Quantitation Report (Qedit)

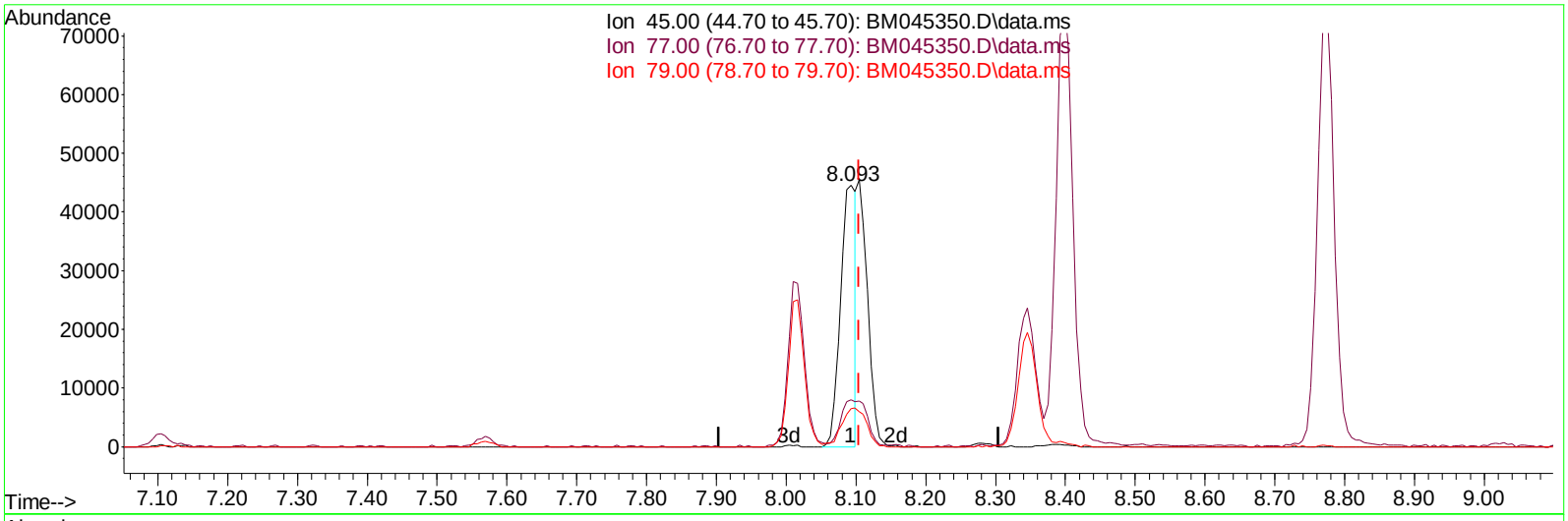
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045350.D
Acq On : 18 Apr 2024 11:51
Operator : MA/JU
Sample : PB160233BS
Misc :
ALS Vial : 42 Sample Multiplier: 1

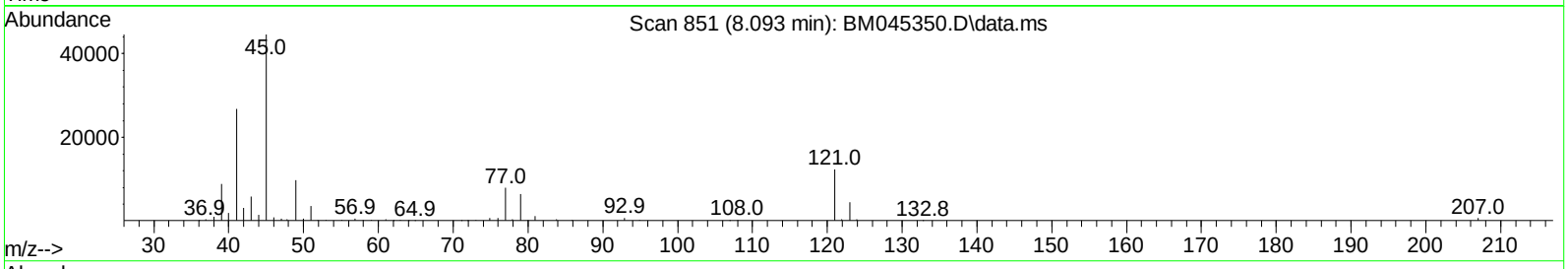
Quant Time: Apr 18 12:42:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

