Quantitation Report (Qedit)

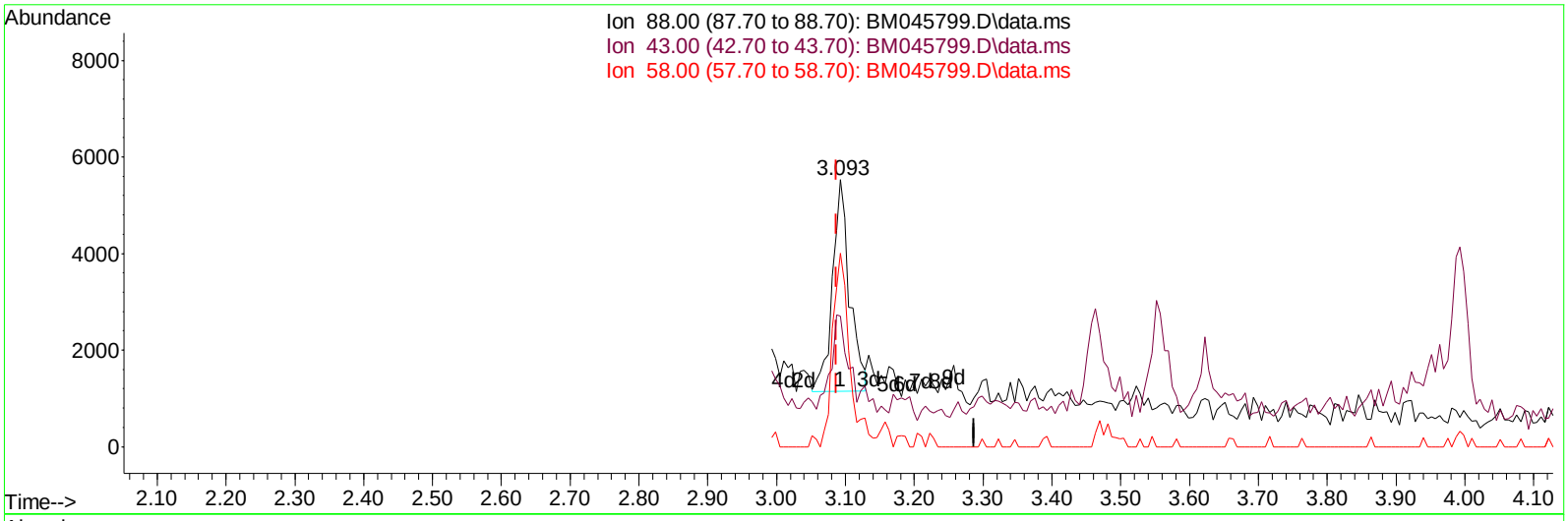
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060324\
Data File : BM045799.D
Acq On : 03 Jun 2024 10:55
Operator : MA/JU
Sample : P2409-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

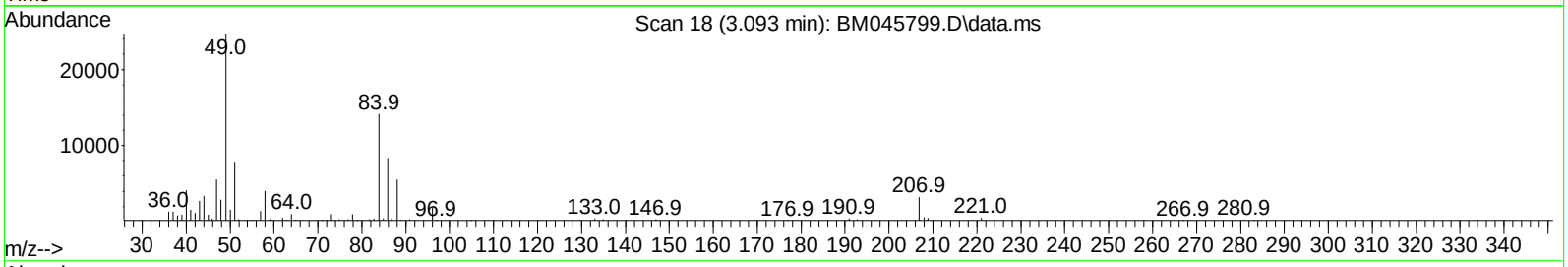
Quant Time: Jun 03 11:51:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

