Quantitation Report (Qedit)

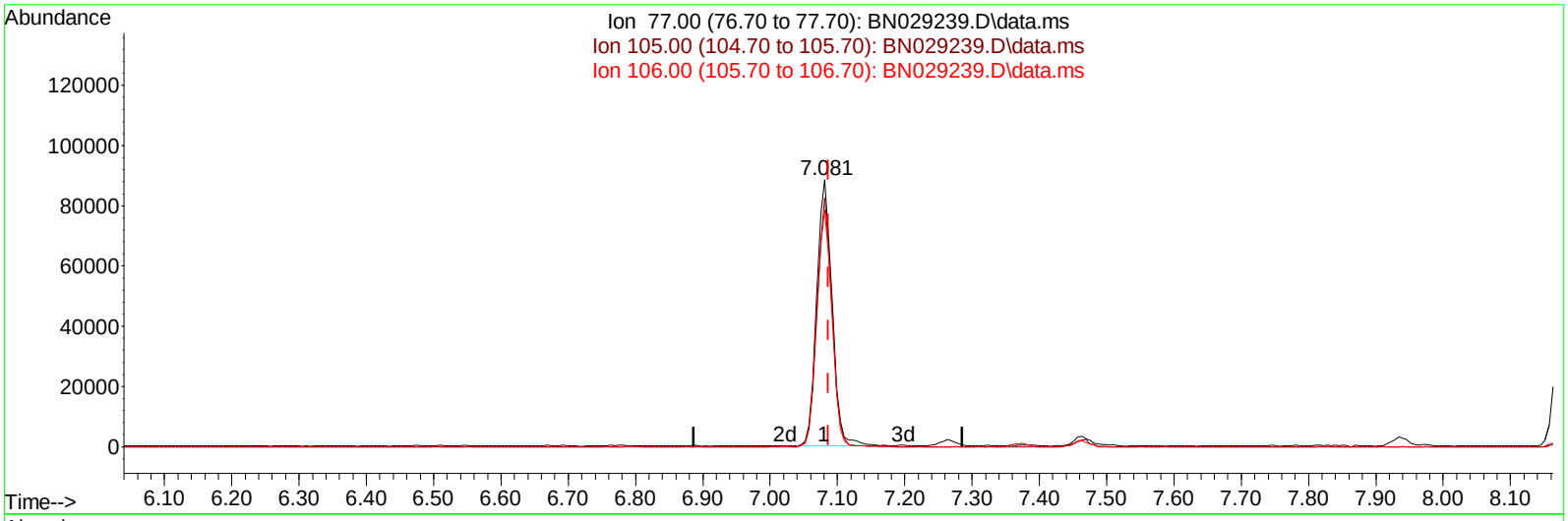
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011524\
Data File : BN029239.D
Acq On : 15 Jan 2024 16:53
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

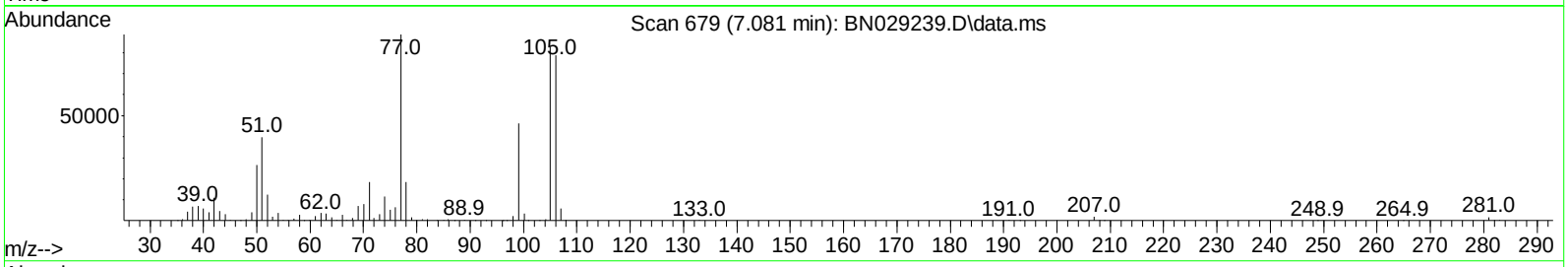
Quant Time: Jan 16 04:08:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 16 03:57:40 2024
Response via : Initial Calibration

