Quantitation Report (Qedit)

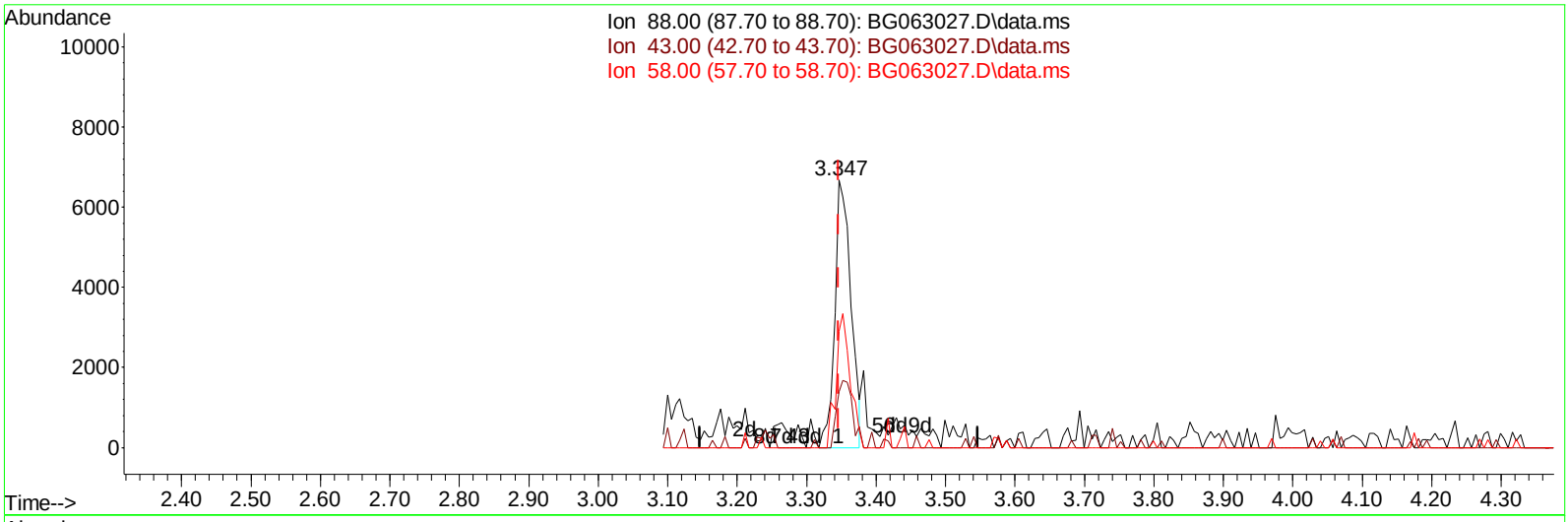
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092524\
Data File : BG063027.D
Acq On : 25 Sep 2024 10:39
Operator : RC/JU
Sample : SSTD02066
Misc :
ALS Vial : 4 Sample Multiplier: 1

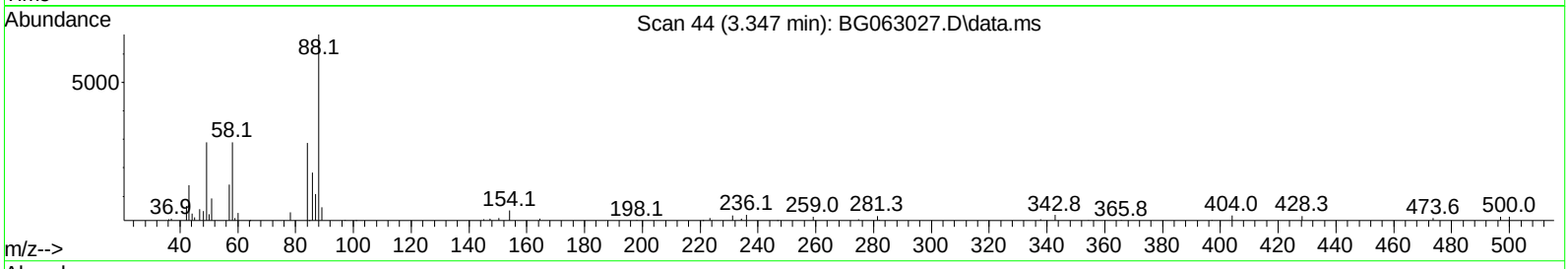
Quant Time: Sep 25 12:43:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 12:42:25 2024
Response via : Initial Calibration

