Quantitation Report (Qedit)

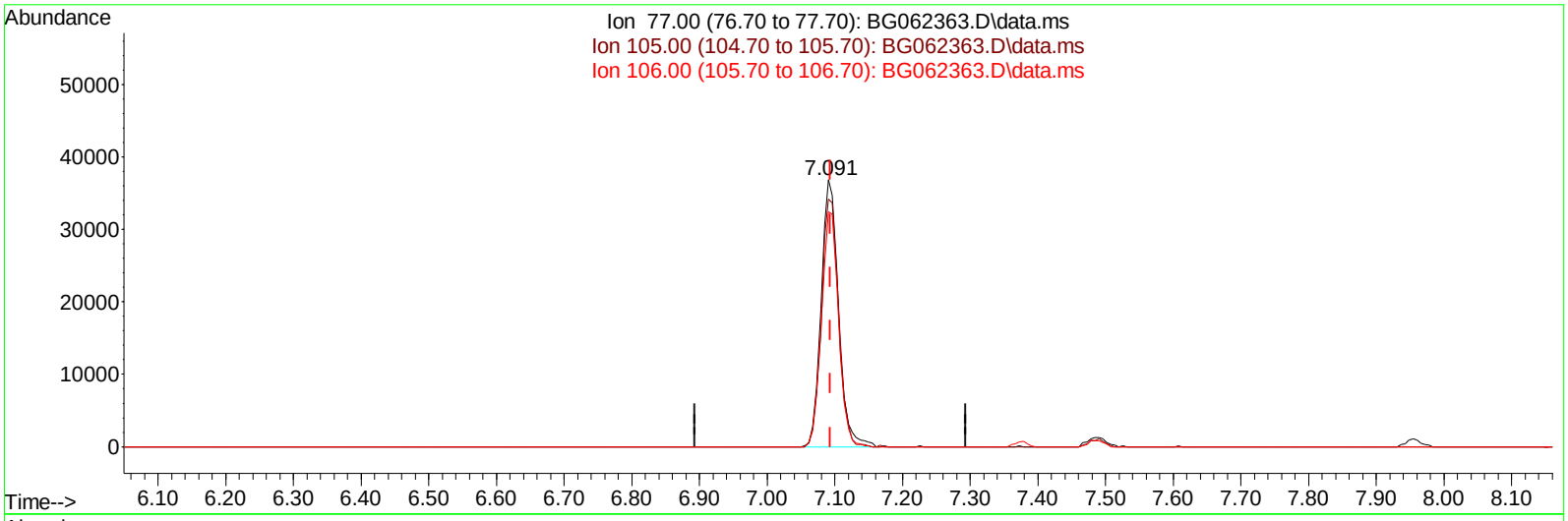
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062363.D
Acq On : 12 Aug 2024 12:30
Operator : MA/JU
Sample : PB162650BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

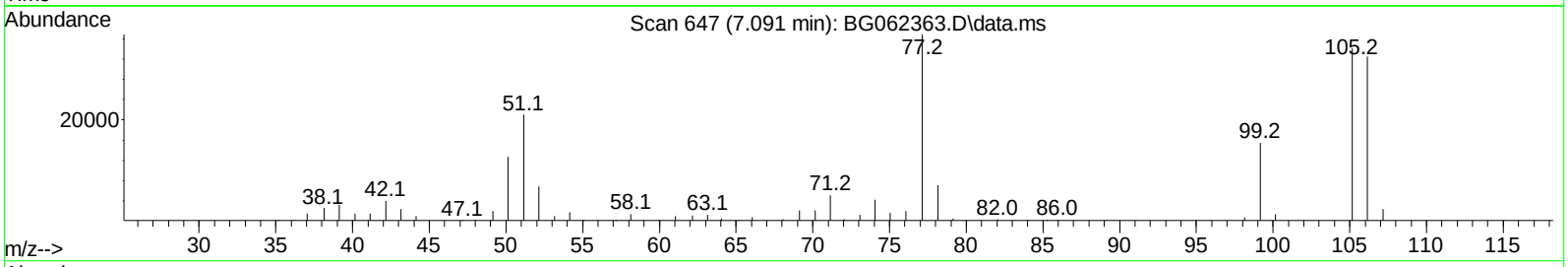
Quant Time: Aug 12 13:08:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