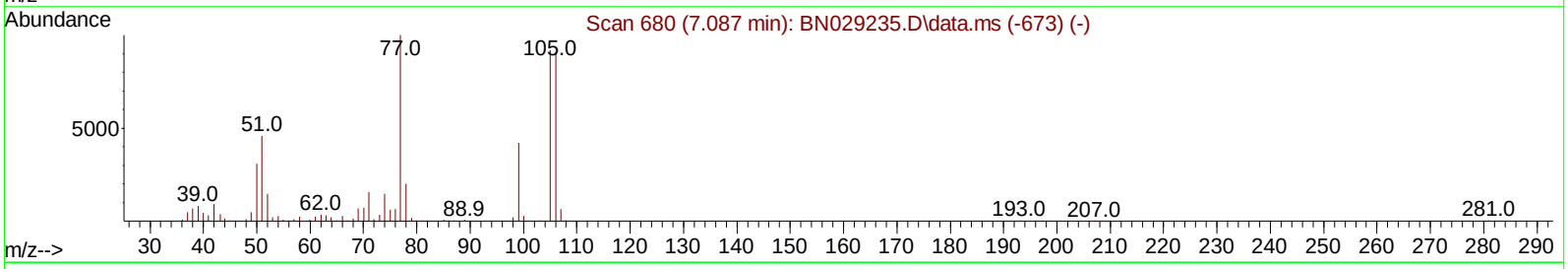
Instrument :
BNA_N
ClientSampleId :
SICV231

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024







TIC: BN029239.D\data.ms

(6) Benzaldehyde

7.081min (-0.006) 27.93 ng/ul

response 140566

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.60	93.21
106.00	90.60	88.78
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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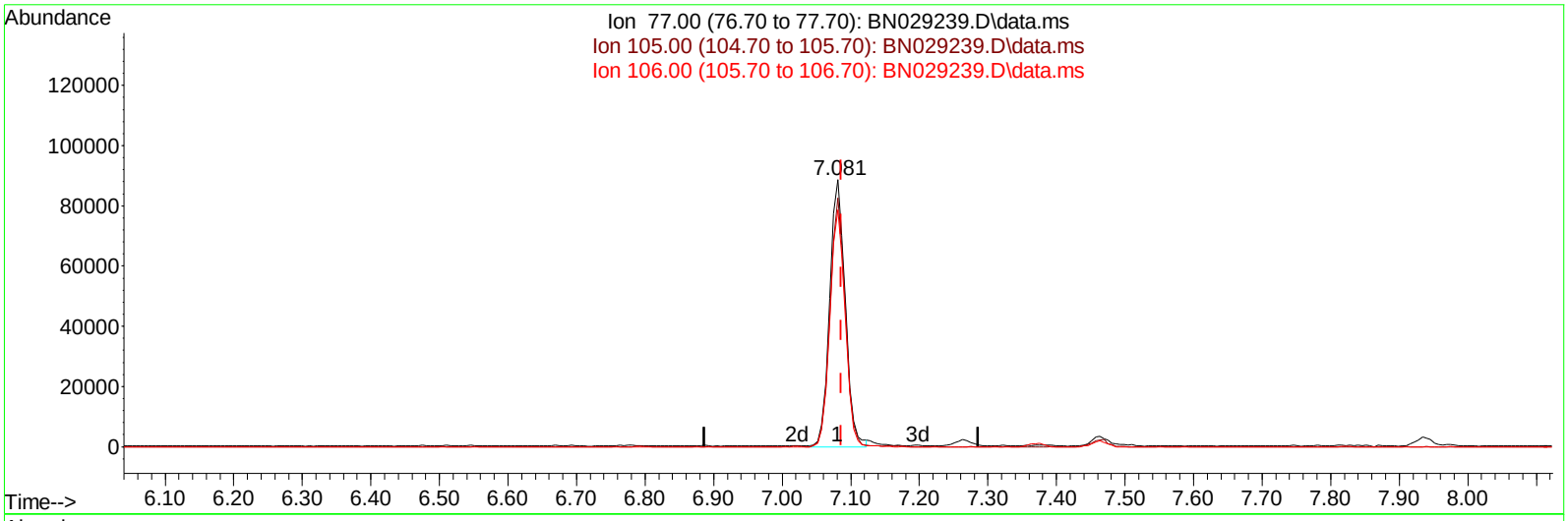

