Quantitation Report (Qedit)

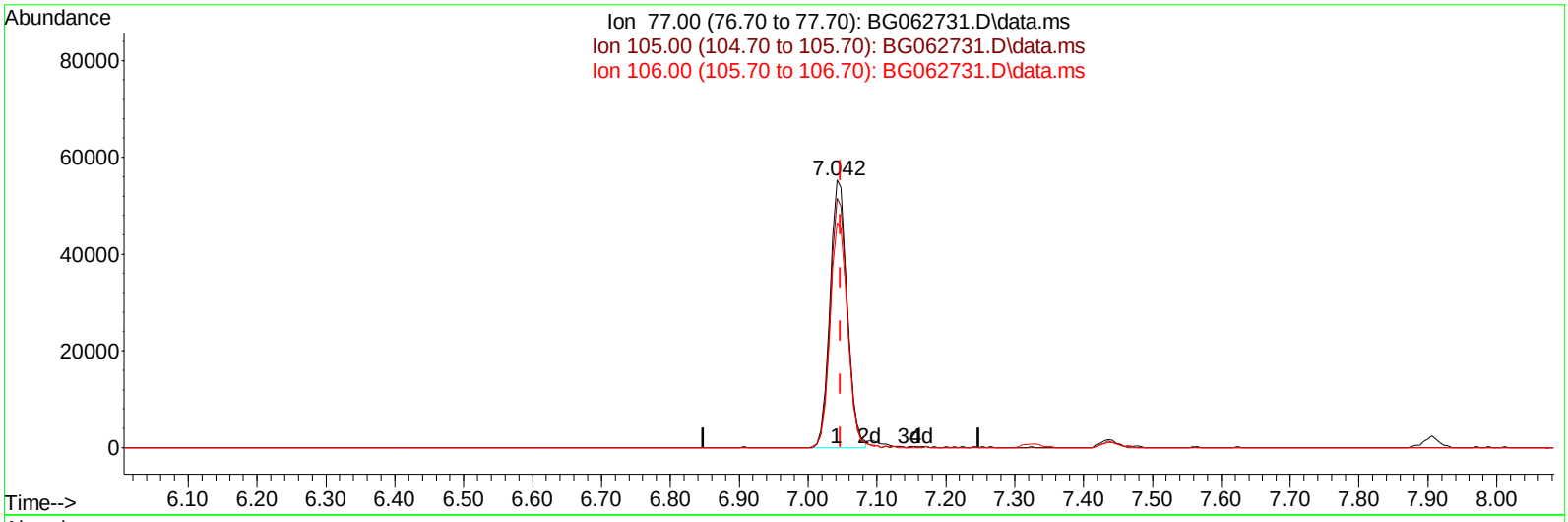
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091024\
Data File : BG062731.D
Acq On : 11 Sep 2024 11:47
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

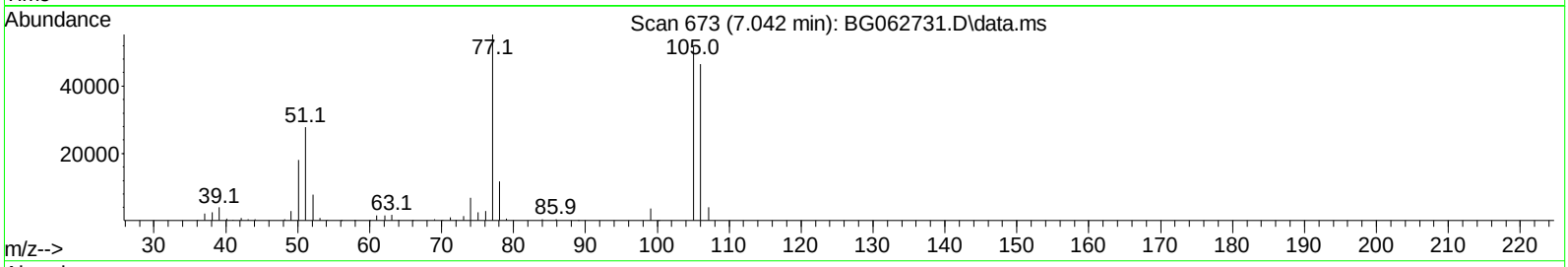
Quant Time: Sep 11 12:56:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