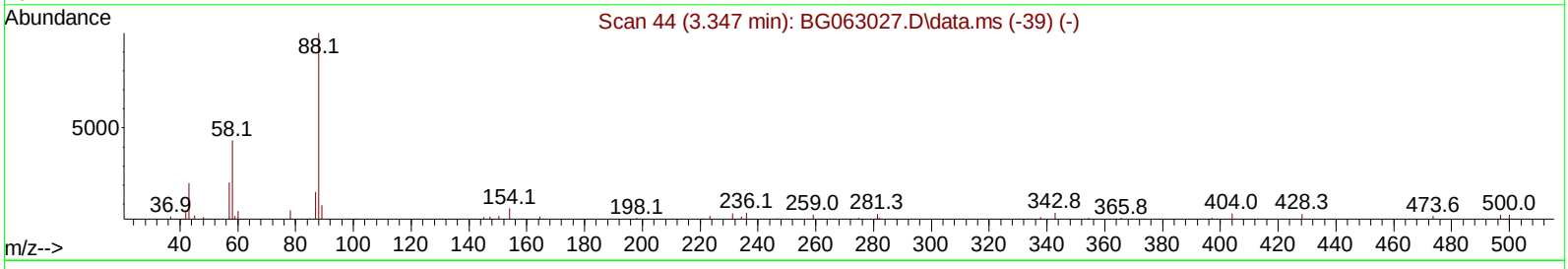
Instrument :
BNA_G
ClientSampleId :
SSTD020405

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024







TIC: BG063027.D\data.ms

(2) 1,4-Dioxane

3.347min (0.000) 5.76 ng/uL

response 10917

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	20.80	20.80
58.00	43.50	43.47
0.00	0.00	0.00

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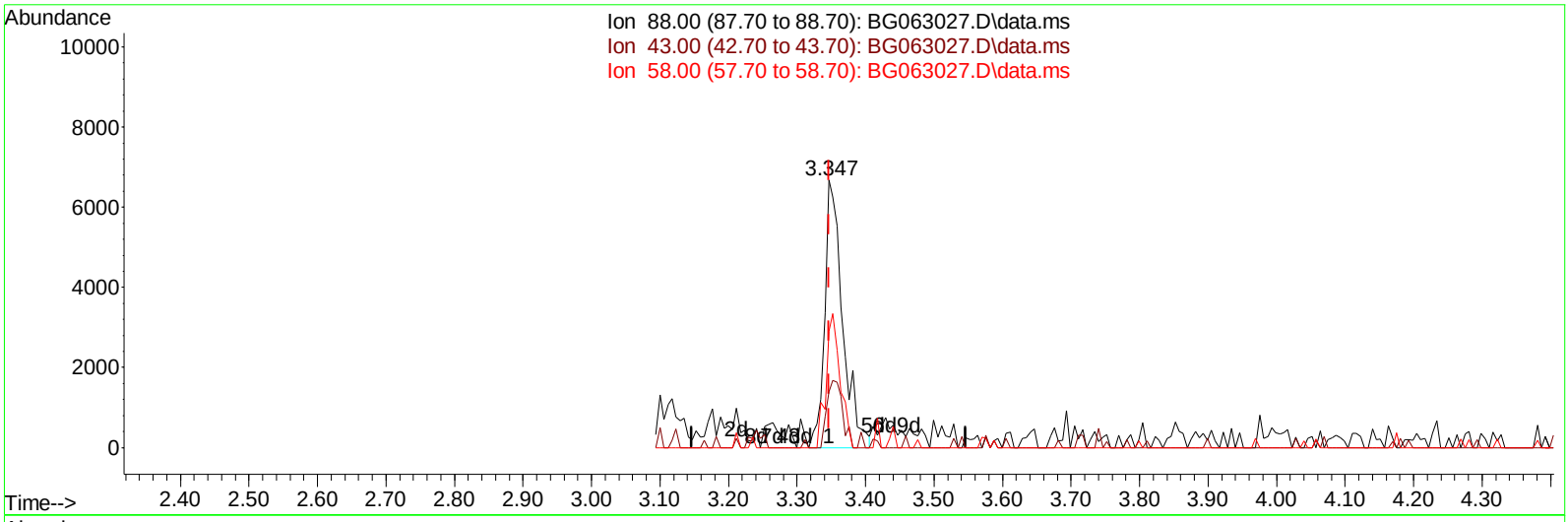