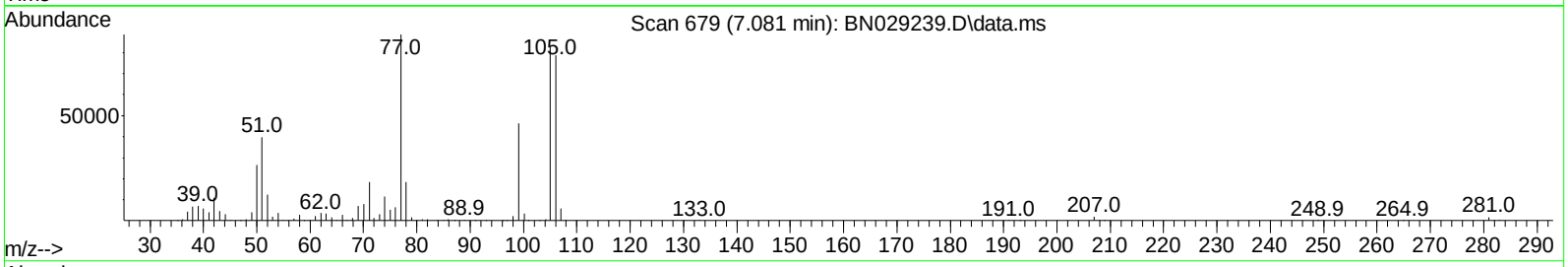

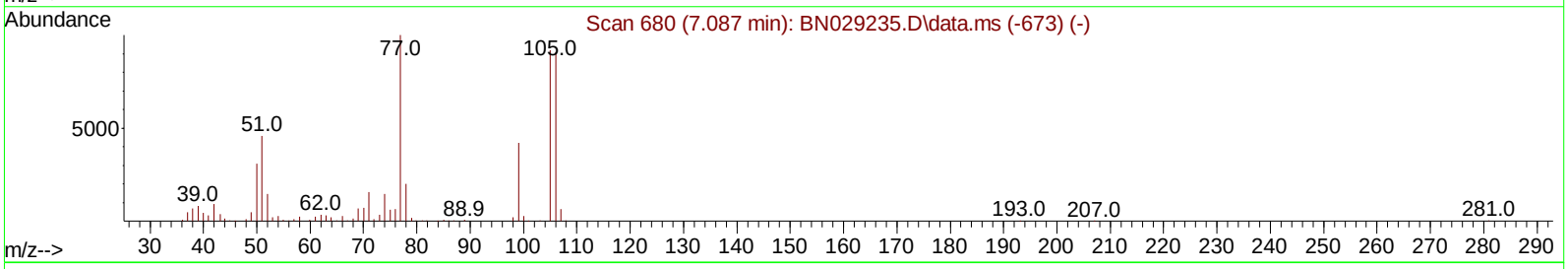

TIC: BN029239.D\data.ms

(6) Benzaldehyde

7.081min (-0.006) 27.84 ng/ul m

response 140119

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	91.60	93.21
106.00	90.60	88.78
0.00	0.00	0.00