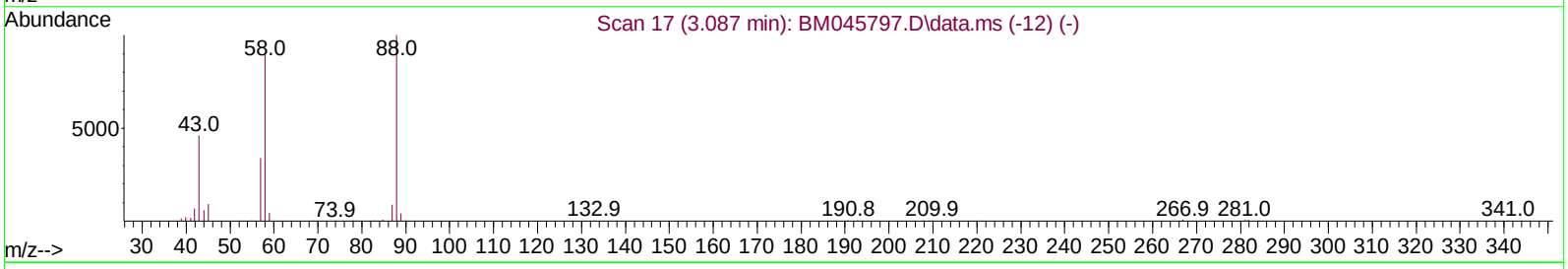
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024







TIC: BM045799.D\data.ms

(2) 1,4-Dioxane

3.093min (+ 0.006) 1.30 ng/uL

response 7505

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	43.90	48.92
58.00	84.30	72.55
0.00	0.00	0.00

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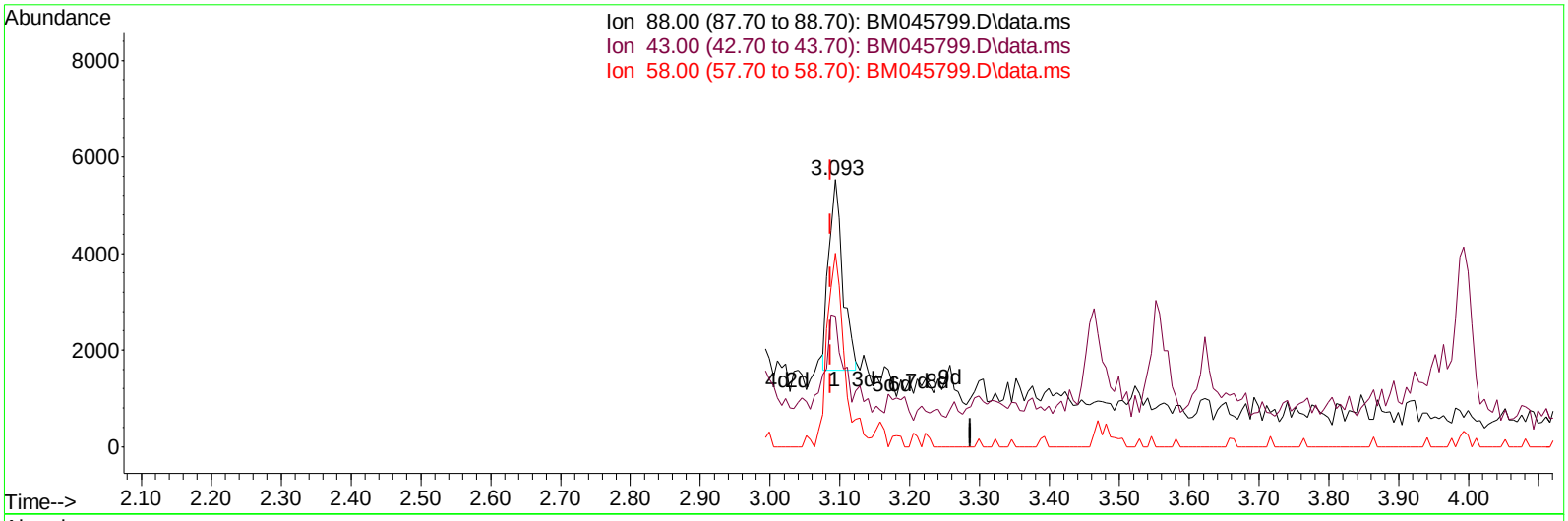

