Quantitation Report (Qedit)

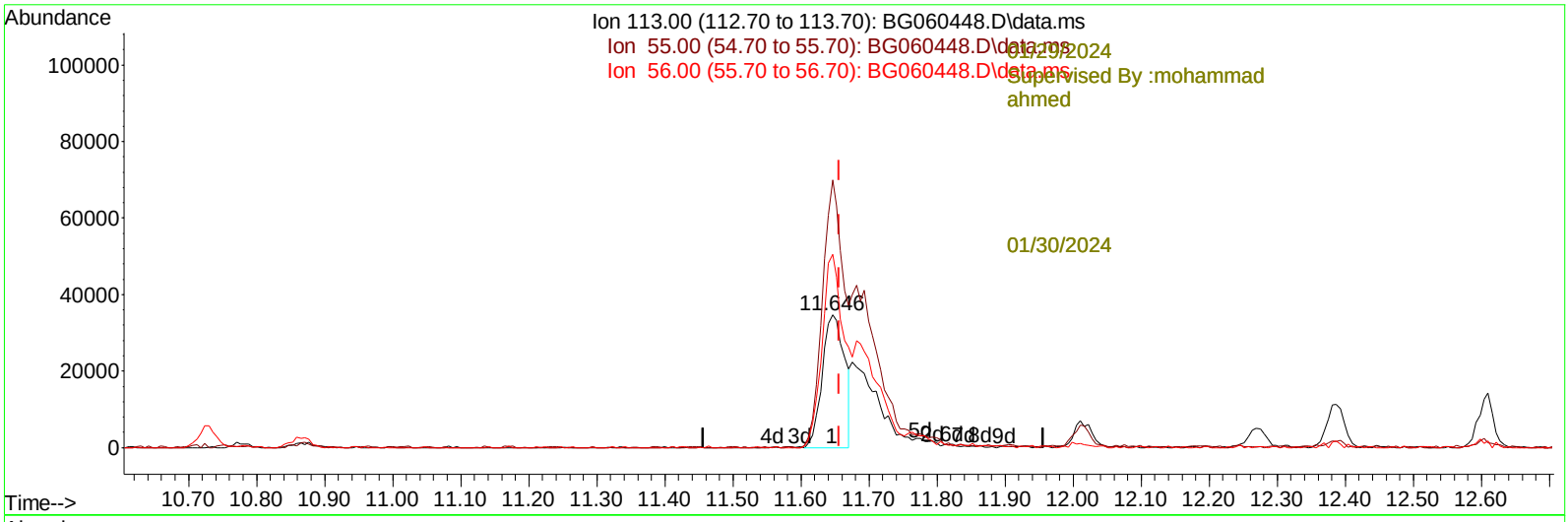
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012624\
Data File : BG060448.D
Acq On : 26 Jan 2024 19:39
Operator : MA/JU
Sample : PB158634BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

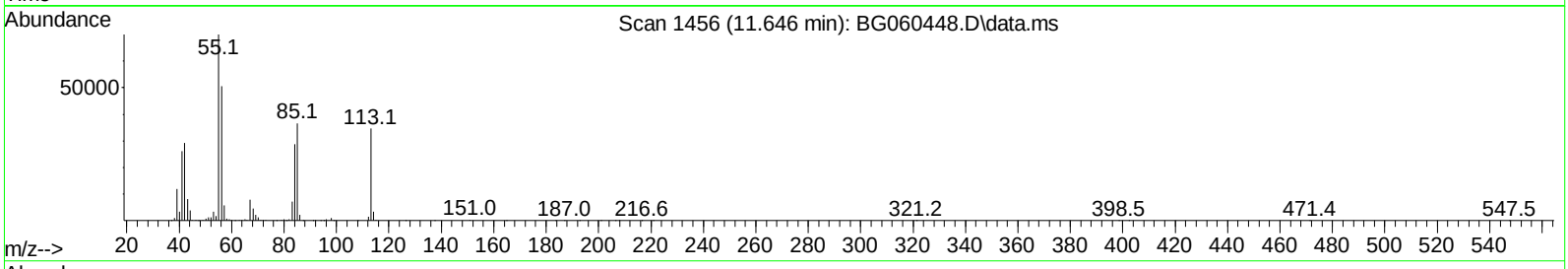
Quant Time: Jan 26 22:05:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 06:06:34 2024
Response via : Initial Calibration