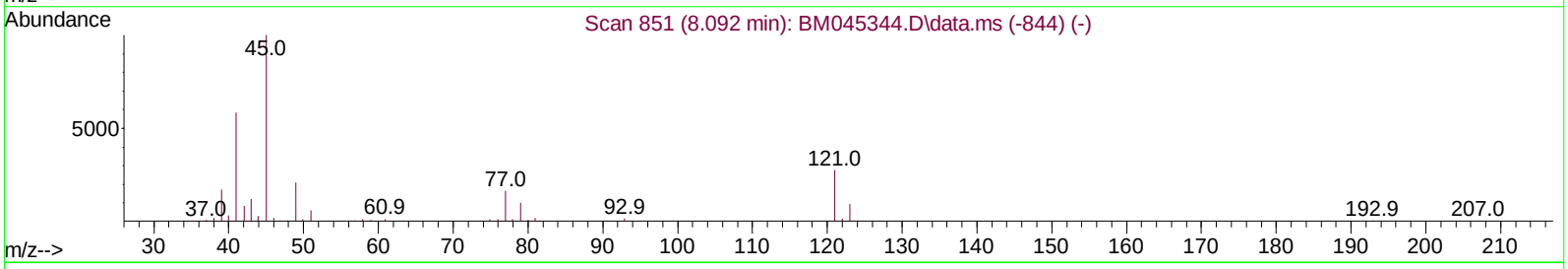
Instrument :
BNA_M
ClientSampleId :
SLCS233

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/25/2024







TIC: BM045350.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.093min (-0.012) 16.61 ng/ul

response 68053

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	17.85
79.00	12.60	14.48
0.00	0.00	0.00

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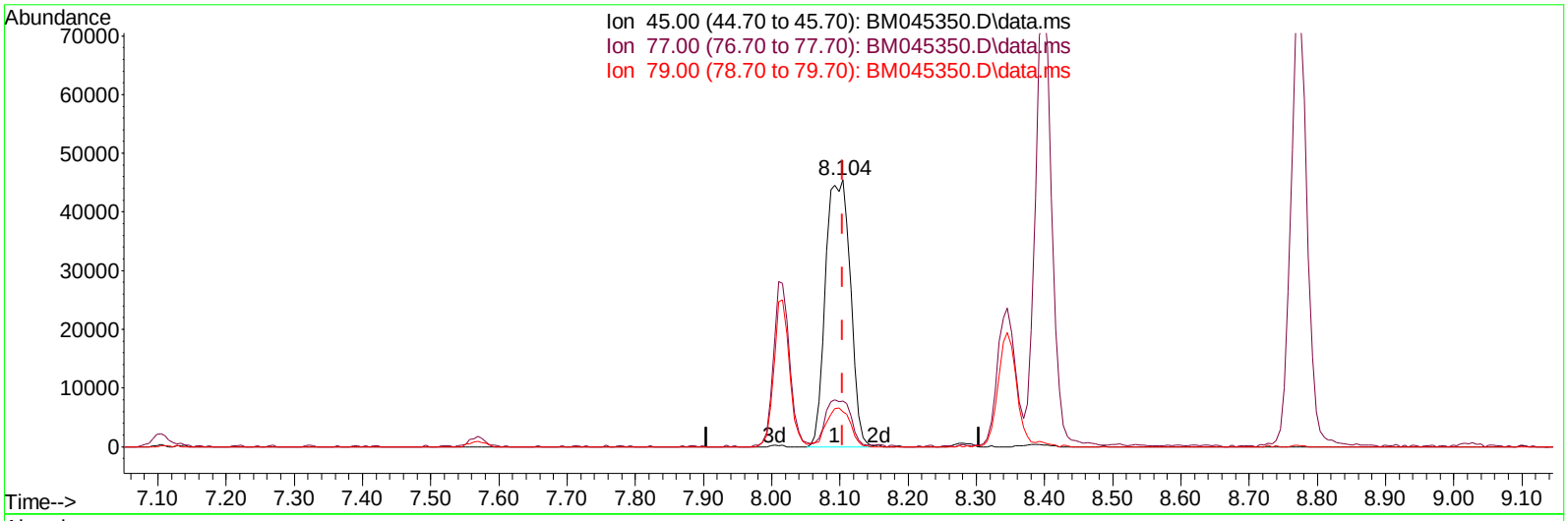