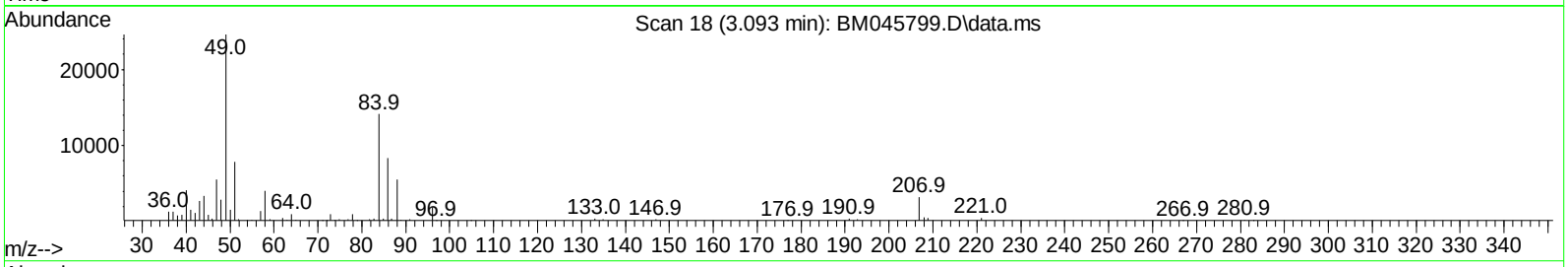

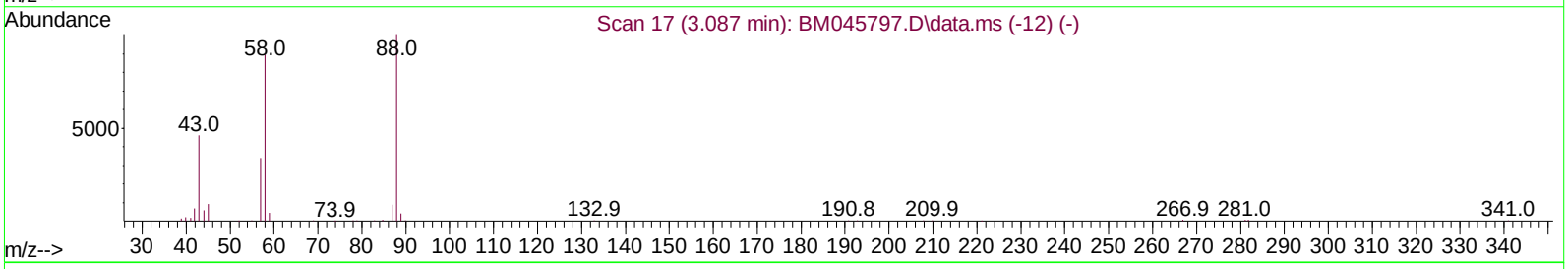

TIC: BM045799.D\data.ms

(2) 1,4-Dioxane

3.093min (+ 0.006) 0.94 ng/uL m

response 5427

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	43.90	48.92
58.00	84.30	72.55
0.00	0.00	0.00