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ClientSampleId :
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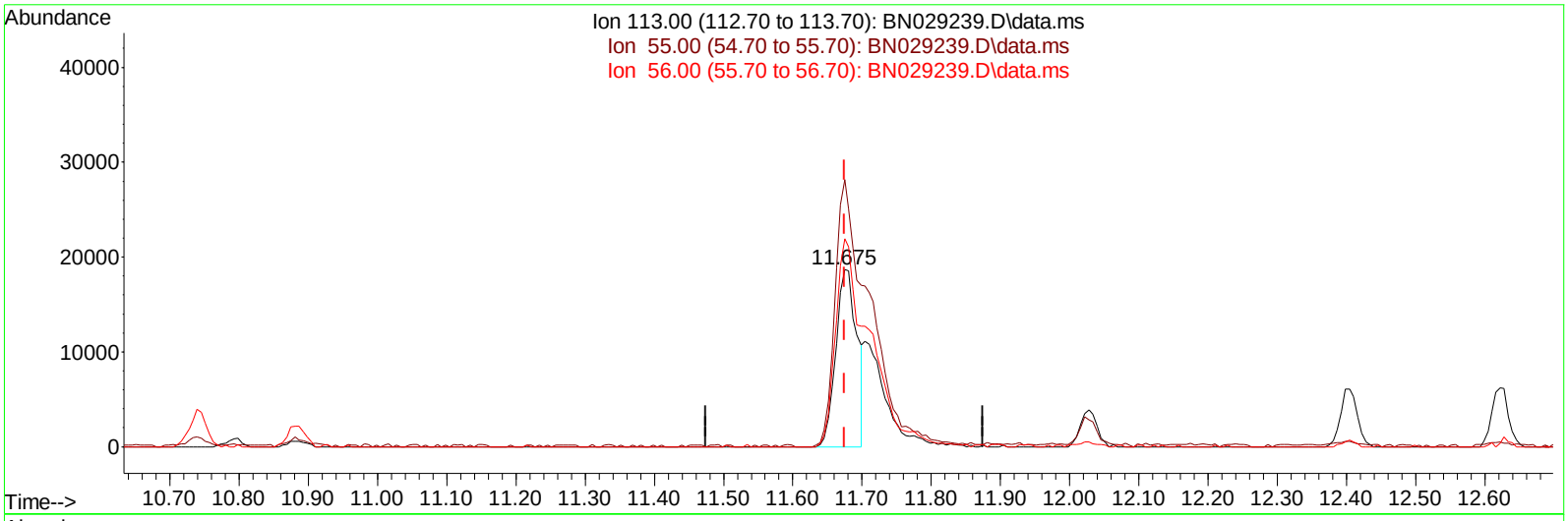