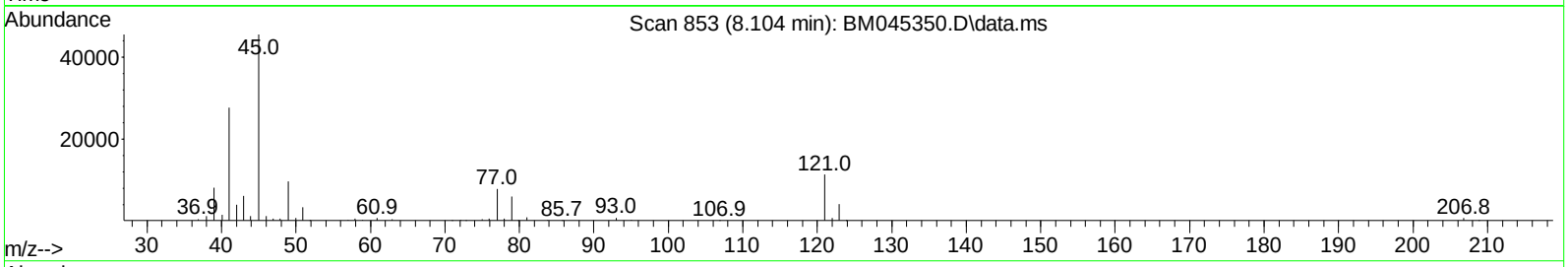

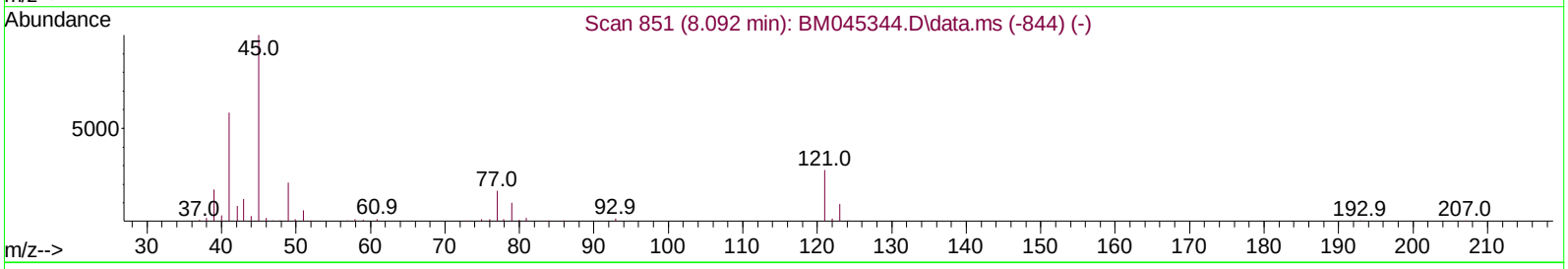

TIC: BM045350.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.104min (+ 0.000) 27.96 ng/ul m

response 114581

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	17.17
79.00	12.60	13.12
0.00	0.00	0.00