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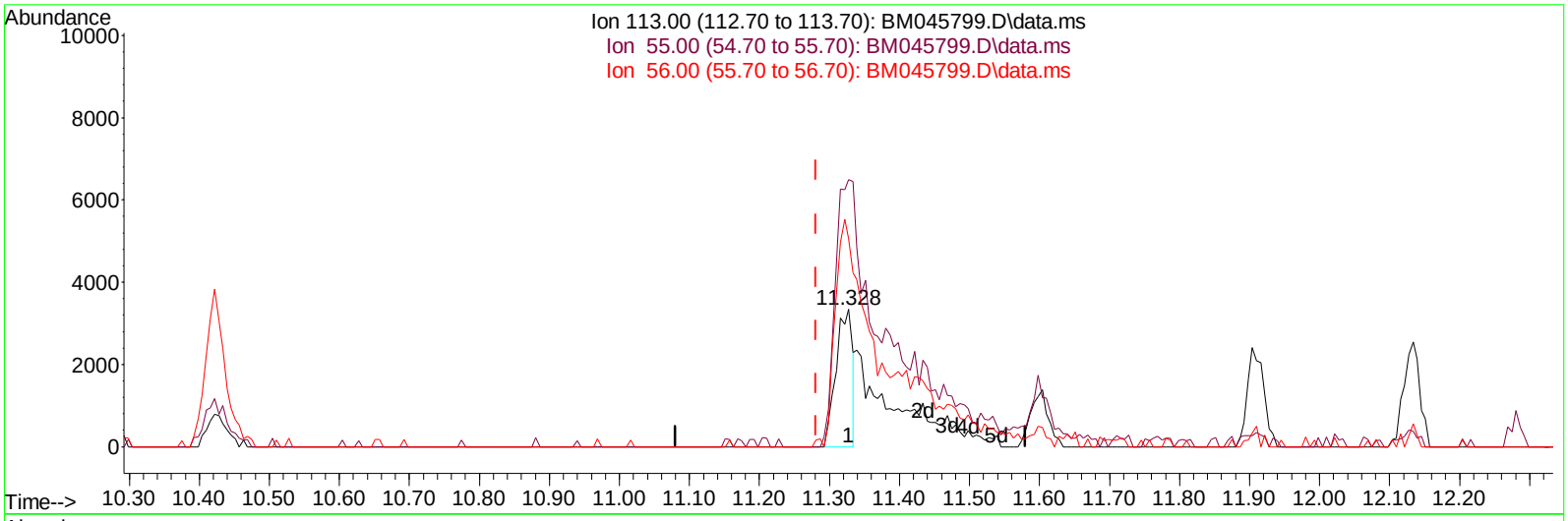

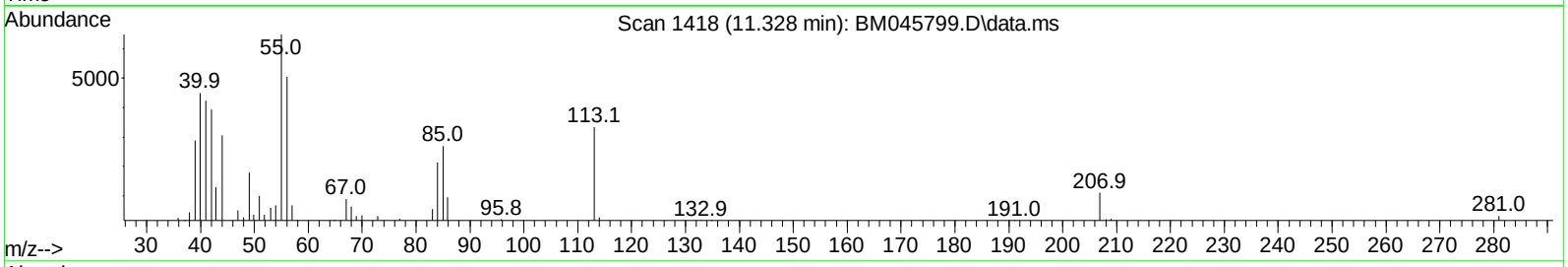

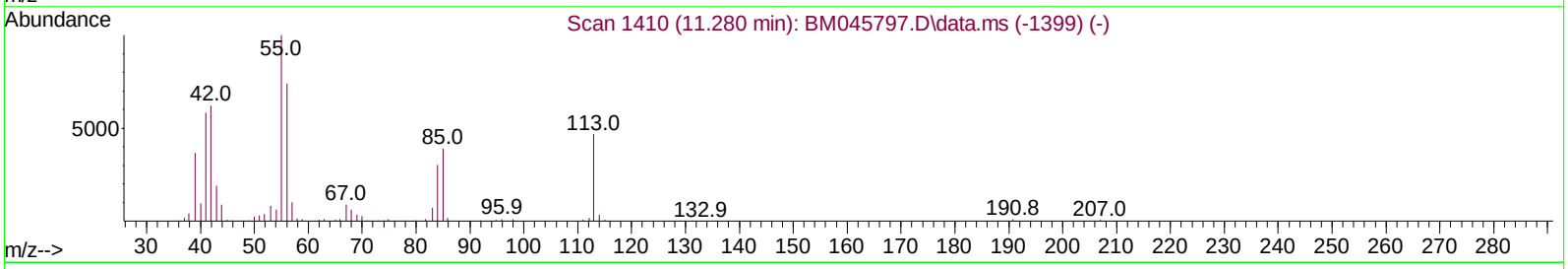

TIC: BM045799.D\data.ms

(34) Caprolactam

11.328min (+ 0.047) 1.62 ng/ul

response 5470

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	194.17
56.00	162.60	151.20
0.00	0.00	0.00