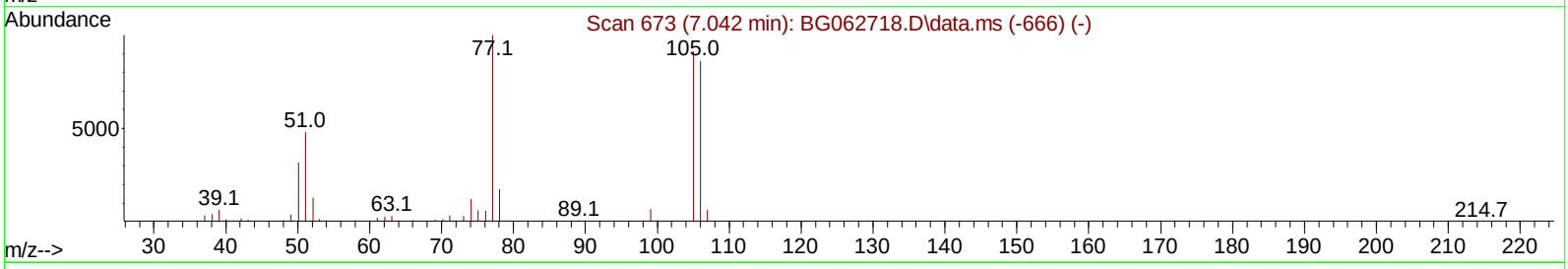
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024







TIC: BG062731.D\data.ms

(6) Benzaldehyde

7.042min (-0.005) 23.98 ng/ul

response 95622

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	93.14
106.00	86.30	83.97
0.00	0.00	0.00

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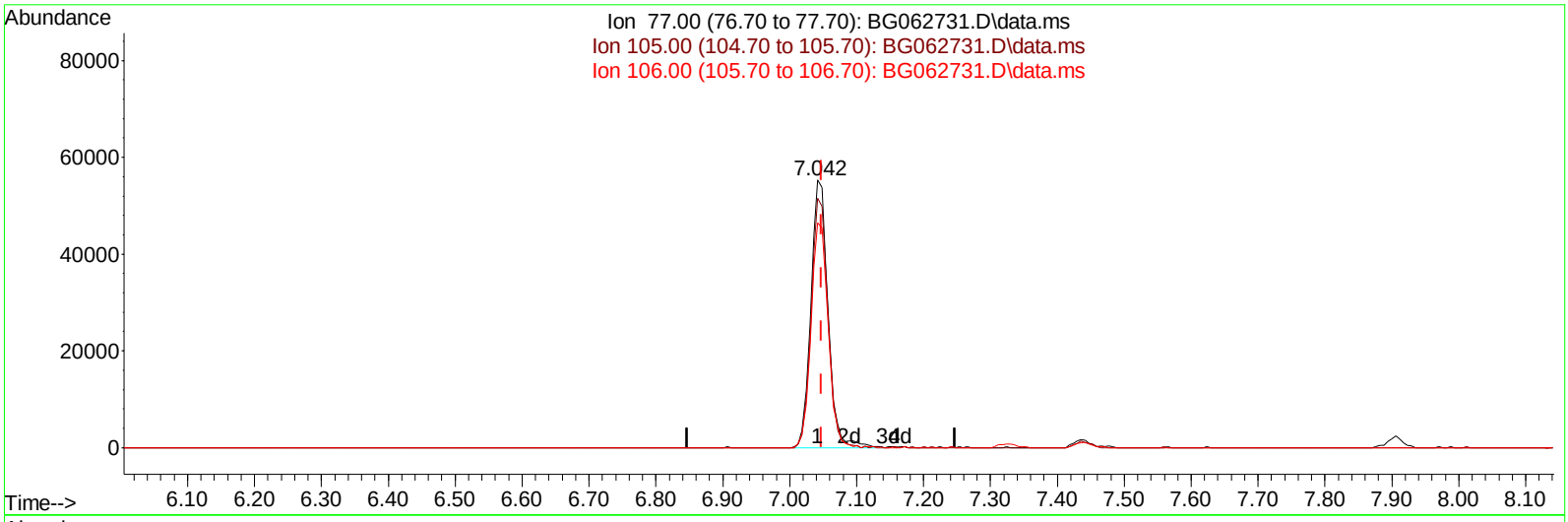