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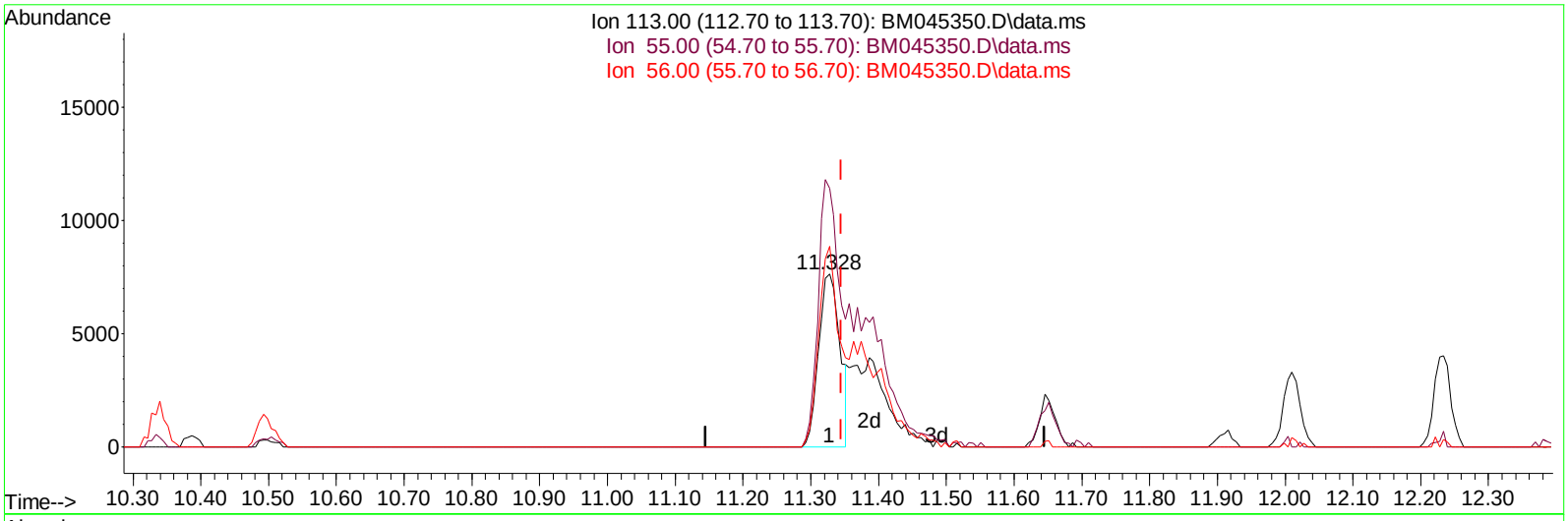

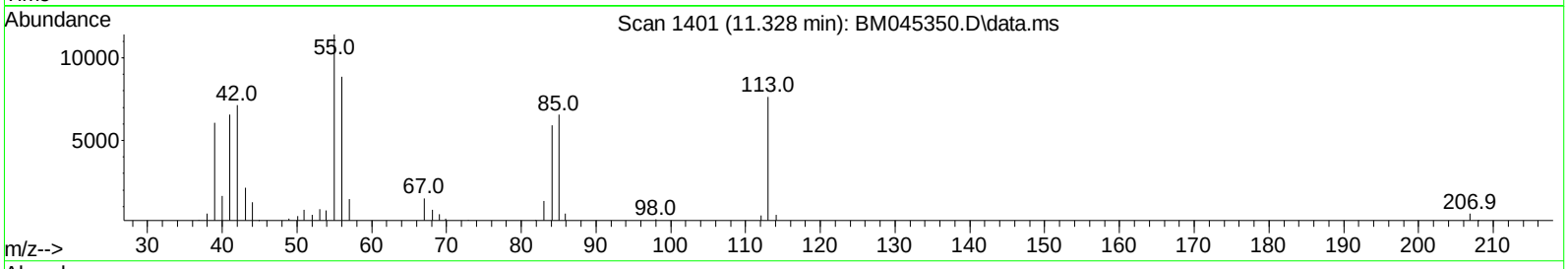

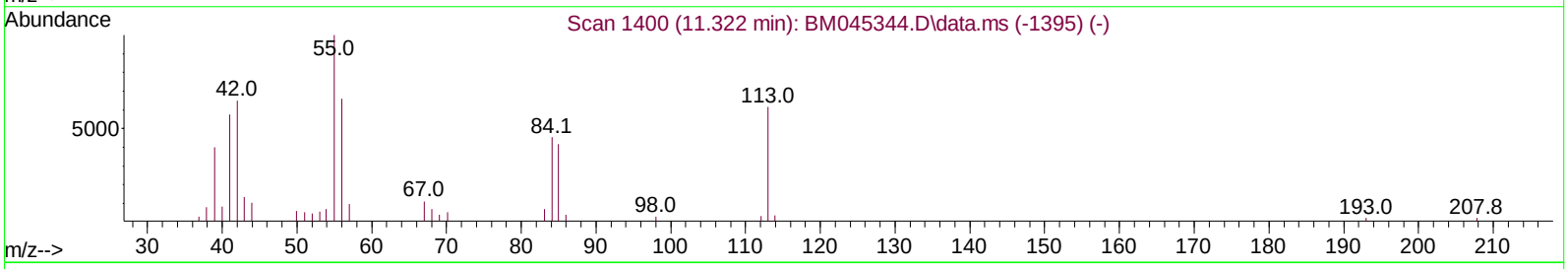

TIC: BM045350.D\data.ms

(34) Caprolactam

11.328min (-0.018) 15.44 ng/ul

response 16635

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	149.41
56.00	114.80	116.02
0.00	0.00	0.00