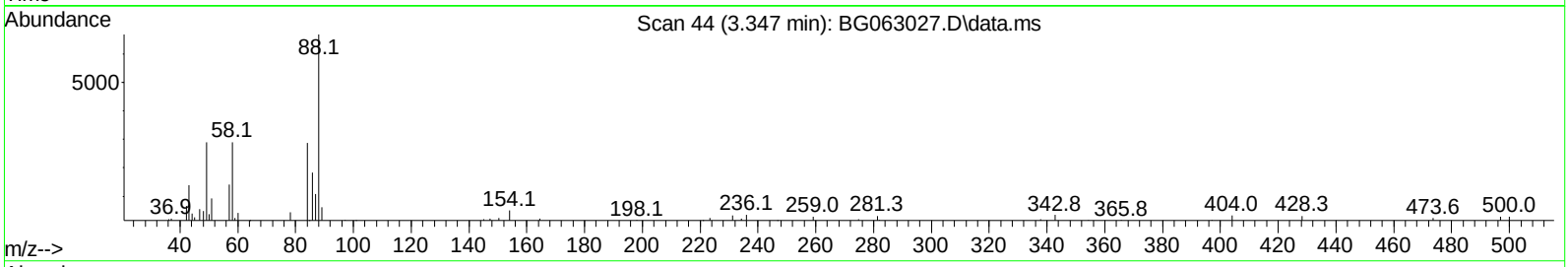

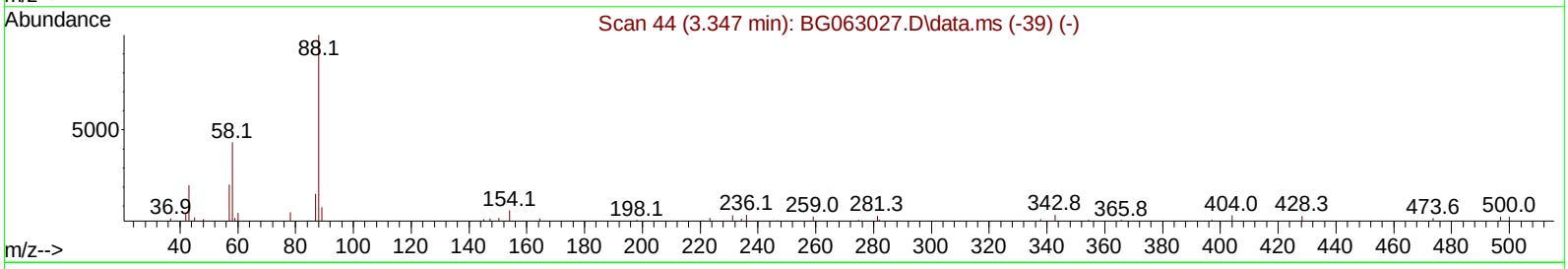

TIC: BG063027.D\data.ms

(2) 1,4-Dioxane

3.347min (0.000) 6.42 ng/uL m

response 12173

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	20.80	20.80
58.00	43.50	43.47
0.00	0.00	0.00