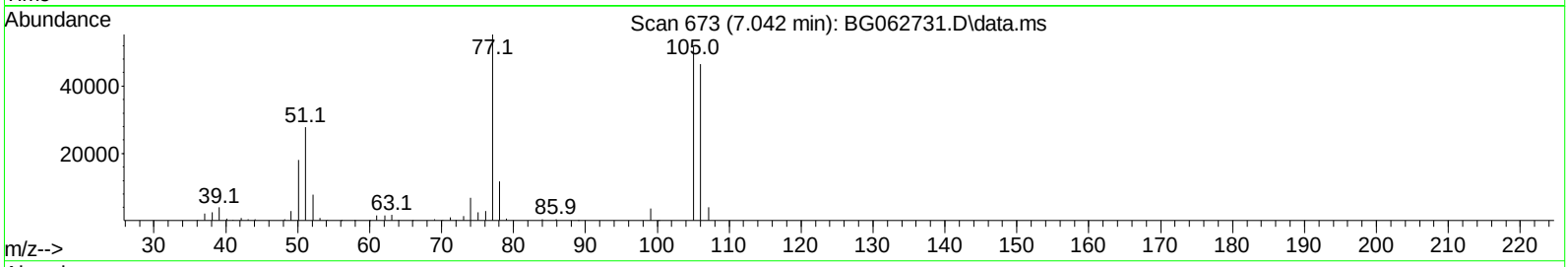

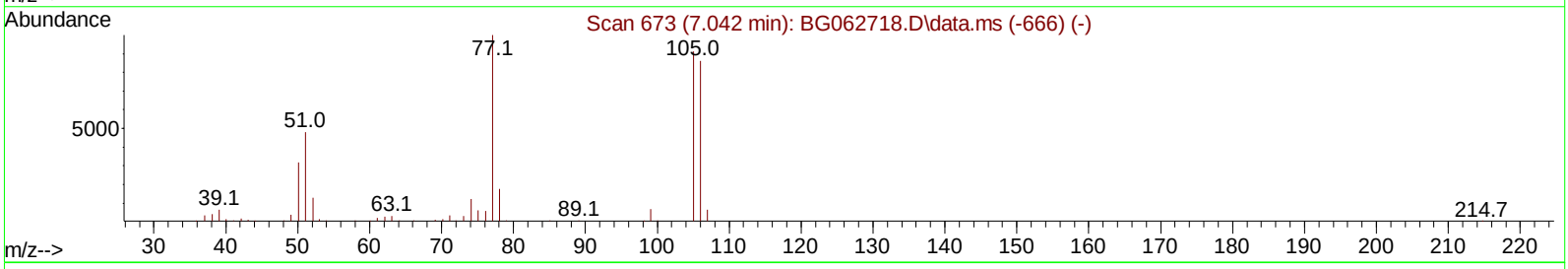

TIC: BG062731.D\data.ms

(6) Benzaldehyde

7.042min (-0.005) 24.53 ng/ul m

response 97810

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	98.70	93.14
106.00	86.30	83.97
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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