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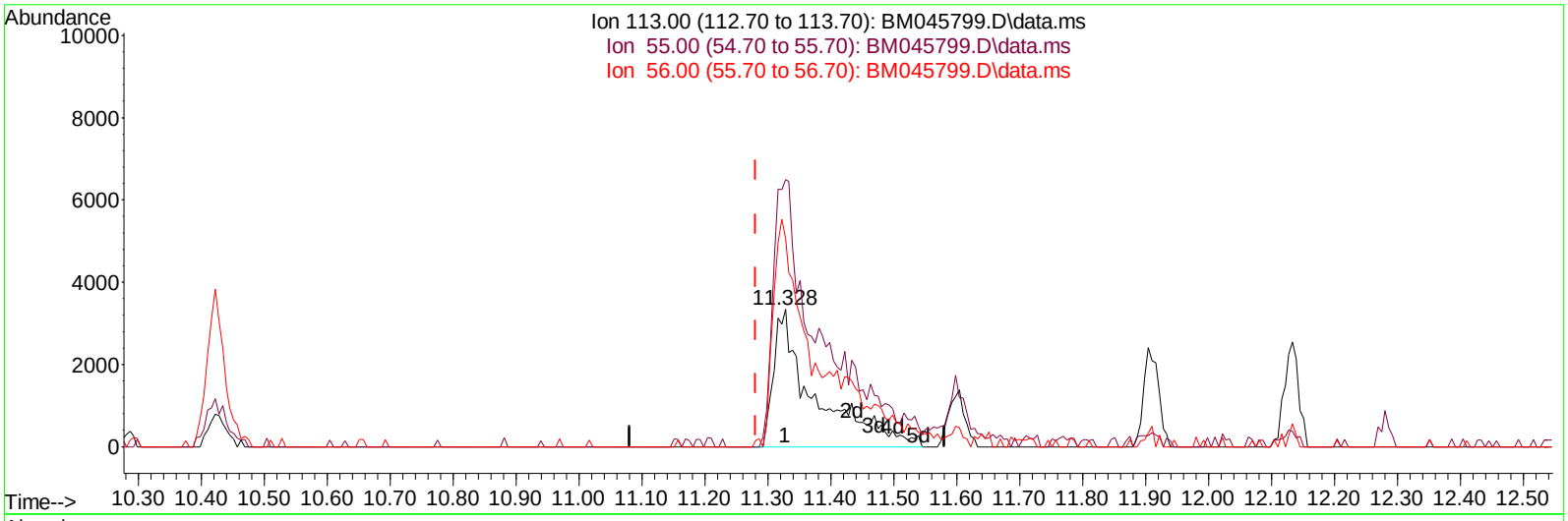

