19:09:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 15 11:12:49 2024
Response via : Initial Calibration

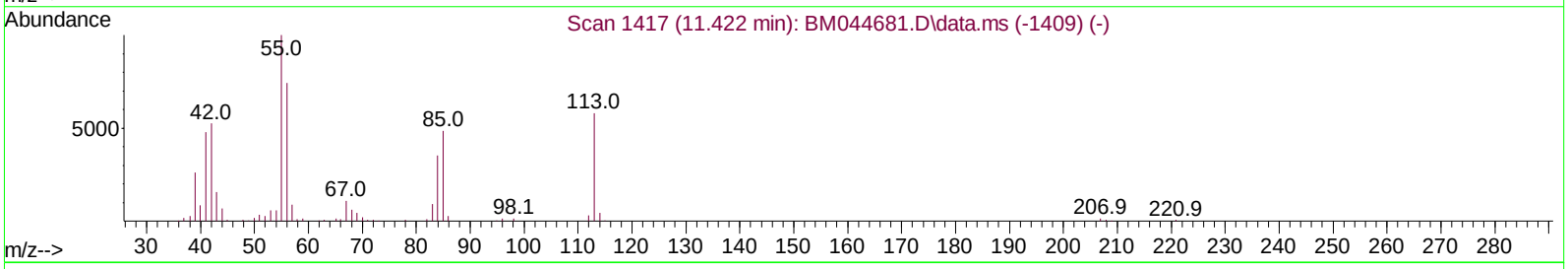
Instrument :
BNA_M
ClientSampleId :
E0773MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :mohammad ahmed 03/26/2024







TIC: BM044689.D\data.ms

(34) Caprolactam

11.433min (+ 0.000) 24.34 ng/ul

response 81851

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	177.33
56.00	127.70	130.67
0.00	0.00	0.00

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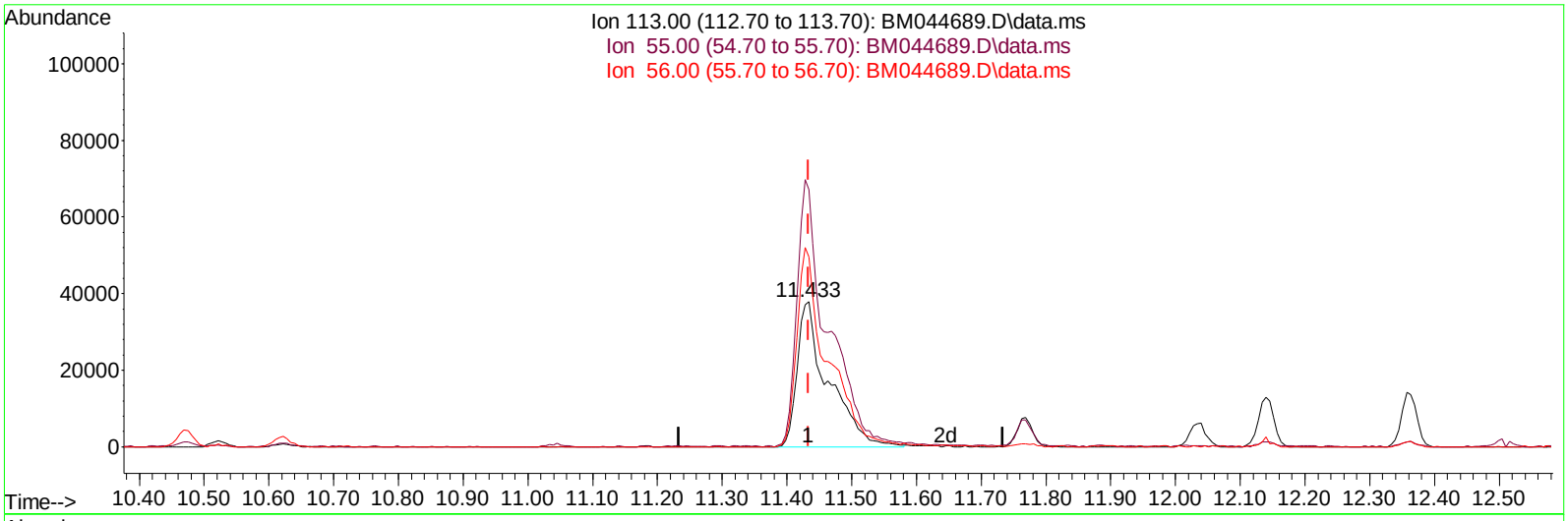