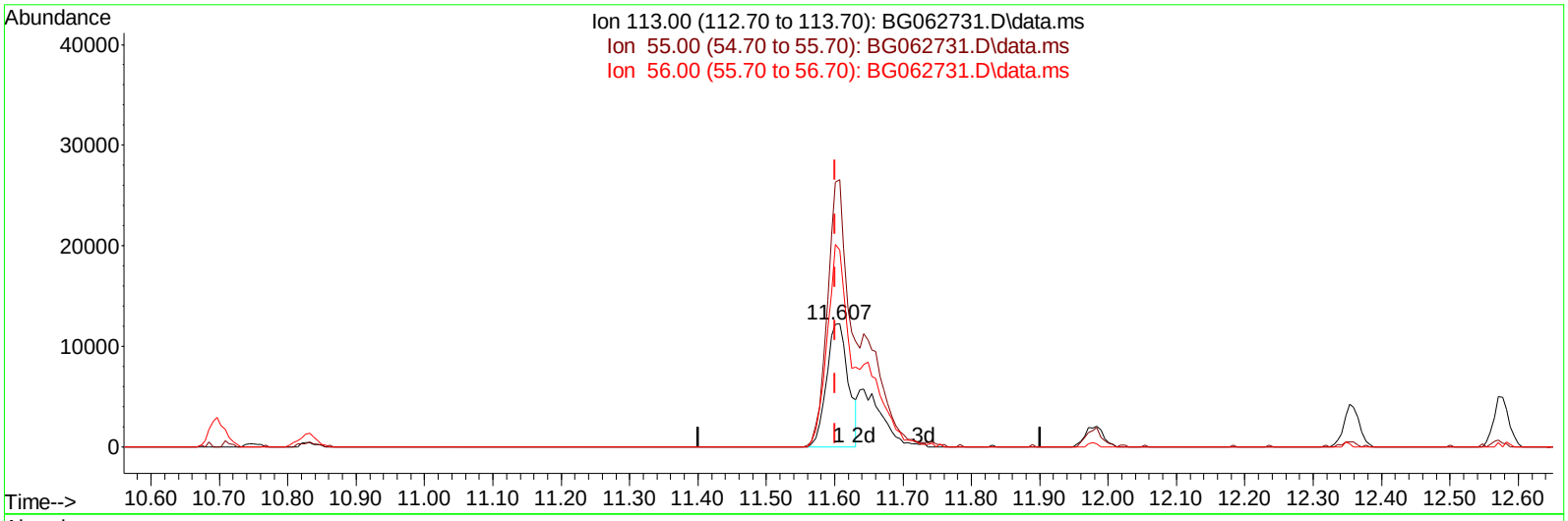

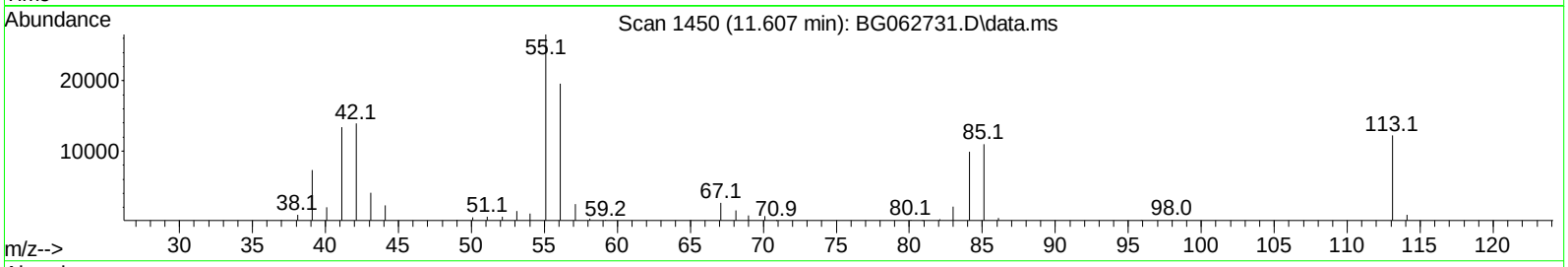

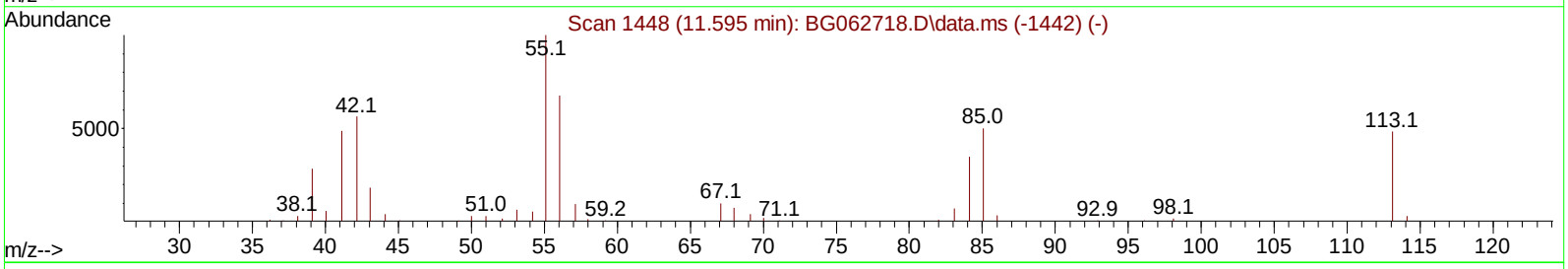

TIC: BG062731.D\data.ms

(34) Caprolactam

11.607min (+ 0.006) 12.96 ng/ul

response 27196

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	217.05
56.00	156.30	159.83
0.00	0.00	0.00