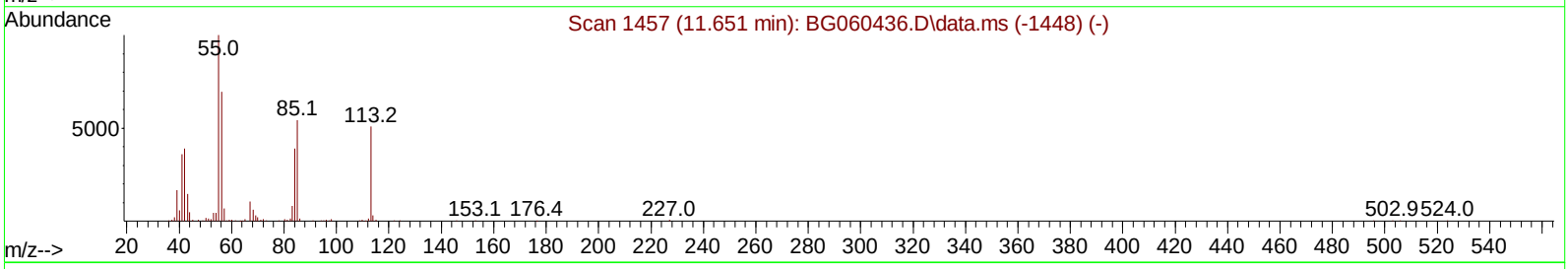
Instrument :
BNA_G
ClientSampleId :
SLCS634

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
Supervised By :mohammad ahmed 01/30/2024







TIC: BG060448.D\data.ms

(34) Caprolactam

11.646min (-0.011) 14.72 ng/ul

response 79447

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	201.80
56.00	125.70	145.89
0.00	0.00	0.00

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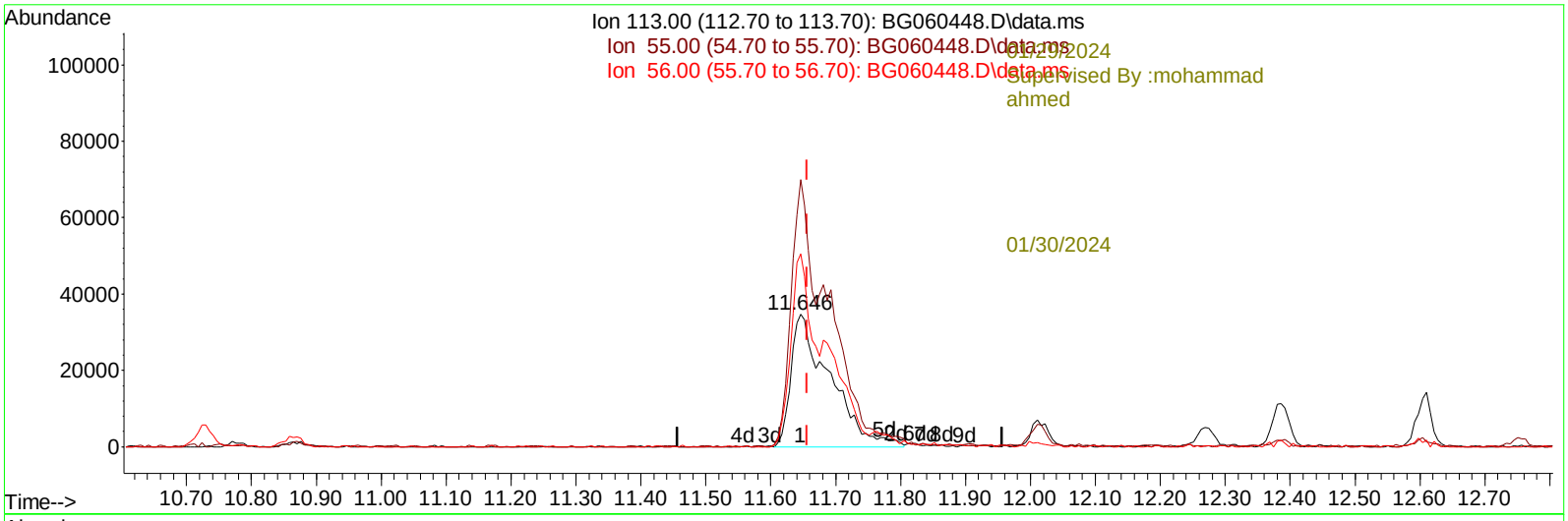