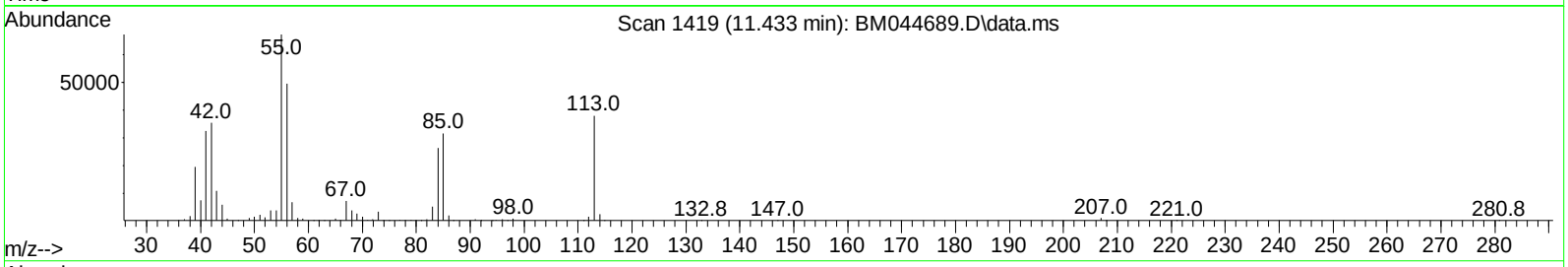

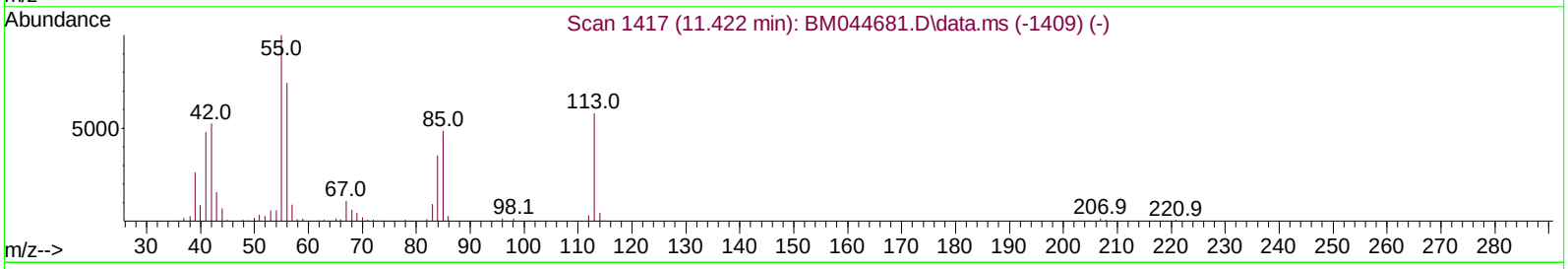

TIC: BM044689.D\data.ms

(34) Caprolactam

11.433min (+ 0.000) 37.22 ng/ul m

response 125174

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.40	177.33
56.00	127.70	130.67
0.00	0.00	0.00