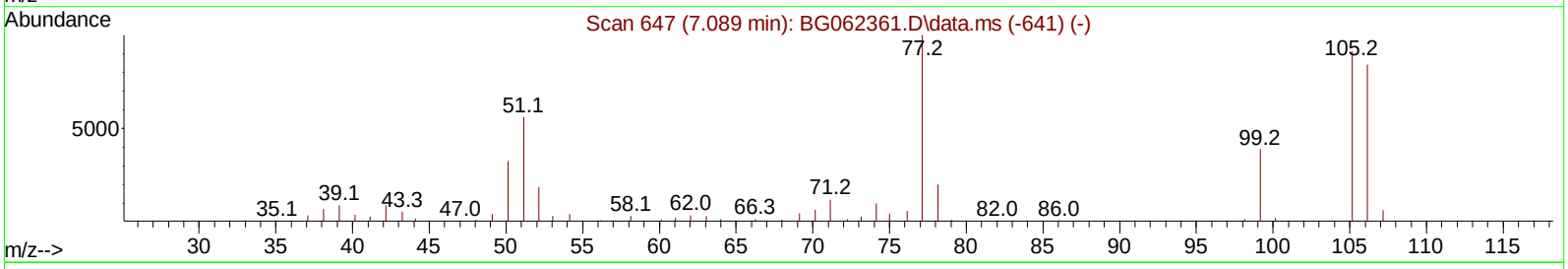
Instrument :
BNA_G
ClientSampleId :
SLCS650

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024







TIC: BG062363.D\data.ms

(6) Benzaldehyde

7.091min (-0.003) 29.62 ng/ul

response 65799

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	92.70
106.00	91.40	88.12
0.00	0.00	0.00

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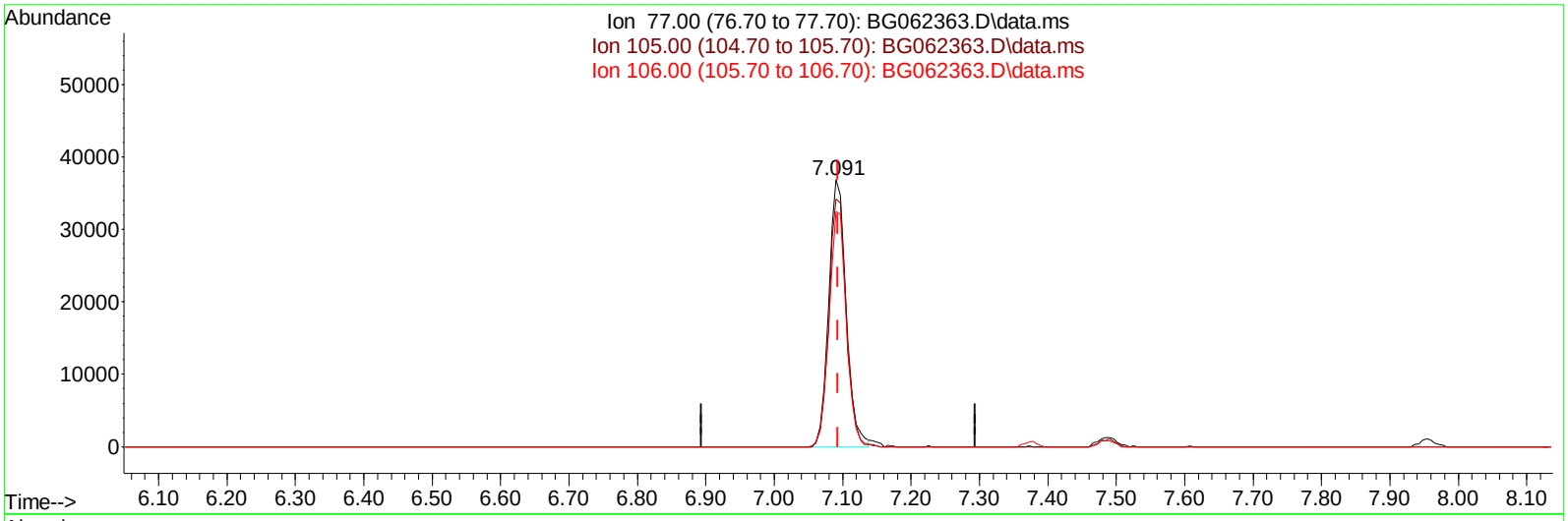

