Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082124\
Data File : BG062507.D
Acq On : 21 Aug 2024 13:53
Operator : MA/JU
Sample : PB162825BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 21 15:11:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 20 23:01:24 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS825

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 08/22/2024

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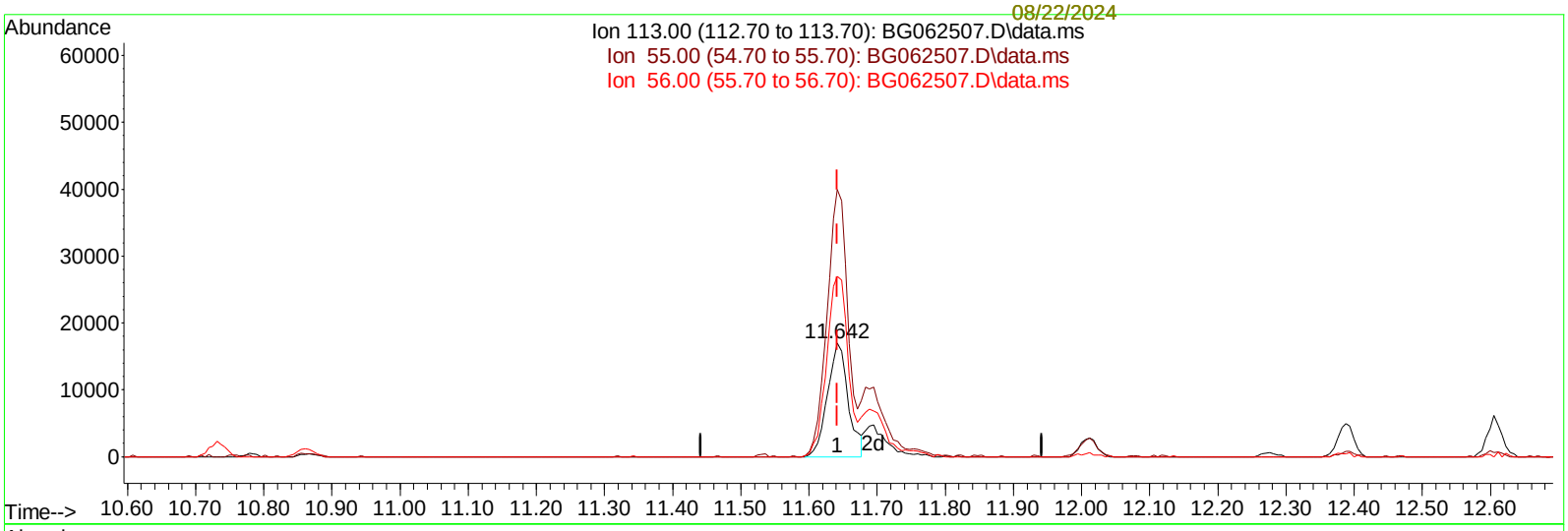
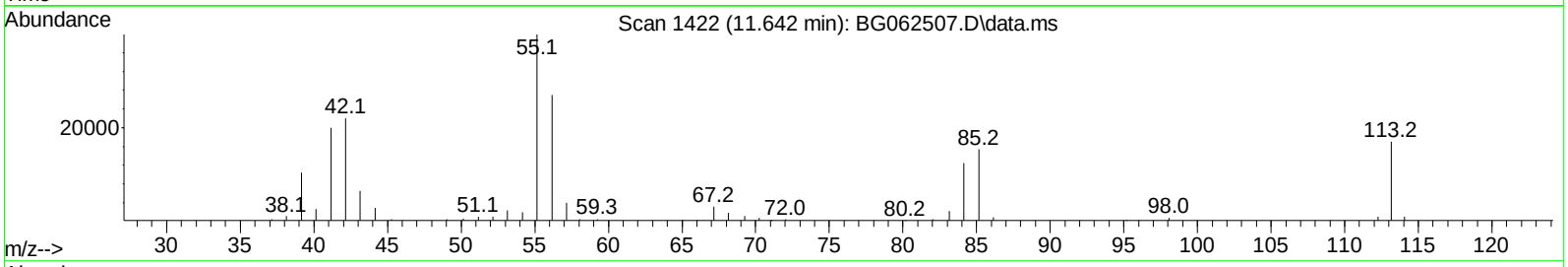
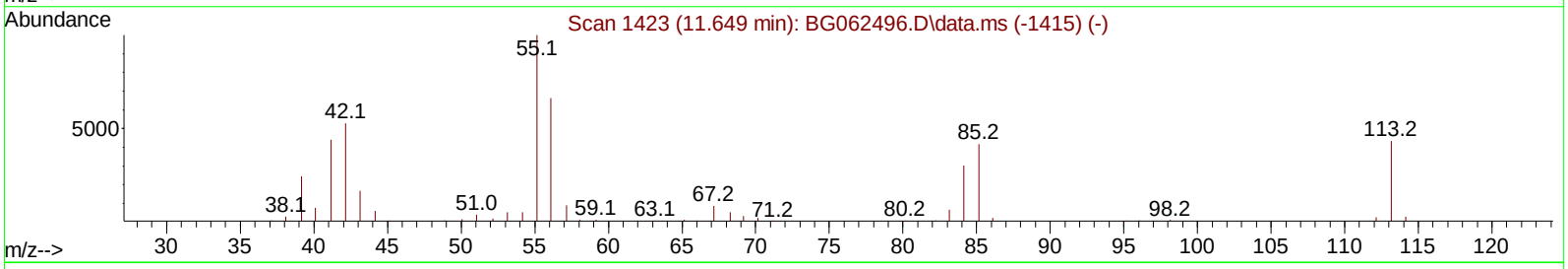
08/22/2024