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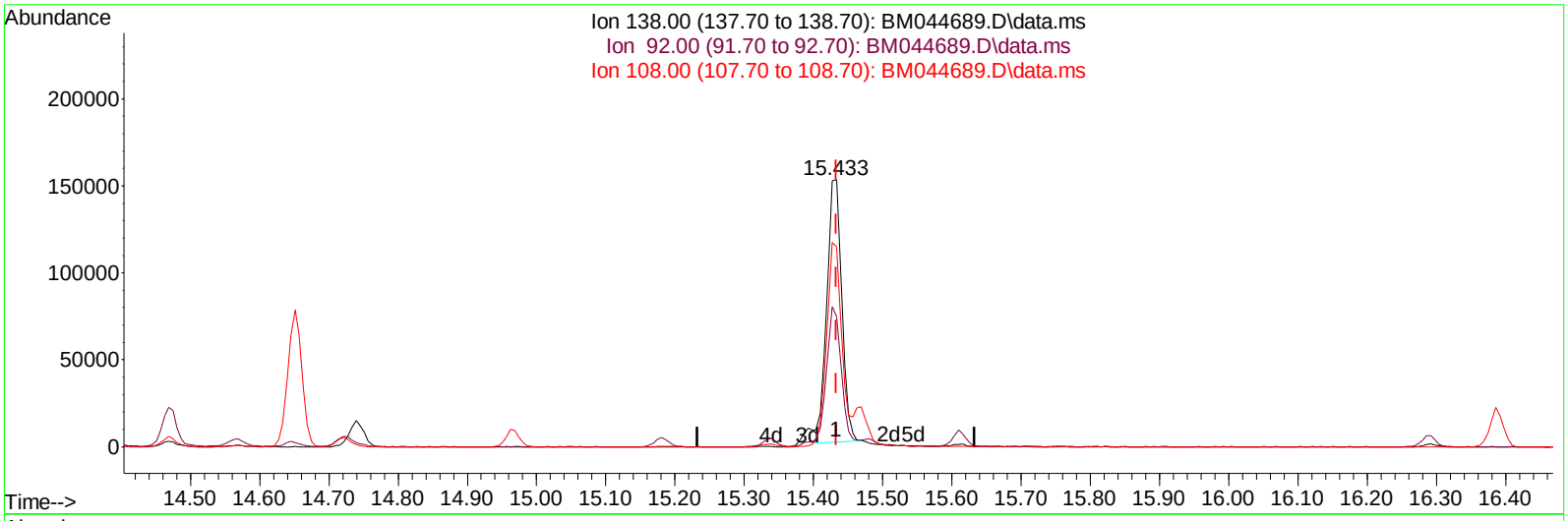

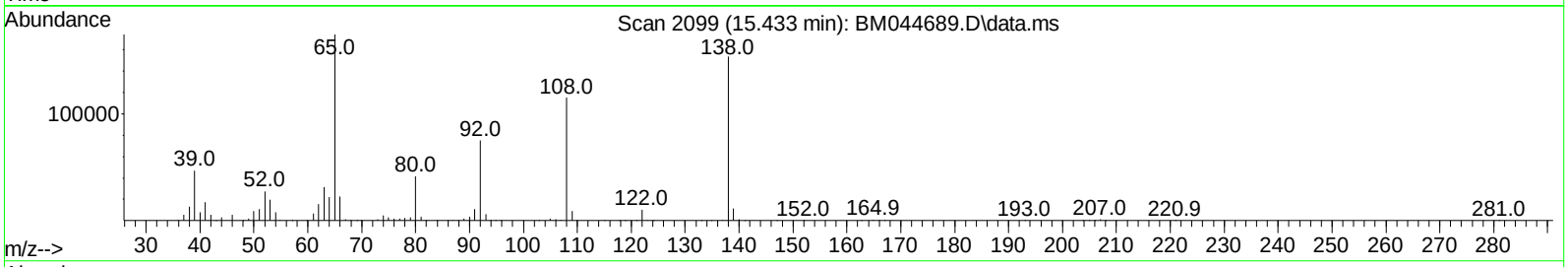

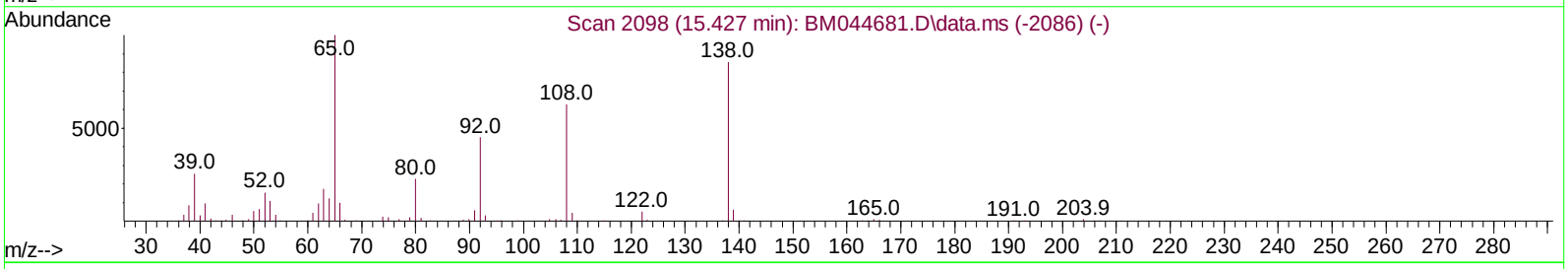

TIC: BM044689.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 43.43 ng/ul

response 223992

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	48.80
108.00	68.30	74.94
0.00	0.00	0.00