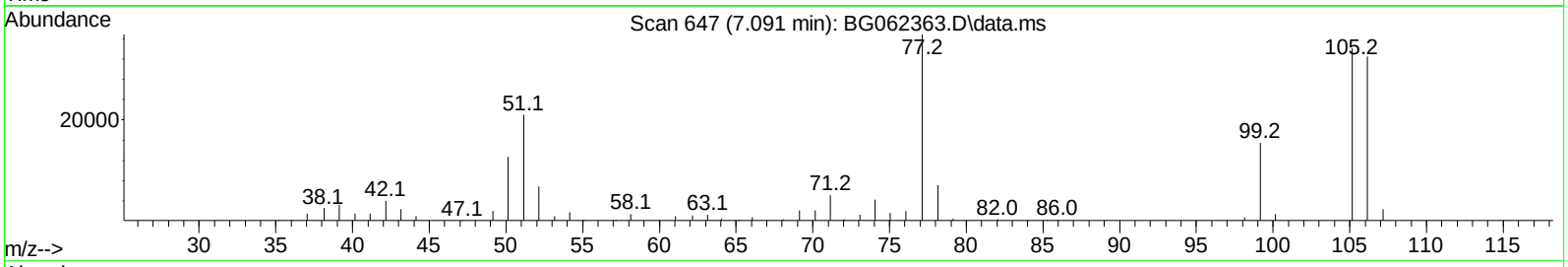

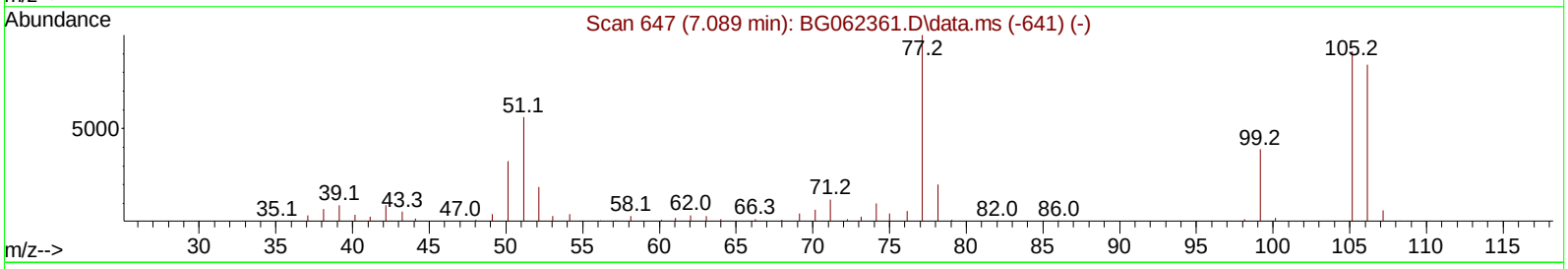

TIC: BG062363.D\data.ms

(6) Benzaldehyde

7.091min (-0.003) 29.30 ng/ul m

response 65107

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	95.00	92.70
106.00	91.40	88.12
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB162650BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 13:07:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
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Instrument :
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ClientSampleId :