TIC: BG062507.D\data.ms

(34) Caprolactam

11.642min (-0.000) 19.69 ng/ul

response 36173

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	235.27
56.00	178.20	159.08
0.00	0.00	0.00

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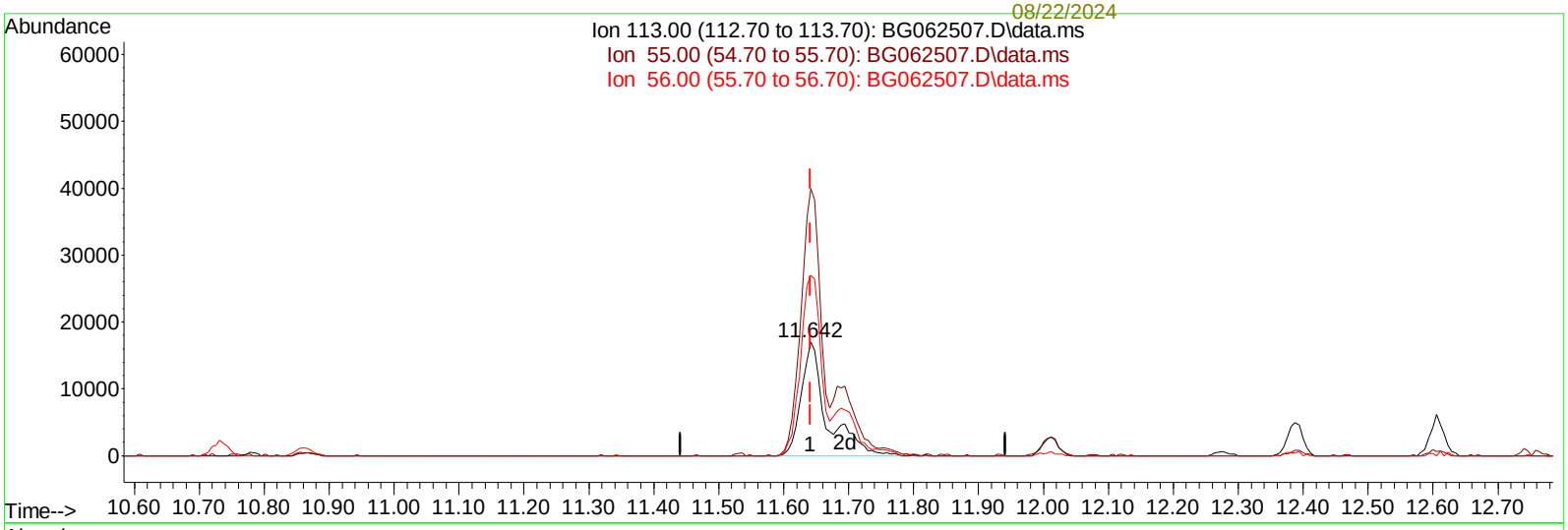