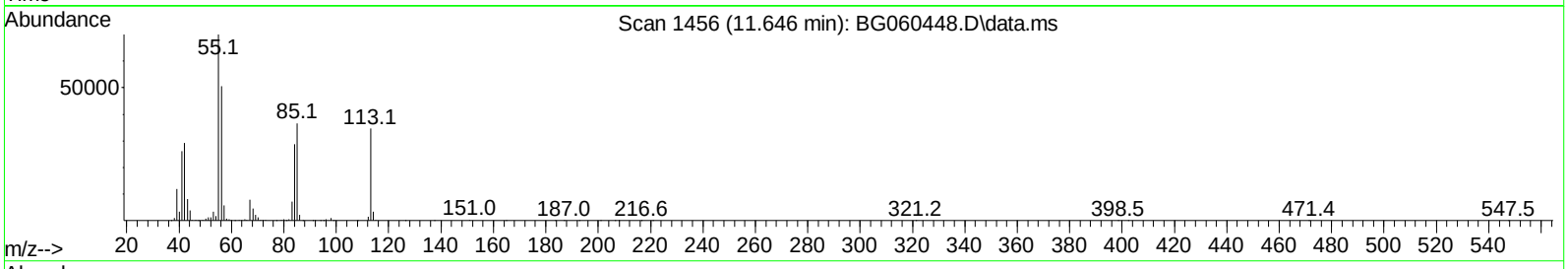

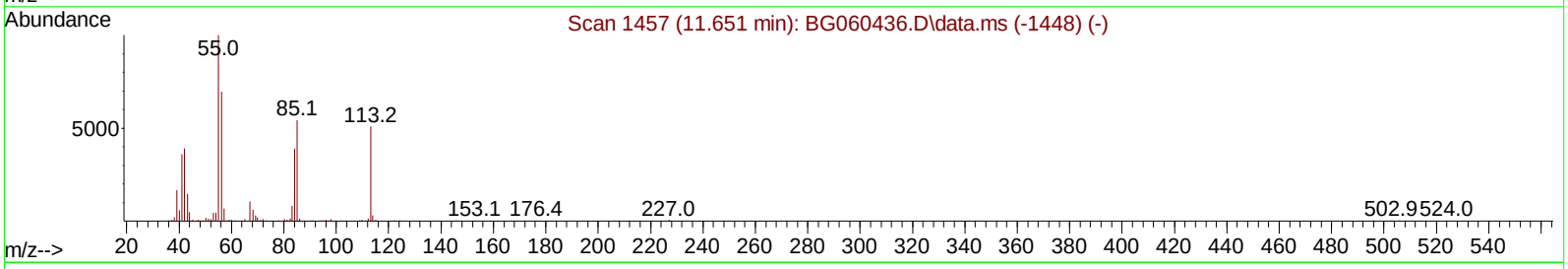

TIC: BG060448.D\data.ms

(34) Caprolactam

11.646min (-0.011) 26.86 ng/ul m

response 144970

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	201.80
56.00	125.70	145.89
0.00	0.00	0.00