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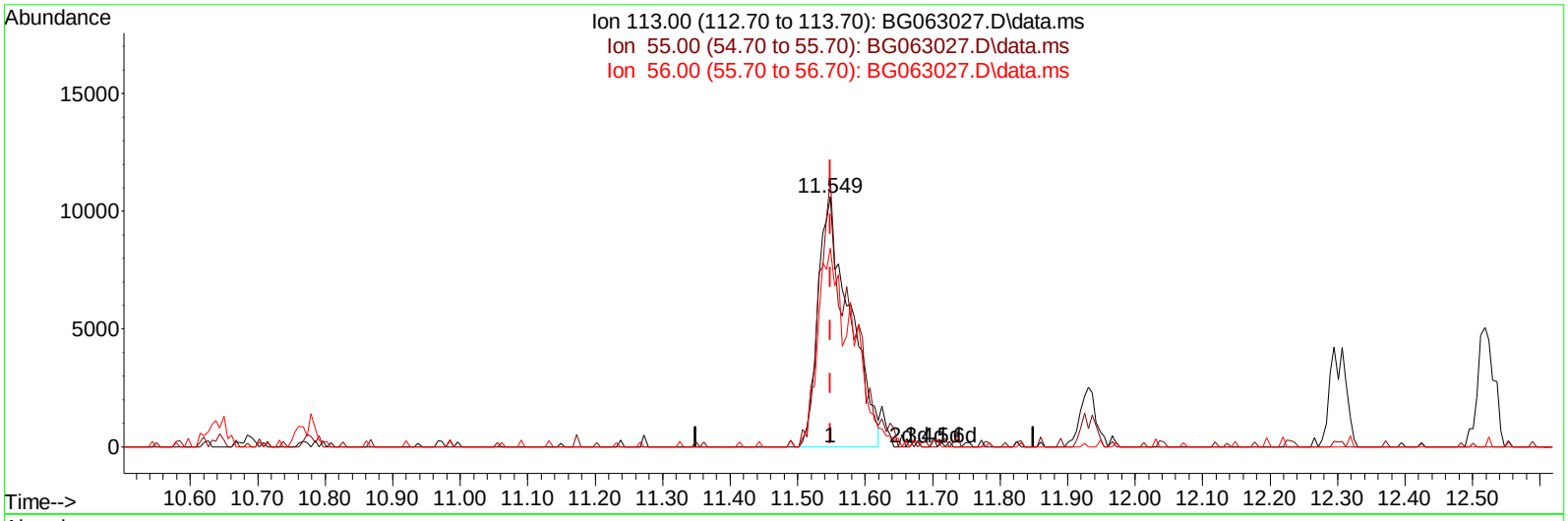

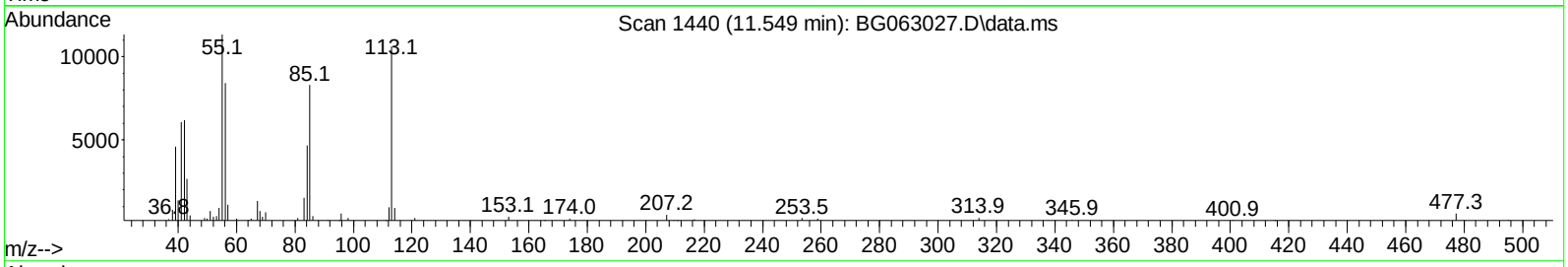

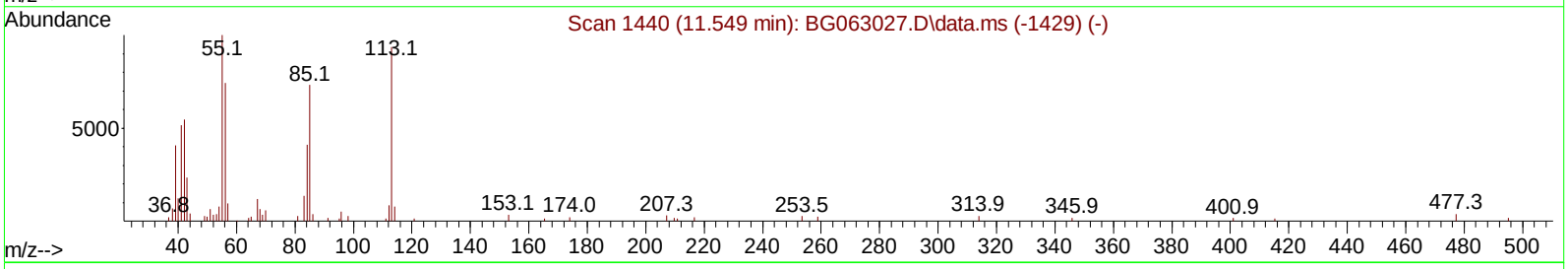

TIC: BG063027.D\data.ms

(34) Caprolactam

11.549min (0.000) 17.04 ng/ul

response 34715

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	106.80	106.83
56.00	79.40	79.40
0.00	0.00	0.00