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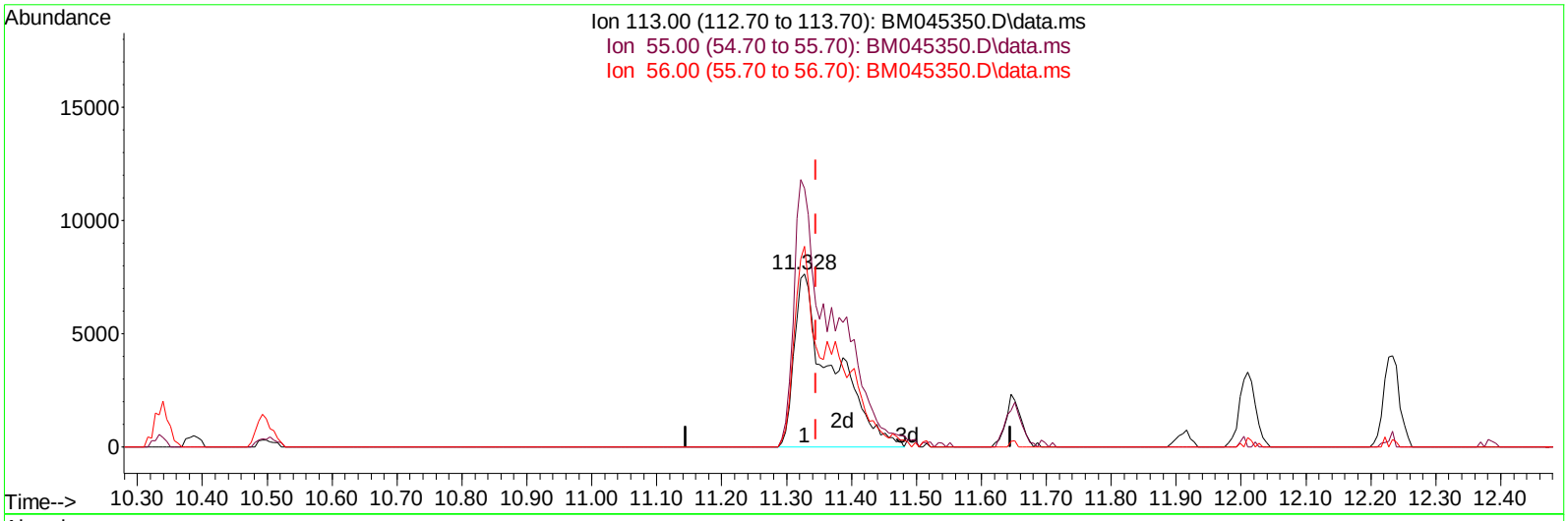