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LabSampleId :
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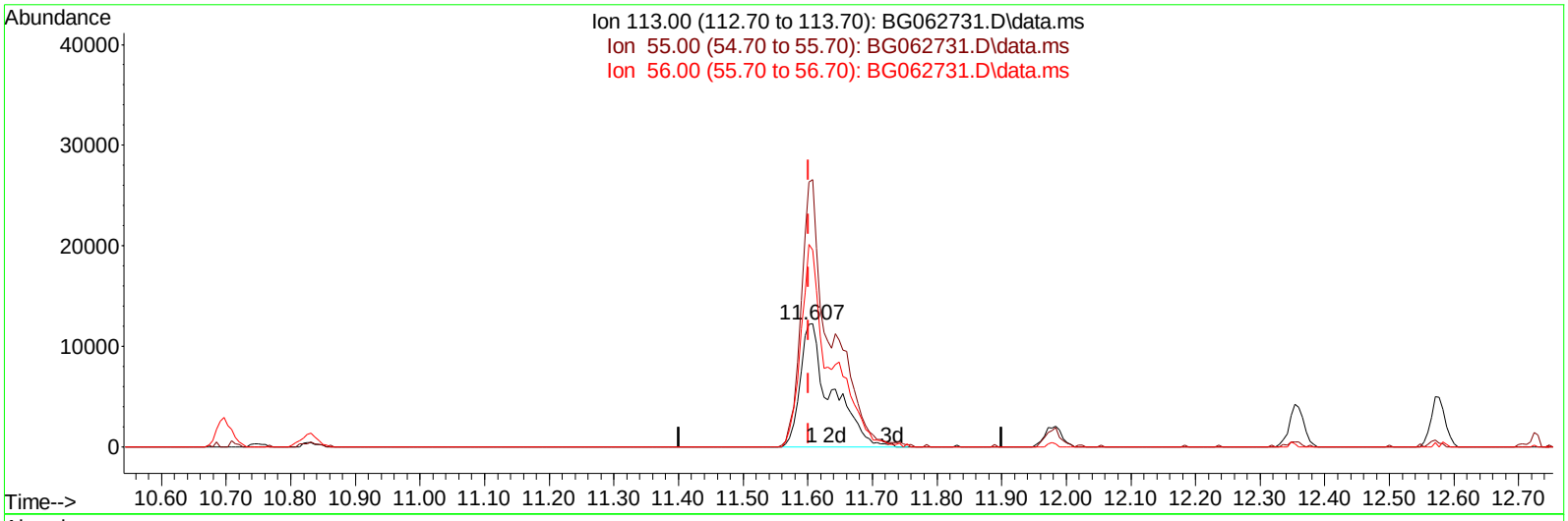