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ClientSampleId :
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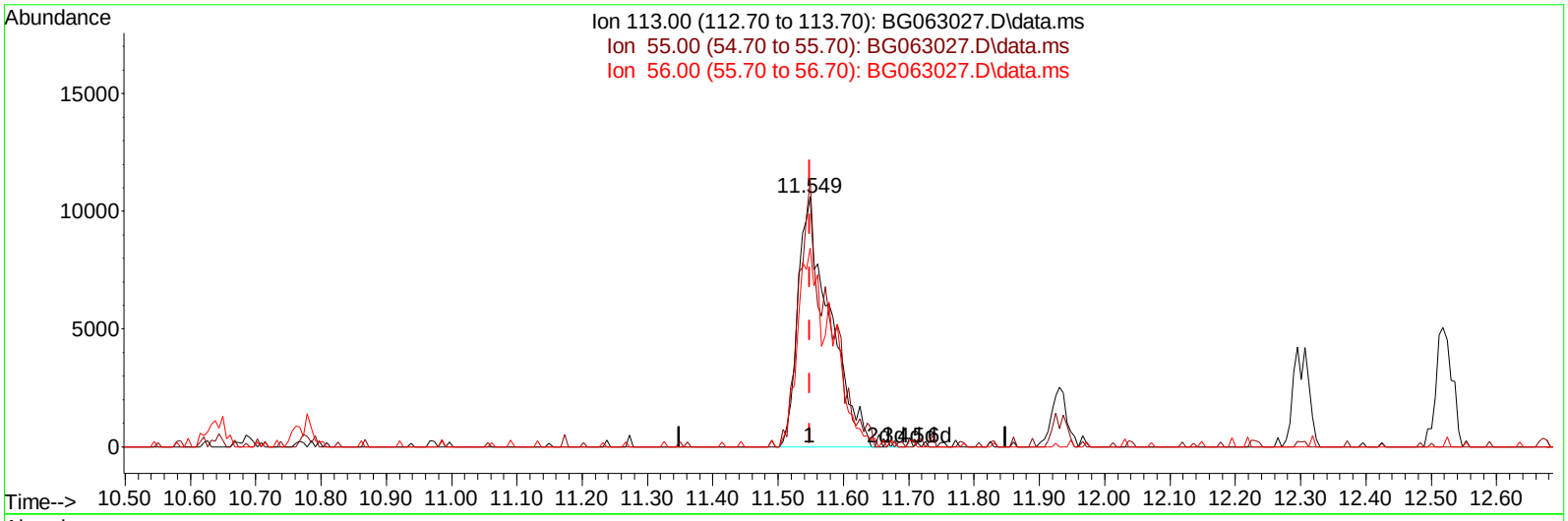