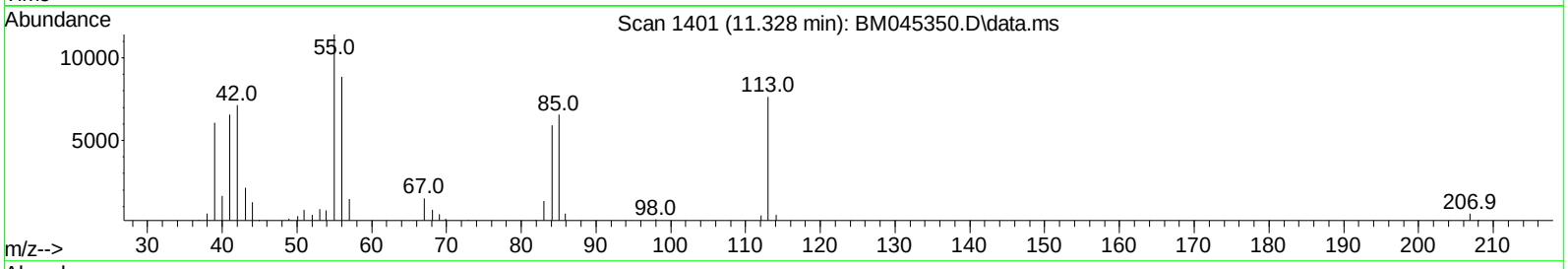

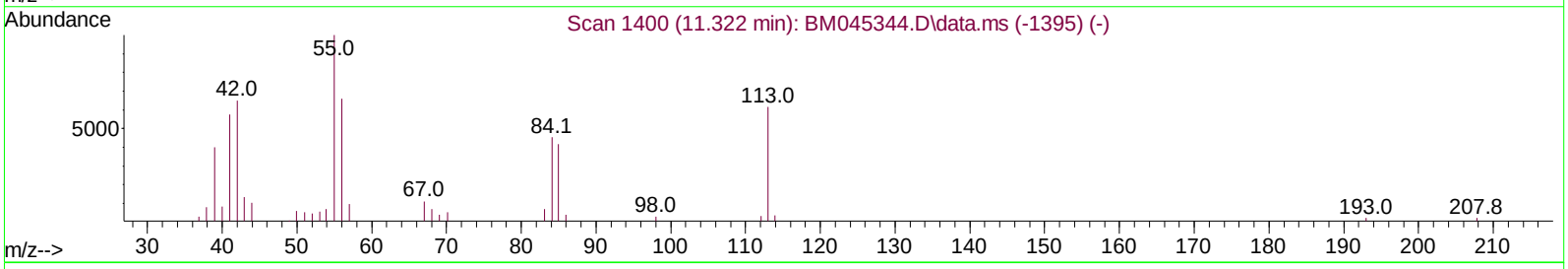

TIC: BM045350.D\data.ms

(34) Caprolactam

11.328min (-0.018) 28.93 ng/ul m

response 31172

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	149.41
56.00	114.80	116.02
0.00	0.00	0.00

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Operator : MA/JU
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Misc :
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Quant Time: Apr 18 12:43:24 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	50152	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	212487	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.222	164	131228	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.980	188	260058	20.000	ng/ul	0.00
79) Chrysene-d12	21.198	240	269805	20.000	ng/ul	0.00
88) Perylene-d12	23.392	264	367333	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	8522	6.345	ng/uL	0.00
4) Pyridine-d5	3.563	84	98891	27.077	ng/ul	0.00
7) Phenol-d5	6.757	99	126192	29.681	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	76275	30.112	ng/ul	0.00
11) 2-Chlorophenol-d4	7.104	132	103410	31.045	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	101206	30.411	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	51215	31.378	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.440	143	57149	33.173	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	100528	31.827	ng/ul	0.00
31) 4-Chloroaniline-d4	10.498	131	137857	27.414	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	279722	30.614	ng/ul	0.00
49) Acenaphthylene-d8	13.910	160	332920	30.842	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	52739	27.657	ng/ul	-0.01
60) Fluorene-d10	15.222	176	241497	29.647	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	45603	29.575	ng/ul	-0.01
73) Anthracene-d10	17.080	188	360341	30.802	ng/ul	0.00
81) Pyrene-d10	19.392	212	425650	32.040	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	571047	31.867	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	12154	8.665	ng/uL	96
5) Pyridine	3.581	79	102314	26.439	ng/ul	95
6) Benzaldehyde	6.740	77	75967	38.544	ng/ul	96
8) Phenol	6.781	94	127970	29.066	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.016	93	97271	28.308	ng/ul	95
12) 2-Chlorophenol	7.134	128	104712	29.959	ng/ul	97
13) 2-Methylphenol	8.016	108	93285	28.705	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.104	45	114581m	27.958	ng/ul	
16) Acetophenone	8.398	105	157611	29.130	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.387	70	79141	30.979	ng/ul#	87
18) 4-Methylphenol	8.345	108	101866	29.082	ng/ul	98
19) Hexachloroethane	8.616	117	47499	30.898	ng/ul	96
22) Nitrobenzene	8.775	77	127884	31.936	ng/ul	94
23) Isophorone	9.292	82	219641	29.853	ng/ul	98
25) 2-Nitrophenol	9.475	139	60366	31.570	ng/ul#	87
26) 2,4-Dimethylphenol	9.534	107	88478	24.001	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.781	93	128421	29.443	ng/ul	97
29) 2,4-Dichlorophenol	9.998	162	97486	30.549	ng/ul	97
30) Naphthalene	10.387	128	316718	28.157	ng/ul	99
32) 4-Chloroaniline	10.522	127	125098	25.565	ng/ul	99
33) Hexachlorobutadiene	10.651	225	54919	27.679	ng/ul	96
34) Caprolactam	11.328	113	31172m	28.934	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	98888	31.172	ng/ul	96