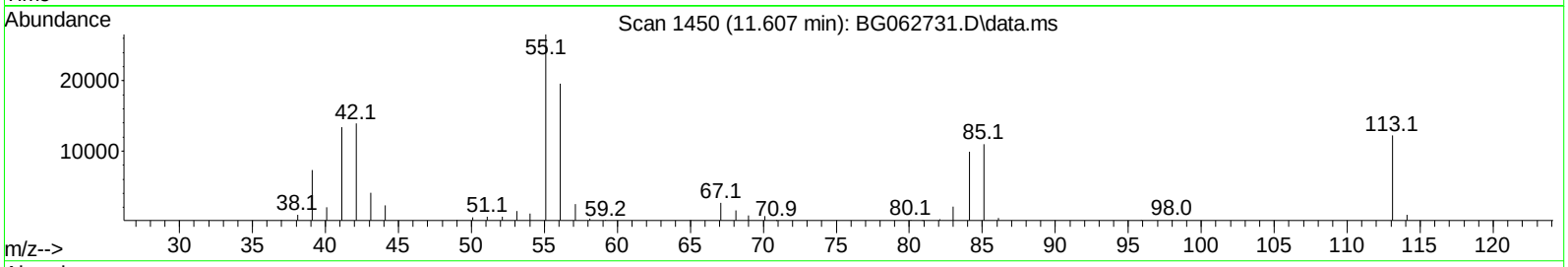

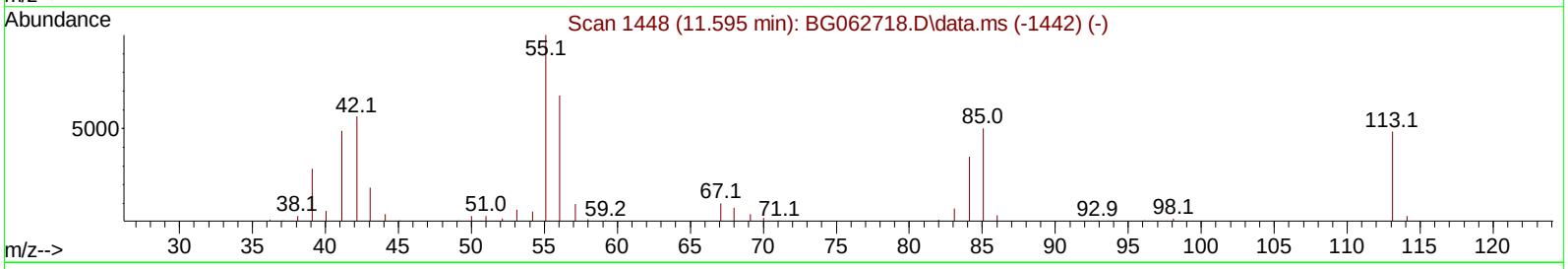

TIC: BG062731.D\data.ms

(34) Caprolactam

11.607min (+ 0.006) 19.52 ng/ul m

response 40970

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	217.05
56.00	156.30	159.83
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.906	152	82709	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	339713	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	305587	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	778441	20.000	ng/ul	0.00
79) Chrysene-d12	21.525	240	810552	20.000	ng/ul	0.00
88) Perylene-d12	24.586	264	870740	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	14220	7.772	ng/uL	0.00
4) Pyridine-d5	3.769	84	104417	17.928	ng/ul	0.00
7) Phenol-d5	7.071	99	138531	19.101	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.236	67	82632	19.004	ng/ul	0.00
11) 2-Chlorophenol-d4	7.436	132	107958	20.436	ng/ul	0.00
15) 4-Methylphenol-d8	8.611	113	120159	19.881	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	54167	22.310	ng/ul	0.00
24) 2-Nitrophenol-d4	9.780	143	62090	23.383	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.321	165	126092	21.805	ng/ul	0.00
31) 4-Chloroaniline-d4	10.832	131	158480	19.938	ng/ul	0.00
46) Dimethylphthalate-d6	13.940	166	449417	19.098	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	514400	19.682	ng/ul	0.00
54) 4-Nitrophenol-d4	14.733	143	78011	19.514	ng/ul	0.00
60) Fluorene-d10	15.526	176	408935	19.284	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	88372	19.736	ng/ul	0.00
73) Anthracene-d10	17.377	188	720529	19.613	ng/ul	0.00
81) Pyrene-d10	19.668	212	891236	19.540	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.381	264	900716	19.590	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	13616	6.640	ng/uL	97
5) Pyridine	3.787	79	111709	18.287	ng/ul	98
6) Benzaldehyde	7.042	77	97810m	24.529	ng/ul	
8) Phenol	7.095	94	143864	19.082	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.324	93	108637	19.062	ng/ul	98
12) 2-Chlorophenol	7.471	128	109752	20.319	ng/ul	95
13) 2-Methylphenol	8.346	108	108585	19.207	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.423	45	189748	18.497	ng/ul	98
16) Acetophenone	8.722	105	190948	19.439	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.711	70	102586	19.950	ng/ul	97
18) 4-Methylphenol	8.670	108	125057	19.662	ng/ul	92
19) Hexachloroethane	8.981	117	44271	20.360	ng/ul	93
22) Nitrobenzene	9.098	77	144434	21.990	ng/ul	98
23) Isophorone	9.621	82	287236	21.390	ng/ul	98
25) 2-Nitrophenol	9.809	139	63960	21.855	ng/ul	92
26) 2,4-Dimethylphenol	9.874	107	132278	21.152	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.103	93	147825	19.697	ng/ul	97
29) 2,4-Dichlorophenol	10.344	162	122995	21.595	ng/ul	97
30) Naphthalene	10.749	128	361515	19.847	ng/ul	99
32) 4-Chloroaniline	10.855	127	157808	19.962	ng/ul	98
33) Hexachlorobutadiene	11.037	225	102757	21.657	ng/ul	96
34) Caprolactam	11.607	113	40970m	19.517	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	126623	20.380	ng/ul	97