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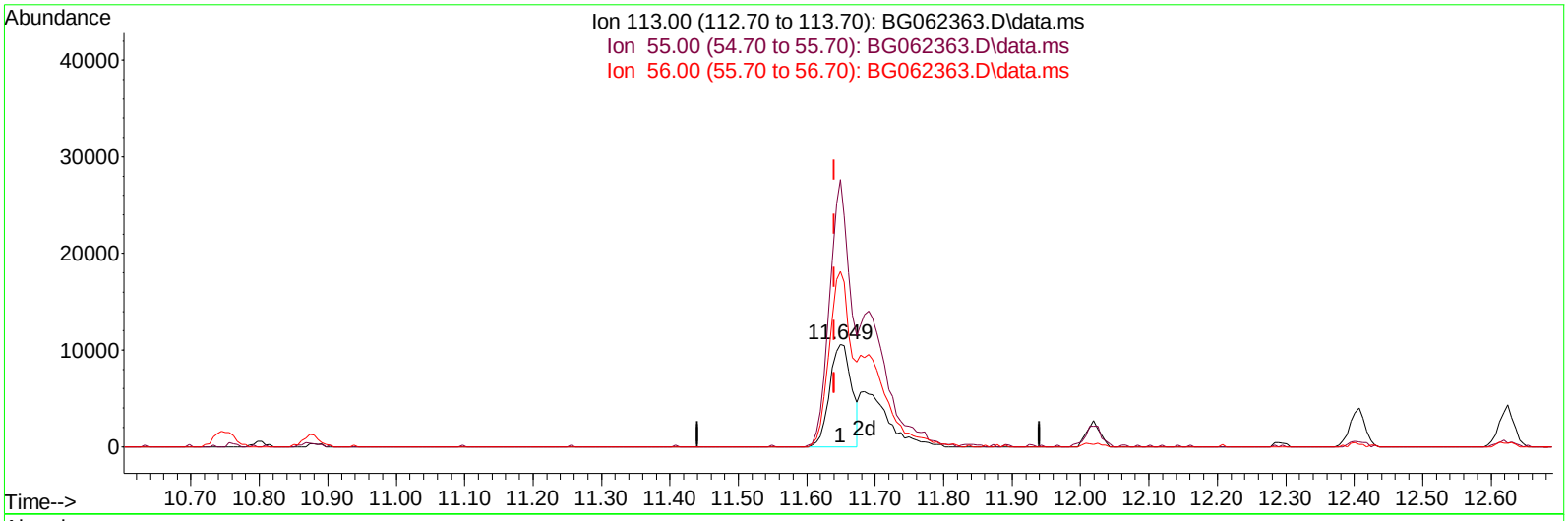

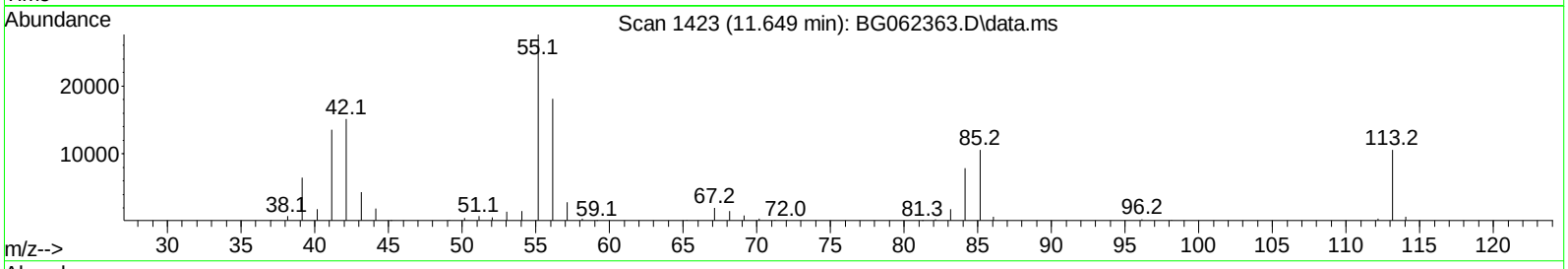

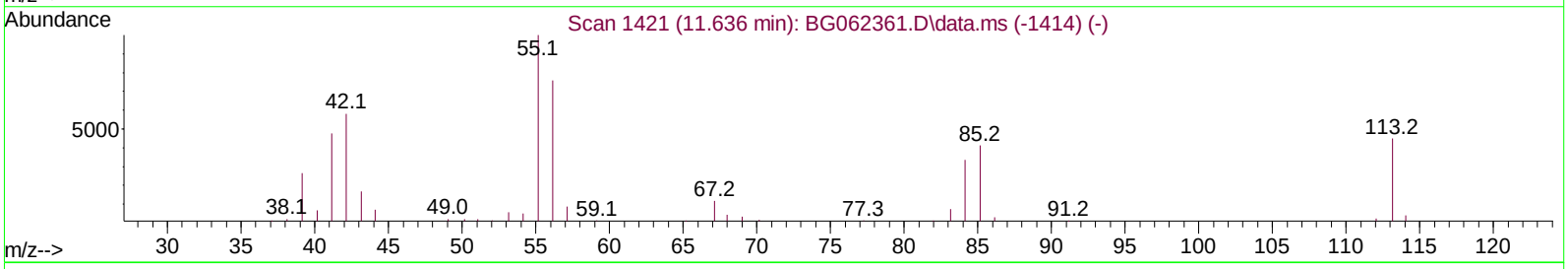

TIC: BG062363.D\data.ms

(34) Caprolactam

11.649min (+ 0.009) 18.24 ng/ul

response 23483

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	260.78
56.00	156.80	170.98
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : MA/JU
Sample : PB162650BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 13:07:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS650