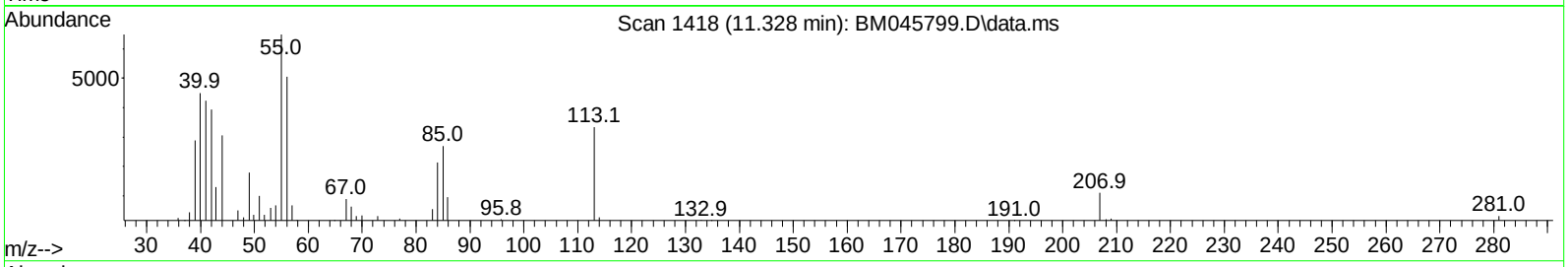

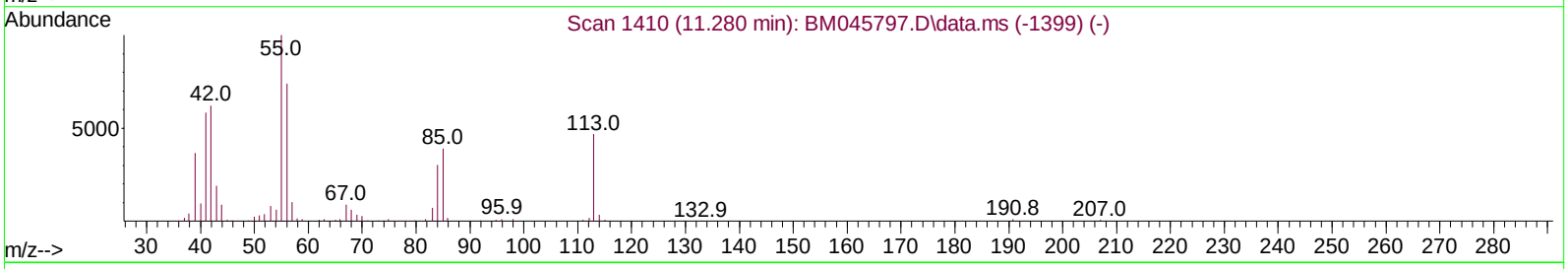

TIC: BM045799.D\data.ms

(34) Caprolactam

11.328min (+ 0.047) 4.44 ng/ul m

response 15030

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	194.17
56.00	162.60	151.20
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : MA/JU
Sample : P2409-01
Misc : SFAM-MDL-WATER-01
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 03 12:42:57 2024
Quant Title :
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	201553	20.000	ng/ul	0.00
20) Naphthalene-d8	10.239	136	812523	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	501260	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	1046165	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	922358	20.000	ng/ul	0.00
88) Perylene-d12	23.791	264	1010754	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.058	96	26934	5.181	ng/uL	0.00
4) Pyridine-d5	3.469	84	312174	23.322	ng/ul	0.00
7) Phenol-d5	6.722	99	419443	24.497	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	305311	24.832	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	315991	24.706	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	297327	22.984	ng/ul	0.00
21) Nitrobenzene-d5	8.634	128	159254	25.068	ng/ul	0.00
24) 2-Nitrophenol-d4	9.345	143	156134	24.284	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	281893	23.380	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	390449	23.399	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	859448	24.766	ng/ul	0.00
49) Acenaphthylene-d8	13.804	160	969678	24.063	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	143883	19.212	ng/ul	0.00
60) Fluorene-d10	15.110	176	751646	25.390	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	102179	19.127	ng/ul	0.00
73) Anthracene-d10	16.957	188	1009329	22.193	ng/ul	0.00
81) Pyrene-d10	19.256	212	1297974	22.628	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1158758	24.529	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.487	79	61406	4.467	ng/ul#	17
6) Benzaldehyde	6.640	77	54349	6.749	ng/ul	97
8) Phenol	6.746	94	84528	4.760	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.928	93	68889	4.648	ng/ul	94
12) 2-Chlorophenol	7.063	128	64688	4.801	ng/ul	97
13) 2-Methylphenol	7.969	108	51668	3.974	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.016	45	140539	4.814	ng/ul#	96
16) Acetophenone	8.316	105	101891	4.726	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.304	70	54047	4.537	ng/ul	92
18) 4-Methylphenol	8.304	108	59867	4.449	ng/ul	97
19) Hexachloroethane	8.540	117	30722	4.747	ng/ul	99
22) Nitrobenzene	8.675	77	87427	4.917	ng/ul	98
23) Isophorone	9.228	82	134924	4.295	ng/ul	99
25) 2-Nitrophenol	9.375	139	33033	4.700	ng/ul	97
26) 2,4-Dimethylphenol	9.487	107	31102	2.181	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.698	93	85534	4.485	ng/ul	95
29) 2,4-Dichlorophenol	9.922	162	54012	4.496	ng/ul	87
30) Naphthalene	10.287	128	204367	4.717	ng/ul	98
32) 4-Chloroaniline	10.445	127	73937	4.533	ng/ul	100
33) Hexachlorobutadiene	10.581	225	37507	4.558	ng/ul	97
34) Caprolactam	11.328	113	15030m	4.442	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	55230	4.238	ng/ul	99
36) 2-Methylnaphthalene	11.910	142	134011	4.670	ng/ul	97
37) 1-Methylnaphthalene	12.133	142	135048	4.707	ng/ul	99