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Instrument :
BNA_G
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SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/12/2024
Supervised By :mohammad ahmed 09/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.359	142	264116	19.647	ng/ul	98
37) 1-Methylnaphthalene	12.577	142	270512	19.645	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.724	216	191471	18.225	ng/ul	98
40) Hexachlorocyclopentadiene	12.706	237	98668	18.355	ng/ul	98
41) 2,4,6-Trichlorophenol	12.964	196	119879	18.839	ng/ul	98
42) 2,4,5-Trichlorophenol	13.035	196	132697	19.422	ng/ul	95
43) 1,1'-Biphenyl	13.364	154	384828	17.908	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	317191	18.152	ng/ul	99
45) 2-Nitroaniline	13.611	65	94553	19.719	ng/ul	97
47) Dimethylphthalate	13.987	163	465053	19.190	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	90040	21.089	ng/ul	96
50) Acenaphthylene	14.257	152	535561	19.410	ng/ul	99
51) 3-Nitroaniline	14.433	138	89935	21.039	ng/ul	99
52) Acenaphthene	14.598	153	375310	19.203	ng/ul	100
53) 2,4-Dinitrophenol	14.639	184	57660	20.452	ng/ul	94
55) 4-Nitrophenol	14.751	109	69216	19.262	ng/ul	98
56) Dibenzofuran	14.933	168	555824	19.143	ng/ul	97
57) 2,4-Dinitrotoluene	14.892	165	137610	20.614	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.162	232	144206	20.828	ng/ul	98
59) Diethylphthalate	15.356	149	452231	18.916	ng/ul	98
61) Fluorene	15.585	166	438153	19.210	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.573	204	259965	19.431	ng/ul	99
63) 4-Nitroaniline	15.597	138	95328	20.724	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.661	198	94472	20.354	ng/ul	98
67) N-Nitrosodiphenylamine	15.791	169	394635	19.767	ng/ul	99
68) 4-Bromophenyl-phenylether	16.466	248	182003	20.318	ng/ul	98
69) Hexachlorobenzene	16.590	284	204253	19.971	ng/ul	99
70) Atrazine	16.737	200	177576	19.971	ng/ul	99
71) Pentachlorophenol	16.930	266	125930	20.585	ng/ul	97
72) Phenanthrene	17.324	178	797679	19.705	ng/ul	100
74) Anthracene	17.412	178	816590	19.787	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.335	216	203890	19.180	ng/ul	97
76) Pentachlorobenzene	14.856	250	238001	20.203	ng/ul	93
77) Carbazole	17.682	167	674521	19.710	ng/ul	99
78) Di-n-butylphthalate	18.241	149	798266	19.723	ng/ul	100
80) Fluoranthene	19.333	202	985487	19.508	ng/ul	99
82) Pyrene	19.698	202	1042246	19.167	ng/ul	99
83) Butylbenzylphthalate	20.591	149	341371	21.147	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.425	252	371648	21.779	ng/ul	98
85) Benzo(a)anthracene	21.507	228	1090812	19.349	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.425	149	492993	20.741	ng/ul	99
87) Chrysene	21.572	228	1033018	19.315	ng/ul	100
89) Di-n-octyl phthalate	22.583	149	840663	20.756	ng/ul	100
90) Benzo(b)fluoranthene	23.623	252	1067695	19.860	ng/ul	99
91) Benzo(k)fluoranthene	23.681	252	1071306	19.462	ng/ul	99
93) Benzo(a)pyrene	24.445	252	995191	19.626	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.047	276	1242547	19.889	ng/ul	98
95) Dibenzo(a,h)anthracene	28.100	278	1006420	20.055	ng/ul	99
96) Benzo(g,h,i)perylene	29.116	276	961381	19.924	ng/ul	99

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

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