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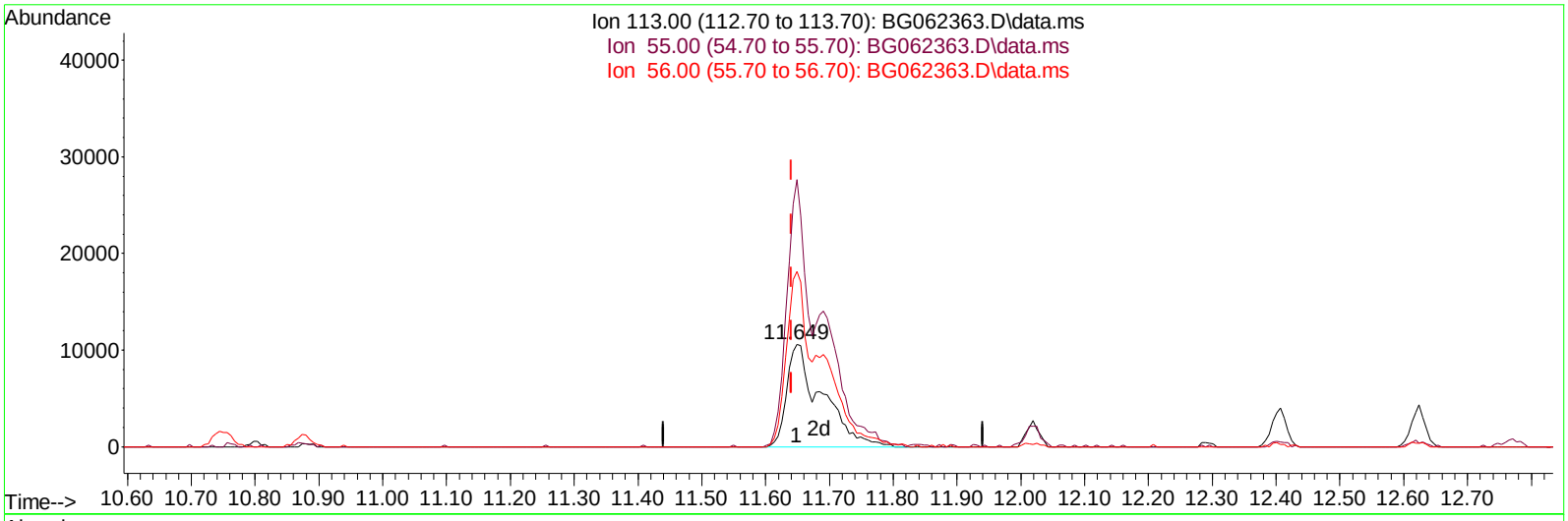