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Instrument :
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MDL-WATER-QT2-2024-03

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.280	216	69382	4.622	ng/ul	98
40) Hexachlorocyclopentadiene	12.275	237	29585	3.247	ng/ul	95
41) 2,4,6-Trichlorophenol	12.557	196	32619	3.735	ng/ul	96
42) 2,4,5-Trichlorophenol	12.633	196	36740	3.876	ng/ul	95
43) 1,1'-Biphenyl	12.945	154	173558	4.667	ng/ul	96
44) 2-Chloronaphthalene	12.980	162	134006	4.598	ng/ul	98
45) 2-Nitroaniline	13.227	65	41533	4.173	ng/ul	95
47) Dimethylphthalate	13.610	163	167595	4.756	ng/ul	99
48) 2,6-Dinitrotoluene	13.716	165	27382	4.039	ng/ul	86
50) Acenaphthylene	13.827	152	222495	4.771	ng/ul	99
51) 3-Nitroaniline	14.069	138	25017	4.019	ng/ul#	95
52) Acenaphthene	14.174	153	147240	4.731	ng/ul	99
53) 2,4-Dinitrophenol	14.251	184	17560	5.689	ng/ul	93
55) 4-Nitrophenol	14.422	109	33599	5.438	ng/ul	91
56) Dibenzofuran	14.516	168	205350	4.893	ng/ul	98
57) 2,4-Dinitrotoluene	14.504	165	43043	4.590	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.763	232	29036	4.054	ng/ul#	95
59) Diethylphthalate	14.986	149	172480	4.888	ng/ul	99
61) Fluorene	15.163	166	168243	4.975	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.174	204	80490	4.795	ng/ul	99
63) 4-Nitroaniline	15.239	138	28128	5.442	ng/ul#	52
66) 4,6-Dinitro-2-methylph...	15.263	198	25577	4.362	ng/ul#	84
67) N-Nitrosodiphenylamine	15.392	169	132328	4.463	ng/ul	98
68) 4-Bromophenyl-phenylether	16.063	248	47914	4.393	ng/ul	98
69) Hexachlorobenzene	16.163	284	54917	4.553	ng/ul	96
70) Atrazine	16.374	200	48550	5.402	ng/ul	99
71) Pentachlorophenol	16.533	266	42710	6.978	ng/ul	98
72) Phenanthrene	16.898	178	259303	4.704	ng/ul	99
74) Anthracene	16.992	178	237893	4.321	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.904	216	64468	3.973	ng/uL	100
76) Pentachlorobenzene	14.433	250	70162	4.623	ng/uL	95
77) Carbazole	17.280	167	221884	4.723	ng/ul	98
78) Di-n-butylphthalate	17.851	149	278419	4.506	ng/ul	100
80) Fluoranthene	18.921	202	291021	4.185	ng/ul	99
82) Pyrene	19.280	202	314966	4.408	ng/ul	99
83) Butylbenzylphthalate	20.215	149	115374	3.962	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.003	252	59522	3.267	ng/ul	98
85) Benzo(a)anthracene	21.051	228	286088	4.492	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.009	149	174049	4.023	ng/ul	99
87) Chrysene	21.109	228	273732	4.646	ng/ul	98
89) Di-n-octyl phthalate	22.039	149	286253	3.703	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	272901	4.393	ng/ul	96
91) Benzo(k)fluoranthene	22.992	252	284916	4.696	ng/ul	97
93) Benzo(a)pyrene	23.662	252	251661	4.611	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.785	276	277385	4.654	ng/ul	98
95) Dibenzo(a,h)anthracene	26.838	278	214088	4.541	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	240323	4.578	ng/ul	98

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

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