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.010	142	215050	29.281	ng/ul	96
37) 1-Methylnaphthalene	12.233	142	219297	29.506	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.381	216	104369	29.081	ng/ul#	96
40) Hexachlorocyclopentadiene	12.345	237	50733	23.352	ng/ul	99
41) 2,4,6-Trichlorophenol	12.639	196	73552	31.418	ng/ul	94
42) 2,4,5-Trichlorophenol	12.716	196	80841	31.340	ng/ul	88
43) 1,1'-Biphenyl	13.045	154	280319	30.250	ng/ul	99
44) 2-Chloronaphthalene	13.086	162	219570	29.165	ng/ul	100
45) 2-Nitroaniline	13.316	65	70942	34.136	ng/ul	91
47) Dimethylphthalate	13.698	163	276586	28.961	ng/ul	100
48) 2,6-Dinitrotoluene	13.827	165	56453	30.158	ng/ul#	78
50) Acenaphthylene	13.939	152	360737	28.614	ng/ul	99
51) 3-Nitroaniline	14.163	138	60224	29.495	ng/ul	91
52) Acenaphthene	14.286	153	236682	28.135	ng/ul	100
53) 2,4-Dinitrophenol	14.380	184	29721	26.706	ng/ul#	84
55) 4-Nitrophenol	14.475	109	50090	29.868	ng/ul#	84
56) Dibenzofuran	14.627	168	328355	28.524	ng/ul	94
57) 2,4-Dinitrotoluene	14.627	165	82196	29.335	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	14.857	232	65362	29.607	ng/ul	99
59) Diethylphthalate	15.074	149	286392	29.394	ng/ul	99
61) Fluorene	15.280	166	270457	27.875	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.280	204	121337	26.681	ng/ul	89
63) 4-Nitroaniline	15.333	138	57855	31.166	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.386	198	47708	28.891	ng/ul	93
67) N-Nitrosodiphenylamine	15.504	169	219366	31.269	ng/ul	97
68) 4-Bromophenyl-phenylether	16.180	248	76814	30.328	ng/ul	97
69) Hexachlorobenzene	16.274	284	96372	29.251	ng/ul#	92
70) Atrazine	16.474	200	76024	29.460	ng/ul	97
71) Pentachlorophenol	16.633	266	57278	28.620	ng/ul	99
72) Phenanthrene	17.027	178	411063	29.373	ng/ul	98
74) Anthracene	17.116	178	411271	28.729	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	106869	32.605	ng/uL	97
76) Pentachlorobenzene	14.539	250	106017	30.400	ng/uL	99
77) Carbazole	17.404	167	400036	28.980	ng/ul	98
78) Di-n-butylphthalate	17.968	149	501327	32.205	ng/ul	99
80) Fluoranthene	19.057	202	487888	31.137	ng/ul	98
82) Pyrene	19.421	202	521934	30.867	ng/ul	99
83) Butylbenzylphthalate	20.345	149	244285	34.482	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.127	252	187389	31.236	ng/ul	96
85) Benzo(a)anthracene	21.180	228	544942	29.767	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.127	149	369354	33.353	ng/ul	98
87) Chrysene	21.233	228	519217	30.424	ng/ul	98
89) Di-n-octyl phthalate	22.003	149	664137	28.736	ng/ul	100
90) Benzo(b)fluoranthene	22.739	252	646999	30.220	ng/ul	99
91) Benzo(k)fluoranthene	22.786	252	612538	28.425	ng/ul	99
93) Benzo(a)pyrene	23.297	252	558465	26.802	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.591	276	882346	32.691	ng/ul	98
95) Dibenzo(a,h)anthracene	25.603	278	726620	32.199	ng/ul	99
96) Benzo(g,h,i)perylene	26.262	276	689617	32.387	ng/ul	99

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

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