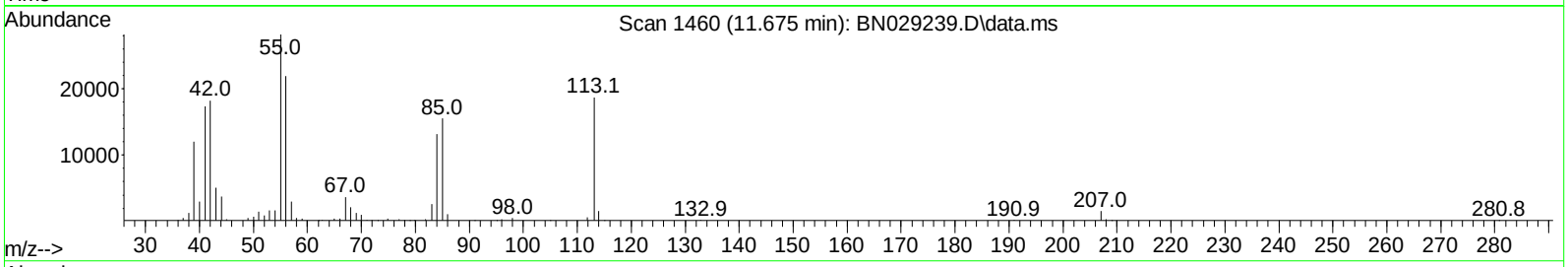

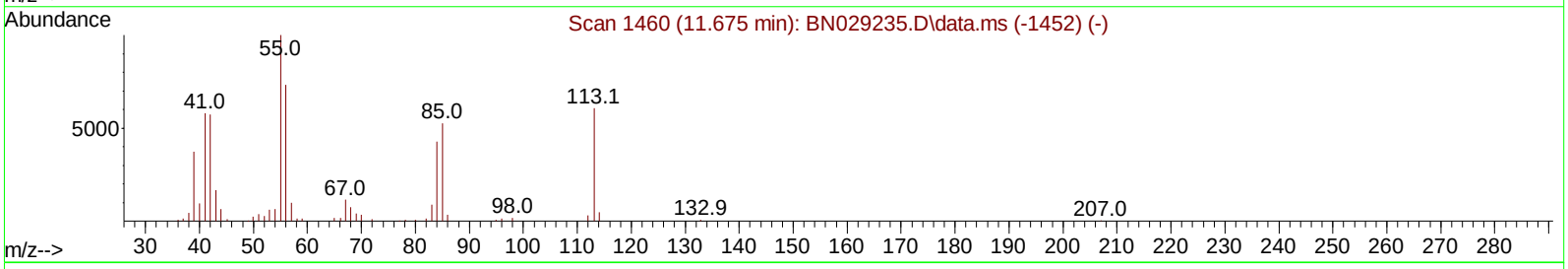

TIC: BN029239.D\data.ms

(34) Caprolactam

11.675min (+ 0.000) 12.19 ng/ul

response 39124

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	150.66
56.00	120.60	117.39
0.00	0.00	0.00

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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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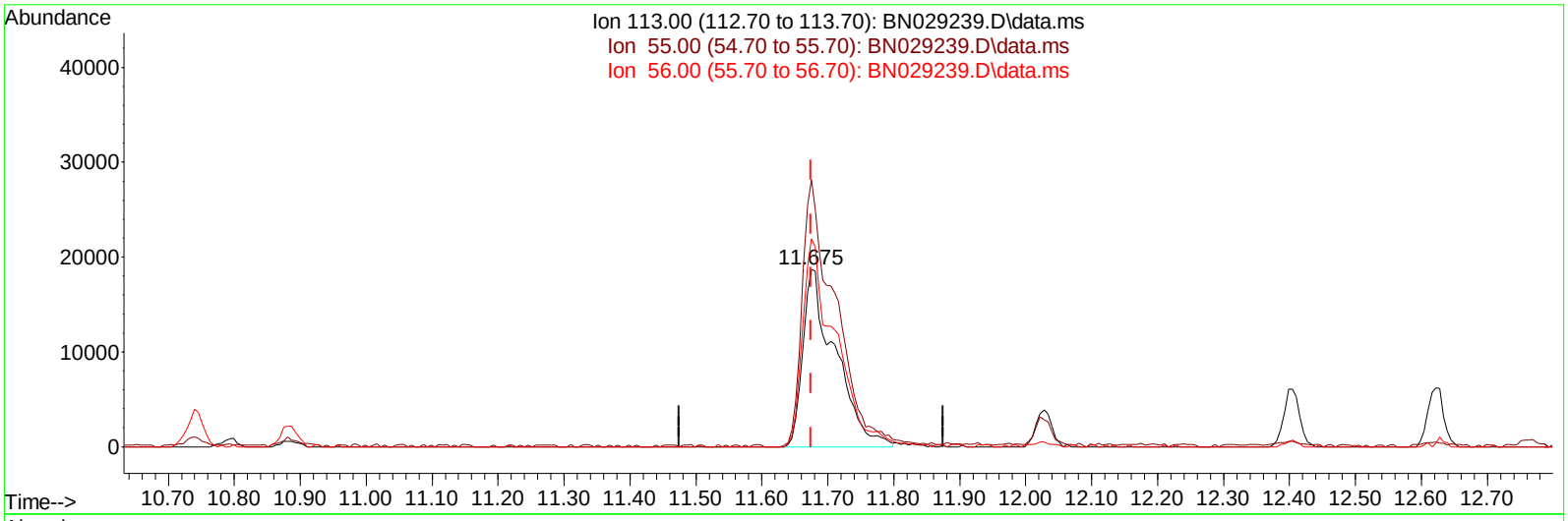