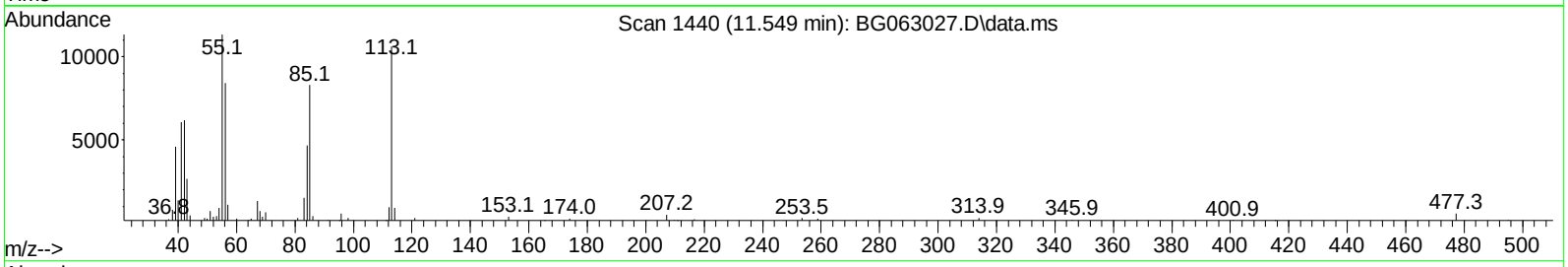

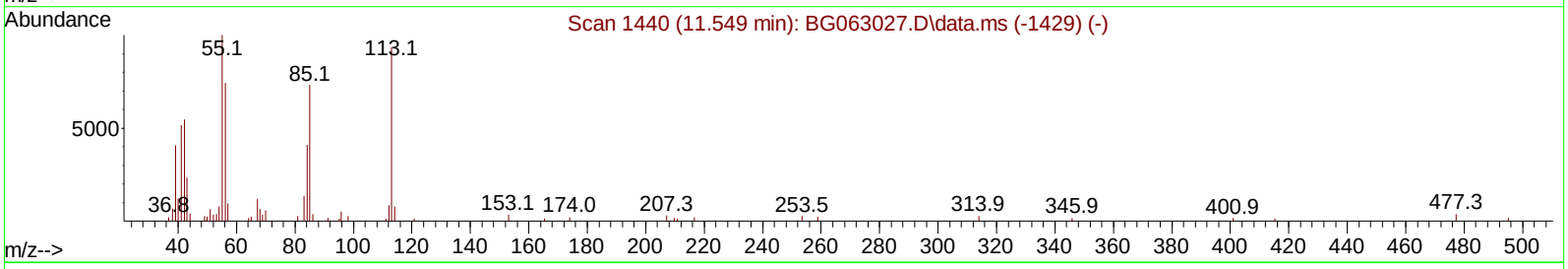

TIC: BG063027.D\data.ms

(34) Caprolactam

11.549min (0.000) 17.76 ng/ul m

response 36178

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	106.80	106.83
56.00	79.40	79.40
0.00	0.00	0.00

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Quant Time: Sep 25 12:44:48 2024
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.847	152	77804	20.000	ng/ul	0.00
20) Naphthalene-d8	10.644	136	336164	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.487	164	312720	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.236	188	922255	20.000	ng/ul	0.00
79) Chrysene-d12	21.490	240	1069949	20.000	ng/ul	0.00
88) Perylene-d12	24.528	264	1194681	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.311	96	10261	6.208	ng/uL	0.00
4) Pyridine-d5	3.723	84	69155	13.284	ng/ul	0.00
7) Phenol-d5	7.019	99	93098	14.442	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.183	67	36403	9.963	ng/ul	0.00
11) 2-Chlorophenol-d4	7.383	132	92996	18.877	ng/ul	0.00
15) 4-Methylphenol-d8	8.558	113	86122	15.798	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	46569	19.519	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	61191	22.513	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.262	165	124328	21.304	ng/ul	0.00
31) 4-Chloroaniline-d4	10.773	131	149735	19.105	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	469909	19.484	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	493156	18.675	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	73087	17.943	ng/ul	0.00
60) Fluorene-d10	15.479	176	432982	19.875	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.603	200	117882	21.244	ng/ul	0.00
73) Anthracene-d10	17.336	188	832431	19.234	ng/ul	0.00
81) Pyrene-d10	19.628	212	1134934	19.068	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.316	264	1210781	19.238	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.347	88	12173m	6.421	ng/uL	
5) Pyridine	3.740	79	65963	12.377	ng/ul	100
6) Benzaldehyde	6.989	77	52037	15.530	ng/ul	100
8) Phenol	7.048	94	96794	14.462	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.271	93	59123	12.098	ng/ul	100
12) 2-Chlorophenol	7.418	128	88858	17.911	ng/ul	100
13) 2-Methylphenol	8.294	108	81705	16.007	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.370	45	46779	5.707	ng/ul	100
16) Acetophenone	8.664	105	133746	15.381	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.652	70	55765	12.689	ng/ul	100
18) 4-Methylphenol	8.617	108	92416	16.084	ng/ul	100
19) Hexachloroethane	8.928	117	35167	17.601	ng/ul	100
22) Nitrobenzene	9.040	77	87561	14.413	ng/ul	100
23) Isophorone	9.563	82	169947	13.773	ng/ul	100
25) 2-Nitrophenol	9.757	139	60081	20.585	ng/ul	100
26) 2,4-Dimethylphenol	9.821	107	112448	18.463	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.051	93	86319	12.661	ng/ul	100
29) 2,4-Dichlorophenol	10.291	162	120388	21.036	ng/ul	100
30) Naphthalene	10.691	128	315243	17.860	ng/ul	100
32) 4-Chloroaniline	10.797	127	130894	17.154	ng/ul	100
33) Hexachlorobutadiene	10.979	225	113315	23.061	ng/ul	100
34) Caprolactam	11.549	113	36178m	17.763	ng/ul	
35) 4-Chloro-3-methylphenol	11.931	107	109274	18.050	ng/ul	100