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Operator : MA/JU
Sample : PB158634BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 26 22:16:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	205894	20.000	ng/ul	0.00
20) Naphthalene-d8	10.730	136	940983	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.560	164	713898	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.310	188	1670884	20.000	ng/ul	0.00
79) Chrysene-d12	21.576	240	1537361	20.000	ng/ul	0.00
88) Perylene-d12	24.737	264	1703550	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.362	96	29430	7.163	ng/uL	0.00
4) Pyridine-d5	3.773	84	437182	33.635	ng/ul	0.00
7) Phenol-d5	7.087	99	522213	26.706	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.251	67	301103	24.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	325440	24.922	ng/ul	0.00
15) 4-Methylphenol-d8	8.632	113	411885	25.572	ng/ul	0.00
21) Nitrobenzene-d5	9.090	128	182728	26.324	ng/ul	0.00
24) 2-Nitrophenol-d4	9.807	143	225483	27.804	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.348	165	483810	28.686	ng/ul	0.00
31) 4-Chloroaniline-d4	10.865	131	521293	23.561	ng/ul	0.00
46) Dimethylphthalate-d6	13.967	166	1569368	26.865	ng/ul	0.00
49) Acenaphthylene-d8	14.255	160	1791845	27.345	ng/ul	0.00
54) 4-Nitrophenol-d4	14.766	143	228315	27.288	ng/ul	0.00
60) Fluorene-d10	15.553	176	1377823	26.918	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.677	200	297013	28.707	ng/ul	0.00
73) Anthracene-d10	17.410	188	2214951	27.964	ng/ul	0.00
81) Pyrene-d10	19.701	212	2593498	28.147	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.519	264	2630225	29.433	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	63259	13.915	ng/uL#	98
5) Pyridine	3.791	79	440083	33.304	ng/ul	95
6) Benzaldehyde	7.063	77	247088	33.243	ng/ul	97
8) Phenol	7.116	94	534160	26.133	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.345	93	406908	24.994	ng/ul	99
12) 2-Chlorophenol	7.492	128	351976	26.131	ng/ul	95
13) 2-Methylphenol	8.368	108	411575	26.056	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.444	45	543548	25.298	ng/ul	97
16) Acetophenone	8.744	105	672310	26.192	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.732	70	363277	26.245	ng/ul	96
18) 4-Methylphenol	8.697	108	447350	26.339	ng/ul	97
19) Hexachloroethane	9.008	117	148885	25.000	ng/ul	91
22) Nitrobenzene	9.131	77	515609	27.154	ng/ul	96
23) Isophorone	9.648	82	1100123	26.724	ng/ul	99
25) 2-Nitrophenol	9.842	139	238116	28.883	ng/ul	95
26) 2,4-Dimethylphenol	9.895	107	433997	25.511	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.130	93	647431	27.627	ng/ul	99
29) 2,4-Dichlorophenol	10.377	162	461224	28.449	ng/ul	96
30) Naphthalene	10.777	128	1323596	26.068	ng/ul	97
32) 4-Chloroaniline	10.888	127	448275	20.651	ng/ul	97
33) Hexachlorobutadiene	11.059	225	344832	25.615	ng/ul	95
34) Caprolactam	11.646	113	144970m	26.860	ng/ul	
35) 4-Chloro-3-methylphenol	12.010	107	461791	28.411	ng/ul	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.386	142	1010065	28.298	ng/ul	98