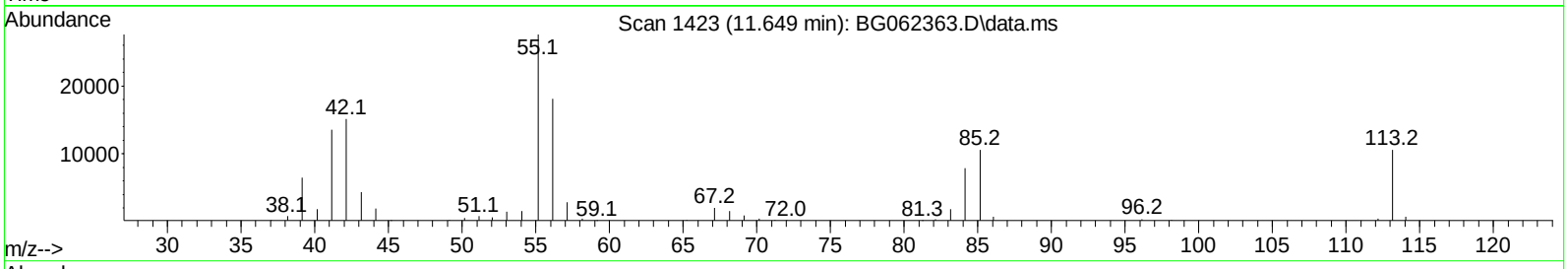

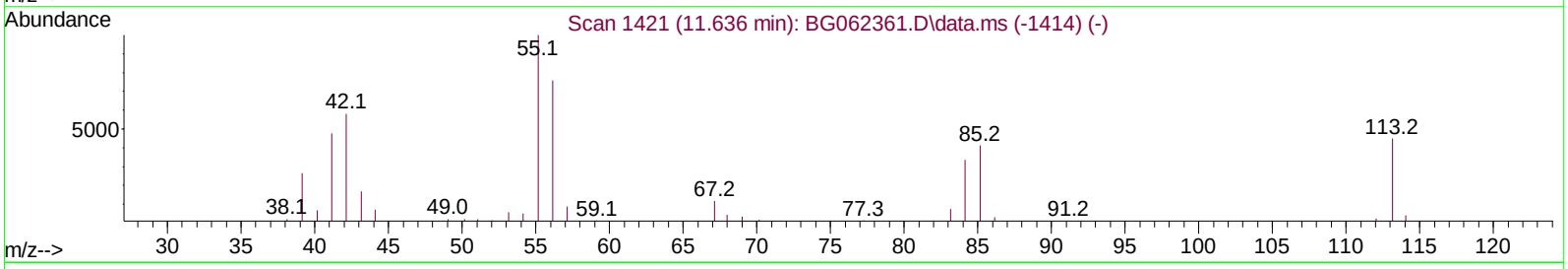

TIC: BG062363.D\data.ms

(34) Caprolactam

11.649min (+ 0.009) 31.38 ng/ul m

response 40413

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	220.20	260.78
56.00	156.80	170.98
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081224\
Data File : BG062363.D
Acq On : 12 Aug 2024 12:30
Operator : MA/JU
Sample : PB162650BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 12 23:04:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG080524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:00:03 2024
Response via : Initial Calibration

Instrument :
BNA_G
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	44046	20.000	ng/ul	0.00
20) Naphthalene-d8	10.750	136	215593	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	168643	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.318	188	402134	20.000	ng/ul	0.00
79) Chrysene-d12	21.559	240	386803	20.000	ng/ul	0.00
88) Perylene-d12	24.649	264	448623	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.419	96	6907	6.762	ng/uL	0.00
4) Pyridine-d5	3.818	84	88108	27.417	ng/ul	0.00
7) Phenol-d5	7.108	99	123183	29.301	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.284	67	74857	28.926	ng/ul	0.00
11) 2-Chlorophenol-d4	7.484	132	85734	28.464	ng/ul	0.00
15) 4-Methylphenol-d8	8.653	113	103036	29.424	ng/ul	0.00
21) Nitrobenzene-d5	9.105	128	38656	29.078	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	39182	31.332	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.368	165	106090	29.208	ng/ul	0.00
31) 4-Chloroaniline-d4	10.880	131	142263	27.005	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	374108	28.752	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	412430	27.956	ng/ul	0.00
54) 4-Nitrophenol-d4	14.757	143	59035	32.408	ng/ul	0.00
60) Fluorene-d10	15.567	176	343334	29.397	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	44594	37.444	ng/ul	0.00
73) Anthracene-d10	17.412	188	550234	28.369	ng/ul	0.00
81) Pyrene-d10	19.697	212	670732	29.174	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.438	264	677595	28.254	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.448	88	12391	10.745	ng/uL#	85
5) Pyridine	3.842	79	93478	27.985	ng/ul	97
6) Benzaldehyde	7.091	77	65107m	29.304	ng/ul	
8) Phenol	7.138	94	131400	29.621	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.372	93	94155	28.640	ng/ul	99
12) 2-Chlorophenol	7.519	128	91246	28.513	ng/ul#	89
13) 2-Methylphenol	8.389	108	99183	29.652	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.483	45	204274	30.412	ng/ul	100
16) Acetophenone	8.771	105	166471	29.852	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.759	70	88993	30.028	ng/ul	97
18) 4-Methylphenol	8.712	108	110547	29.513	ng/ul	99
19) Hexachloroethane	9.041	117	36289	30.514	ng/ul	94
22) Nitrobenzene	9.152	77	112515	29.762	ng/ul	96
23) Isophorone	9.675	82	256831	28.240	ng/ul	99
25) 2-Nitrophenol	9.857	139	45633	30.083	ng/ul	96
26) 2,4-Dimethylphenol	9.916	107	103159	23.759	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.157	93	140988	27.490	ng/ul	99
29) 2,4-Dichlorophenol	10.392	162	108627	29.508	ng/ul	99
30) Naphthalene	10.797	128	352648	28.777	ng/ul	98
32) 4-Chloroaniline	10.903	127	130161	25.279	ng/ul	94
33) Hexachlorobutadiene	11.091	225	75467	27.086	ng/ul	99
34) Caprolactam	11.649	113	40413m	31.385	ng/ul	
35) 4-Chloro-3-methylphenol	12.019	107	124380	30.109	ng/ul	98