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Instrument :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/26/2024
Supervised By :mohammad ahmed 09/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.301	142	265048	19.904	ng/ul	100
37) 1-Methylnaphthalene	12.518	142	262376	19.334	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.671	216	227739	20.871	ng/ul	100
40) Hexachlorocyclopentadiene	12.653	237	112691	20.093	ng/ul	100
41) 2,4,6-Trichlorophenol	12.918	196	131407	20.050	ng/ul	100
42) 2,4,5-Trichlorophenol	12.988	196	145932	20.658	ng/ul	100
43) 1,1'-Biphenyl	13.311	154	386023	17.915	ng/ul	100
44) 2-Chloronaphthalene	13.358	162	317733	18.125	ng/ul	100
45) 2-Nitroaniline	13.558	65	57318	12.668	ng/ul	100
47) Dimethylphthalate	13.940	163	456405	18.589	ng/ul	100
48) 2,6-Dinitrotoluene	14.058	165	90979	20.613	ng/ul	100
50) Acenaphthylene	14.204	152	498478	18.025	ng/ul	100
51) 3-Nitroaniline	14.387	138	84629	19.519	ng/ul	100
52) Acenaphthene	14.551	153	351074	17.903	ng/ul	100
53) 2,4-Dinitrophenol	14.598	184	65873	21.514	ng/ul	100
55) 4-Nitrophenol	14.704	109	89180	22.966	ng/ul	100
56) Dibenzofuran	14.886	168	559071	19.019	ng/ul	100
57) 2,4-Dinitrotoluene	14.851	165	147071	21.119	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.115	232	156443	21.523	ng/ul	100
59) Diethylphthalate	15.309	149	459215	18.934	ng/ul	100
61) Fluorene	15.538	166	455002	19.500	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.532	204	284698	20.556	ng/ul	100
63) 4-Nitroaniline	15.556	138	96536	20.516	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.615	198	125143	21.835	ng/ul	100
67) N-Nitrosodiphenylamine	15.744	169	416807	18.000	ng/ul	100
68) 4-Bromophenyl-phenylether	16.425	248	213303	19.960	ng/ul	100
69) Hexachlorobenzene	16.543	284	235158	19.448	ng/ul	100
70) Atrazine	16.696	200	224258	20.948	ng/ul	100
71) Pentachlorophenol	16.890	266	138832	18.987	ng/ul	100
72) Phenanthrene	17.277	178	895787	18.871	ng/ul	100
74) Anthracene	17.365	178	927914	19.151	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.282	216	237822	19.035	ng/ul	100
76) Pentachlorobenzene	14.810	250	256693	18.601	ng/ul	100
77) Carbazole	17.642	167	774283	19.289	ng/ul	100
78) Di-n-butylphthalate	18.200	149	823002	17.619	ng/ul	100
80) Fluoranthene	19.293	202	1294348	19.597	ng/ul	100
82) Pyrene	19.657	202	1349179	19.086	ng/ul	100
83) Butylbenzylphthalate	20.556	149	364886	17.568	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.390	252	503632	22.183	ng/ul	100
85) Benzo(a)anthracene	21.467	228	1407843	19.088	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.384	149	520185	17.138	ng/ul	100
87) Chrysene	21.531	228	1319547	18.908	ng/ul	100
89) Di-n-octyl phthalate	22.536	149	870195	16.234	ng/ul	100
90) Benzo(b)fluoranthene	23.564	252	1390666	18.970	ng/ul	100
91) Benzo(k)fluoranthene	23.629	252	1419540	18.926	ng/ul	100
93) Benzo(a)pyrene	24.381	252	1293386	18.705	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.941	276	1586266	18.659	ng/ul	100
95) Dibenzo(a,h)anthracene	28.000	278	1281009	18.776	ng/ul	100
96) Benzo(g,h,i)perylene	29.017	276	1201727	18.368	ng/ul	100

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

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