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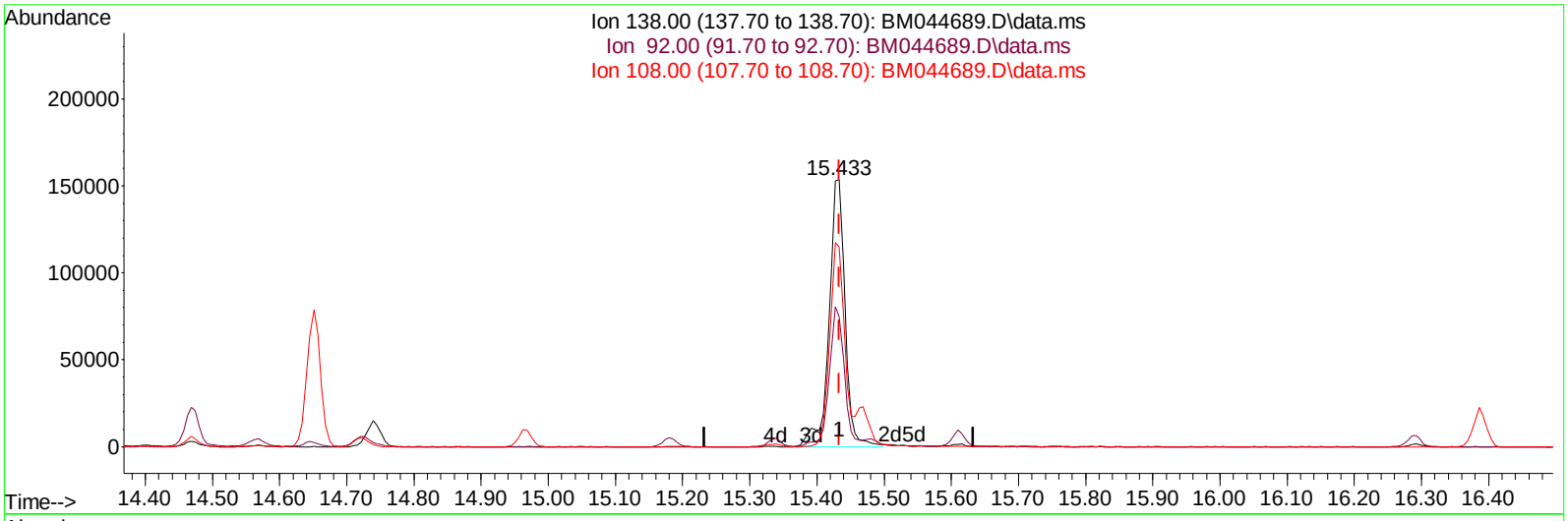