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Instrument :
BNA_G
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SLCS650

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.407	142	245628	29.093	ng/ul	98
37) 1-Methylnaphthalene	12.624	142	250459	28.633	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.771	216	155384	28.221	ng/ul	96
40) Hexachlorocyclopentadiene	12.759	237	67548	31.568	ng/ul	99
41) 2,4,6-Trichlorophenol	13.006	196	86369	27.046	ng/ul	99
42) 2,4,5-Trichlorophenol	13.077	196	98376	28.592	ng/ul	97
43) 1,1'-Biphenyl	13.411	154	361893	28.323	ng/ul	99
44) 2-Chloronaphthalene	13.453	162	279581	28.160	ng/ul	100
45) 2-Nitroaniline	13.646	65	78264	30.951	ng/ul	96
47) Dimethylphthalate	14.034	163	384336	29.444	ng/ul	100
48) 2,6-Dinitrotoluene	14.146	165	56098	31.477	ng/ul	95
50) Acenaphthylene	14.298	152	464445	29.547	ng/ul	99
51) 3-Nitroaniline	14.469	138	65327	32.198	ng/ul	96
52) Acenaphthene	14.639	153	325827	27.841	ng/ul	99
53) 2,4-Dinitrophenol	14.674	184	27679	39.059	ng/ul#	78
55) 4-Nitrophenol	14.774	109	51522	31.620	ng/ul	96
56) Dibenzofuran	14.974	168	463999	28.700	ng/ul	99
57) 2,4-Dinitrotoluene	14.927	165	84789	34.682	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.197	232	83536	26.962	ng/ul	97
59) Diethylphthalate	15.397	149	385787	29.270	ng/ul	98
61) Fluorene	15.620	166	372522	29.467	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.620	204	189888	29.134	ng/ul	97
63) 4-Nitroaniline	15.632	138	74084	37.889	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.691	198	49982	36.424	ng/ul	96
67) N-Nitrosodiphenylamine	15.826	169	338688	28.106	ng/ul	97
68) 4-Bromophenyl-phenylether	16.513	248	132308	28.877	ng/ul	94
69) Hexachlorobenzene	16.625	284	152293	28.573	ng/ul	97
70) Atrazine	16.772	200	14351	3.109	ng/ul	96
71) Pentachlorophenol	16.965	266	65053	23.179	ng/ul	97
72) Phenanthrene	17.359	178	649089	28.678	ng/ul	99
74) Anthracene	17.447	178	658782	28.359	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.376	216	158108	26.252	ng/ul	98
76) Pentachlorobenzene	14.892	250	161221	25.588	ng/ul	98
77) Carbazole	17.711	167	568944	29.864	ng/ul	99
78) Di-n-butylphthalate	18.287	149	680041	29.999	ng/ul	100
80) Fluoranthene	19.362	202	771598	29.682	ng/ul	98
82) Pyrene	19.726	202	803880	29.038	ng/ul	99
83) Butylbenzylphthalate	20.619	149	285080	29.837	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.453	252	272398	31.286	ng/ul	98
85) Benzo(a)anthracene	21.536	228	834624	29.463	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.471	149	427310	28.978	ng/ul	98
87) Chrysene	21.600	228	793067	29.656	ng/ul	99
89) Di-n-octyl phthalate	22.646	149	744593	29.136	ng/ul	100
90) Benzo(b)fluoranthene	23.674	252	806269	29.545	ng/ul	98
91) Benzo(k)fluoranthene	23.739	252	805192	29.002	ng/ul	98
93) Benzo(a)pyrene	24.502	252	726663	28.141	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.133	276	970329	28.998	ng/ul	100
95) Dibenzo(a,h)anthracene	28.203	278	801835	29.339	ng/ul	98
96) Benzo(g,h,i)perylene	29.225	276	757805	29.823	ng/ul	97

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

Instrument :
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