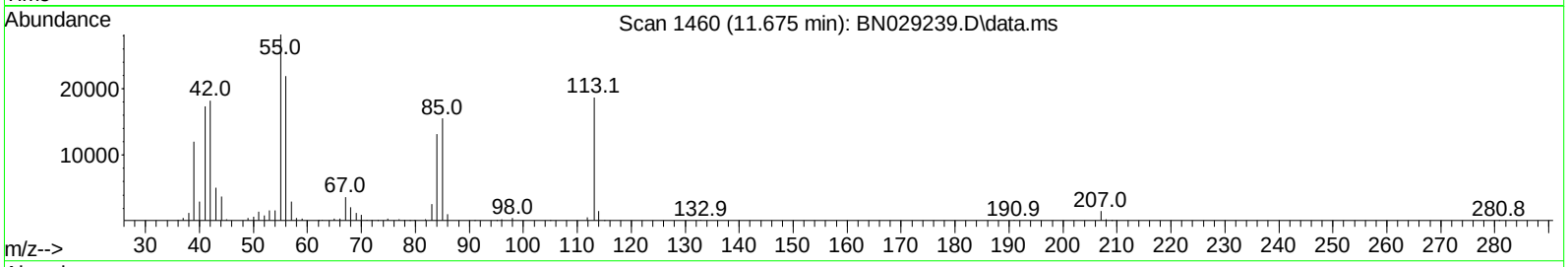

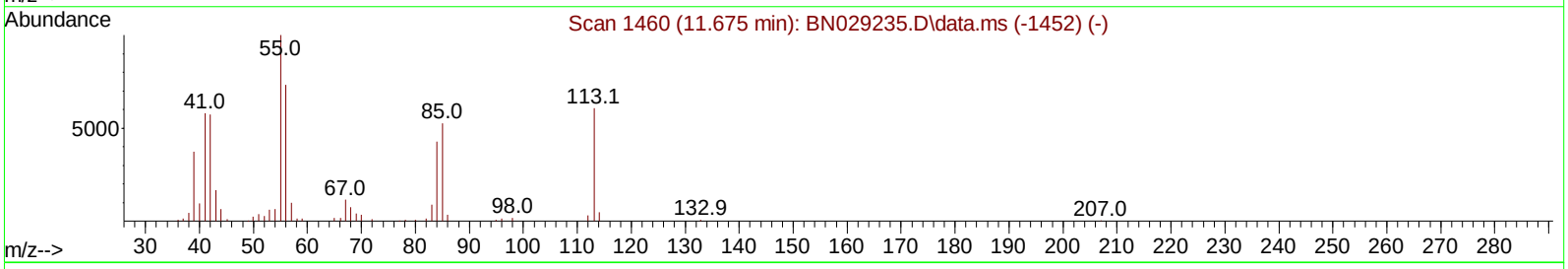

TIC: BN029239.D\data.ms

(34) Caprolactam

11.675min (+ 0.000) 19.82 ng/ul m

response 63620

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	150.66
56.00	120.60	117.39
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	116869	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.740	136	537673	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	366059	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	830970	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	874231	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	1008017	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	20976	7.412	ng/uL	0.00
4) Pyridine-d5	3.775	84	175958	20.159	ng/ul	0.00
7) Phenol-d5	7.099	99	222911	19.879	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	153102	21.648	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.463	132	171750	21.653	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	183392	20.285	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	87135	22.338	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	76715	23.715	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	176419	21.909	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	281617	19.324	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	622585	20.662	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	694873	20.477	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	108817	20.750	ng/ul	0.00
60) Fluorene-d10	15.575	176	522244	20.337	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.698	200	64009	18.317	ng/ul	0.00
73) Anthracene-d10	17.433	188	842936	20.179	ng/ul	0.00
81) Pyrene-d10	19.727	212	991707	20.414	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.792	264	1090373	20.988	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	21102	7.351	ng/uL	97
5) Pyridine	3.799	79	149019	16.711	ng/ul	98
6) Benzaldehyde	7.081	77	140119m	27.844	ng/ul	
8) Phenol	7.122	94	204237	17.921	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.369	93	163667	17.694	ng/ul	98
12) 2-Chlorophenol	7.493	128	163388	19.788	ng/ul	97
13) 2-Methylphenol	8.381	108	156267	18.001	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.481	45	198413	16.774	ng/ul	99
16) Acetophenone	8.769	105	288735	18.848	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.751	70	153227	19.005	ng/ul	99
18) 4-Methylphenol	8.710	108	171836	18.394	ng/ul	94
19) Hexachloroethane	9.010	117	69678	18.588	ng/ul	96
22) Nitrobenzene	9.146	77	207036	19.198	ng/ul	93
23) Isophorone	9.669	82	424314	18.511	ng/ul	99
25) 2-Nitrophenol	9.857	139	82396	21.755	ng/ul	95
26) 2,4-Dimethylphenol	9.916	107	158561	15.658	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.163	93	236764	18.350	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	160429	20.259	ng/ul	98
30) Naphthalene	10.793	128	562903	18.360	ng/ul	99
32) 4-Chloroaniline	10.910	127	251482	17.739	ng/ul	100
33) Hexachlorobutadiene	11.069	225	102584	18.354	ng/ul	94
34) Caprolactam	11.675	113	63620m	19.823	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	190185	20.243	ng/ul	99