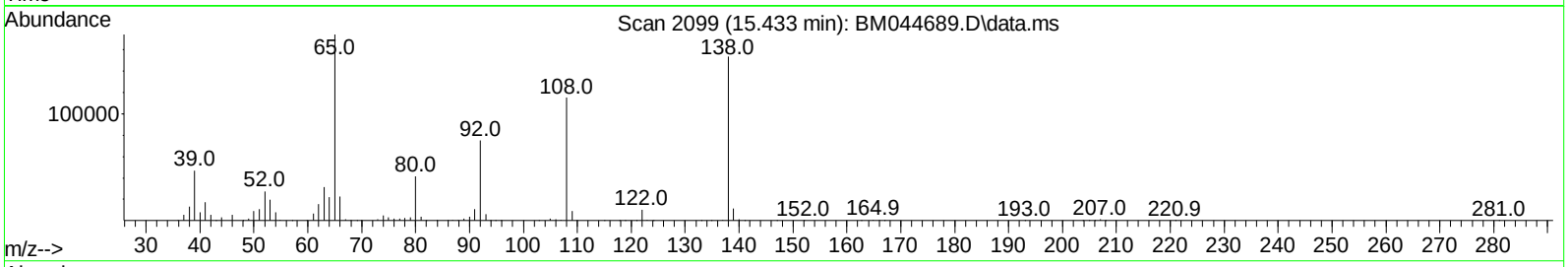

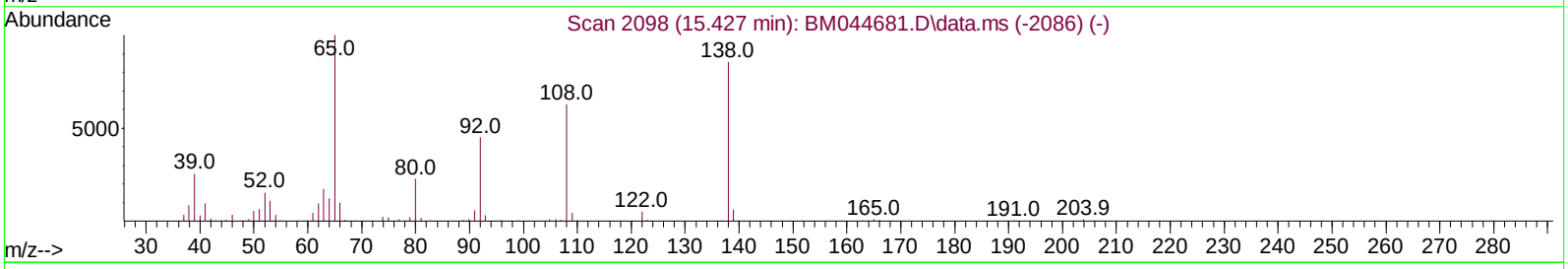

TIC: BM044689.D\data.ms

(63) 4-Nitroaniline

15.433min (+ 0.000) 49.06 ng/ul m

response 253034

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	49.80	48.80
108.00	68.30	74.94
0.00	0.00	0.00