37)	1-Methylnaphthalene	12.604	142	1024362	28.395	ng/ul	97
39)	1,2,4,5-Tetrachloroben...	12.757	216	713506	27.461	ng/ul	98
40)	Hexachlorocyclopentadiene	12.733	237	386080	24.573	ng/ul	97
41)	2,4,6-Trichlorophenol	12.992	196	450630	28.452	ng/ul	100
42)	2,4,5-Trichlorophenol	13.068	196	489596	29.254	ng/ul	97
43)	1,1'-Biphenyl	13.397	154	1455971	27.531	ng/ul	98
44)	2-Chloronaphthalene	13.438	162	1237343	27.712	ng/ul	99
45)	2-Nitroaniline	13.644	65	334087	29.728	ng/ul	94
47)	Dimethylphthalate	14.014	163	1566081	26.858	ng/ul	99
48)	2,6-Dinitrotoluene	14.137	165	328639	29.885	ng/ul	96
50)	Acenaphthylene	14.284	152	1977085	27.348	ng/ul	98
51)	3-Nitroaniline	14.472	138	269388	29.142	ng/ul#	96
52)	Acenaphthene	14.625	153	1298772	26.933	ng/ul	96
53)	2,4-Dinitrophenol	14.678	184	160262	26.701	ng/ul	95
55)	4-Nitrophenol	14.784	109	154576	27.135	ng/ul	92
56)	Dibenzofuran	14.960	168	1844767	27.098	ng/ul	97
57)	2,4-Dinitrotoluene	14.925	165	460115	28.553	ng/ul	97
58)	2,3,4,6-Tetrachlorophenol	15.189	232	417618	26.850	ng/ul#	98
59)	Diethylphthalate	15.377	149	1449812	25.859	ng/ul	99
61)	Fluorene	15.612	166	1497555	26.813	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.600	204	831259	26.964	ng/ul	98
63)	4-Nitroaniline	15.636	138	283584	31.314	ng/ul	97
66)	4,6-Dinitro-2-methylph...	15.694	198	308627	28.518	ng/ul#	98
67)	N-Nitrosodiphenylamine	15.818	169	1296633	28.611	ng/ul	97
68)	4-Bromophenyl-phenylether	16.499	248	549120	28.288	ng/ul	97
69)	Hexachlorobenzene	16.617	284	629540	27.958	ng/ul	98
70)	Atrazine	16.764	200	398258	21.376	ng/ul	99
71)	Pentachlorophenol	16.958	266	317519	25.603	ng/ul	98
72)	Phenanthrene	17.351	178	2482890	28.263	ng/ul	100
74)	Anthracene	17.445	178	2493278	27.852	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.362	216	725567	29.942	ng/uL	96
76)	Pentachlorobenzene	14.883	250	729773	28.668	ng/uL	97
77)	Carbazole	17.715	167	2138144	28.919	ng/ul	98
78)	Di-n-butylphthalate	18.268	149	2379650	27.301	ng/ul	99
80)	Fluoranthene	19.366	202	2900171	28.205	ng/ul	98
82)	Pyrene	19.731	202	3022646	28.246	ng/ul	98
83)	Butylbenzylphthalate	20.618	149	1086014	28.472	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.470	252	1032432	29.108	ng/ul	97
85)	Benzo(a)anthracene	21.552	228	3039297	28.670	ng/ul	96
86)	Bis(2-ethylhexyl)phtha...	21.458	149	1596443	28.040	ng/ul	98
87)	Chrysene	21.617	228	2873366	28.855	ng/ul	98
89)	Di-n-octyl phthalate	22.645	149	2760703	30.367	ng/ul	100
90)	Benzo(b)fluoranthene	23.732	252	3057767	28.926	ng/ul	100
91)	Benzo(k)fluoranthene	23.797	252	3104101	28.755	ng/ul	99
93)	Benzo(a)pyrene	24.590	252	2933919	28.850	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	28.338	276	3641118	29.208	ng/ul	99
95)	Dibenzo(a,h)anthracene	28.397	278	2946712	28.972	ng/ul	99
96)	Benzo(g,h,i)perylene	29.466	276	2924594	28.975	ng/ul	97

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

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