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.404	142	394458	18.398	ng/ul	100
37) 1-Methylnaphthalene	12.622	142	391363	18.397	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.763	216	213728	18.734	ng/ul	96
40) Hexachlorocyclopentadiene	12.740	237	107445	14.066	ng/ul	99
41) 2,4,6-Trichlorophenol	13.010	196	126889	20.072	ng/ul	99
42) 2,4,5-Trichlorophenol	13.075	196	137970	19.441	ng/ul	99
43) 1,1'-Biphenyl	13.416	154	561012	19.018	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	418100	18.143	ng/ul	98
45) 2-Nitroaniline	13.669	65	128263	20.999	ng/ul	96
47) Dimethylphthalate	14.051	163	560213	18.257	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	112370	22.651	ng/ul	92
50) Acenaphthylene	14.304	152	722858	18.360	ng/ul	99
51) 3-Nitroaniline	14.492	138	125851	23.355	ng/ul#	93
52) Acenaphthene	14.645	153	459429	17.778	ng/ul	99
53) 2,4-Dinitrophenol	14.698	184	36300	17.121	ng/ul	97
55) 4-Nitrophenol	14.792	109	89623	18.656	ng/ul	99
56) Dibenzofuran	14.981	168	656252	18.775	ng/ul	98
57) 2,4-Dinitrotoluene	14.951	165	152744	21.024	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.204	232	127872	21.839	ng/ul	99
59) Diethylphthalate	15.416	149	585298	18.286	ng/ul	99
61) Fluorene	15.633	166	552619	18.257	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.633	204	264799	17.903	ng/ul	98
63) 4-Nitroaniline	15.657	138	135605	25.555	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.710	198	63016	15.660	ng/ul	97
67) N-Nitrosodiphenylamine	15.845	169	480579	19.074	ng/ul	97
68) 4-Bromophenyl-phenylether	16.528	248	167909	18.078	ng/ul	98
69) Hexachlorobenzene	16.622	284	201568	18.031	ng/ul#	92
70) Atrazine	16.804	200	169501	17.718	ng/ul	95
71) Pentachlorophenol	16.975	266	99931	16.545	ng/ul	97
72) Phenanthrene	17.375	178	895400	18.572	ng/ul	98
74) Anthracene	17.469	178	892470	17.826	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.375	216	205744	18.312	ng/uL	96
76) Pentachlorobenzene	14.892	250	216972	18.656	ng/uL	95
77) Carbazole	17.739	167	817649	17.661	ng/ul	100
78) Di-n-butylphthalate	18.322	149	1058132	18.742	ng/ul	100
80) Fluoranthene	19.392	202	1074105	18.713	ng/ul	98
82) Pyrene	19.757	202	1113050	18.257	ng/ul	99
83) Butylbenzylphthalate	20.686	149	466517	19.569	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.457	252	422892	20.850	ng/ul	94
85) Benzo(a)anthracene	21.521	228	1171939	18.192	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.474	149	746006	18.952	ng/ul	97
87) Chrysene	21.574	228	1050253	17.627	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1244185	17.509	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	1217265	19.043	ng/ul	99
91) Benzo(k)fluoranthene	23.262	252	1070164	16.801	ng/ul	97
93) Benzo(a)pyrene	23.845	252	1045127	17.243	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.456	276	1390956	18.132	ng/ul	98
95) Dibenzo(a,h)anthracene	26.486	278	1159444	18.124	ng/ul	98
96) Benzo(g,h,i)perylene	27.215	276	1113255	18.174	ng/ul	98

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

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Manual IntegrationsAPPROVED

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