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Misc :
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Quant Time: Mar 20 19:09:50 2024
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 03/21/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	142588	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	559844	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.339	164	313361	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	589832	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	528184	20.000	ng/ul	0.00
88) Perylene-d12	23.539	264	597510	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	23187	5.515	ng/uL	0.00
4) Pyridine-d5	3.652	84	320581	25.908	ng/ul	0.00
7) Phenol-d5	6.863	99	403897	27.552	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	261532	28.882	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.228	132	317674	29.488	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	300918	26.137	ng/ul	0.00
21) Nitrobenzene-d5	8.851	128	153567	32.575	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	164047	32.279	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.098	165	294280	34.024	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	353212	24.588	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	747264	30.400	ng/ul	0.00
49) Acenaphthylene-d8	14.027	160	896858	31.902	ng/ul	0.00
54) 4-Nitrophenol-d4	14.551	143	145204	28.484	ng/ul	0.00
60) Fluorene-d10	15.339	176	653227	31.623	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	119497	31.211	ng/ul	0.00
73) Anthracene-d10	17.192	188	925788	32.837	ng/ul	0.00
81) Pyrene-d10	19.492	212	1059081	32.693	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.397	264	1053863	33.556	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	71027	16.319	ng/uL	97
5) Pyridine	3.669	79	482423	37.590	ng/ul	95
6) Benzaldehyde	6.851	77	261462	40.948	ng/ul	93
8) Phenol	6.893	94	597143	39.912	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.134	93	486845	39.628	ng/ul	95
12) 2-Chlorophenol	7.257	128	462979	41.666	ng/ul	97
13) 2-Methylphenol	8.134	108	425845	37.508	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.216	45	704233	43.407	ng/ul	97
16) Acetophenone	8.516	105	689375	38.608	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.504	70	361196	39.153	ng/ul	93
18) 4-Methylphenol	8.463	108	457029	36.979	ng/ul	94
19) Hexachloroethane	8.751	117	199018	43.725	ng/ul	98
22) Nitrobenzene	8.898	77	537245	48.055	ng/ul	96
23) Isophorone	9.416	82	988341	43.331	ng/ul	98
25) 2-Nitrophenol	9.598	139	248888	44.921	ng/ul	95
26) 2,4-Dimethylphenol	9.657	107	365128	36.218	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.904	93	619741	43.203	ng/ul	97
29) 2,4-Dichlorophenol	10.122	162	394603	45.698	ng/ul	99
30) Naphthalene	10.522	128	1432062	45.164	ng/ul	100
32) 4-Chloroaniline	10.645	127	355653	25.681	ng/ul	97
33) Hexachlorobutadiene	10.792	225	240067	49.602	ng/ul	98
34) Caprolactam	11.433	113	125174m	37.223	ng/ul	
35) 4-Chloro-3-methylphenol	11.769	107	416346	41.578	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.139	142	917159	43.497 ng/ul	100
37) 1-Methylnaphthalene	12.363	142	894705	43.014 ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.510	216	427368	47.938 ng/ul	98
40) Hexachlorocyclopentadiene	12.475	237	254933	43.078 ng/ul	100
41) 2,4,6-Trichlorophenol	12.757	196	270257	43.243 ng/ul	97
42) 2,4,5-Trichlorophenol	12.828	196	298729	44.602 ng/ul	97
43) 1,1'-Biphenyl	13.169	154	1130806	45.444 ng/ul	100
44) 2-Chloronaphthalene	13.204	162	886216	45.384 ng/ul	98
45) 2-Nitroaniline	13.427	65	283898	46.311 ng/ul	99
47) Dimethylphthalate	13.810	163	1067178	42.665 ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	214297	42.892 ng/ul	97
50) Acenaphthylene	14.057	152	1472683	44.946 ng/ul	99
51) 3-Nitroaniline	14.263	138	217966	40.389 ng/ul	98
52) Acenaphthene	14.404	153	967389	44.911 ng/ul	100
53) 2,4-Dinitrophenol	14.469	184	117790	36.857 ng/ul	93
55) 4-Nitrophenol	14.569	109	159624	44.692 ng/ul	90
56) Dibenzofuran	14.739	168	1279132	44.643 ng/ul	99
57) 2,4-Dinitrotoluene	14.722	165	309950	42.977 ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.969	232	224715	40.543 ng/ul	98
59) Diethylphthalate	15.180	149	1094305	42.155 ng/ul	99
61) Fluorene	15.392	166	1045240	44.605 ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.392	204	500025	45.975 ng/ul	99
63) 4-Nitroaniline	15.433	138	253034m	49.058 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.480	198	178702	43.677 ng/ul#	91
67) N-Nitrosodiphenylamine	15.610	169	843764	47.497 ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	291063	49.336 ng/ul	99
69) Hexachlorobenzene	16.386	284	335298	49.897 ng/ul	99
70) Atrazine	16.574	200	114438	19.713 ng/ul	98
71) Pentachlorophenol	16.739	266	184558	41.593 ng/ul	99
72) Phenanthrene	17.139	178	1591634	47.569 ng/ul	99
74) Anthracene	17.227	178	1564961	46.247 ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.122	216	424411	53.872 ng/uL	98
76) Pentachlorobenzene	14.651	250	403079	52.921 ng/uL	100
77) Carbazole	17.504	167	1471638	46.280 ng/ul	99
78) Di-n-butylphthalate	18.080	149	1928781	45.095 ng/ul	100
80) Fluoranthene	19.157	202	1825726	47.324 ng/ul	98
82) Pyrene	19.521	202	1888606	47.021 ng/ul	99
83) Butylbenzylphthalate	20.445	149	826405	41.844 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.221	252	463859	40.599 ng/ul	97
85) Benzo(a)anthracene	21.280	228	1791759	45.173 ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.221	149	1272705	44.198 ng/ul	98
87) Chrysene	21.327	228	1680136	45.753 ng/ul	100
89) Di-n-octyl phthalate	22.115	149	2145506	40.123 ng/ul	100
90) Benzo(b)fluoranthene	22.862	252	1790271	44.778 ng/ul	99
91) Benzo(k)fluoranthene	22.909	252	1789891	45.709 ng/ul	99
93) Benzo(a)pyrene	23.444	252	1712281	45.782 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.809	276	2171796	51.772 ng/ul	99
95) Dibenzo(a,h)anthracene	25.827	278	1814294	51.870 ng/ul	98
96) Benzo(g,h,i)perylene	26.497	276	1715490	51.246 ng/ul	98

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

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