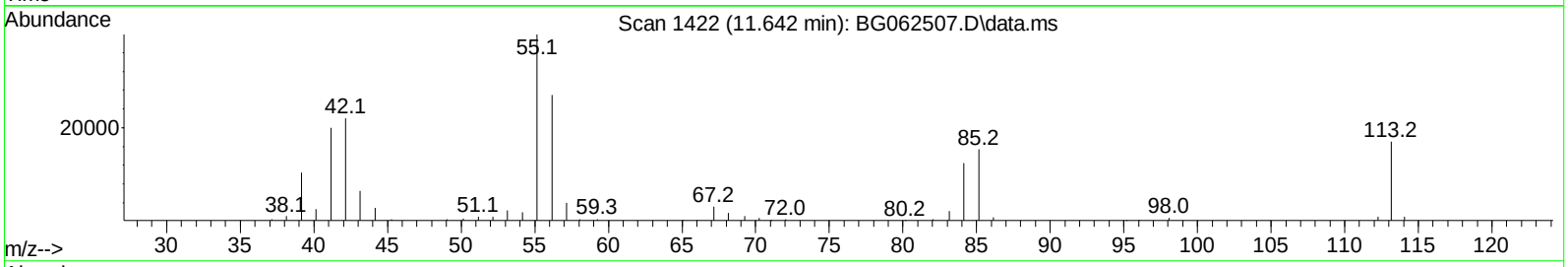

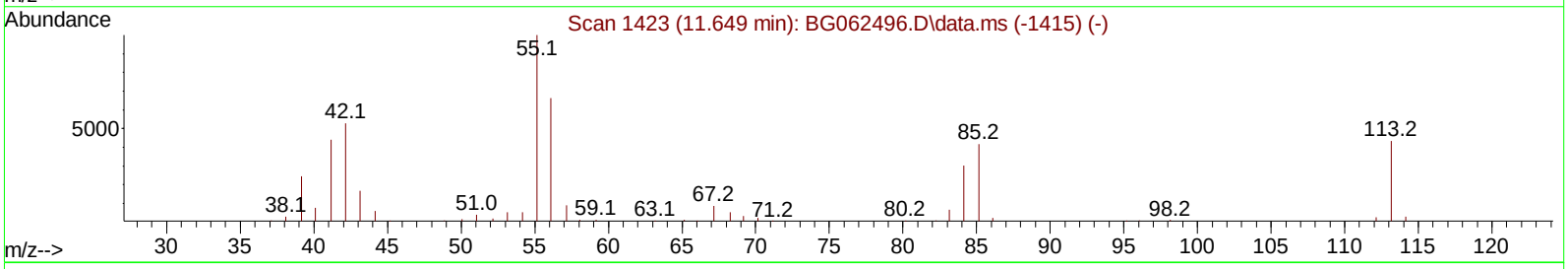

TIC: BG062507.D\data.ms

(34) Caprolactam

11.642min (-0.000) 25.35 ng/ul m

response 46577

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	249.80	235.27
56.00	178.20	159.08
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	59693	20.000	ng/ul	0.00
20) Naphthalene-d8	10.731	136	273042	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.561	164	201599	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.299	188	434548	20.000	ng/ul	0.00
79) Chrysene-d12	21.540	240	416214	20.000	ng/ul	0.00
88) Perylene-d12	24.618	264	449811	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	9237	5.875	ng/uL	0.00
4) Pyridine-d5	3.811	84	121626	25.387	ng/ul	0.00
7) Phenol-d5	7.101	99	181482	30.561	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.271	67	105444	28.189	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	126696	31.233	ng/ul	0.00
15) 4-Methylphenol-d8	8.646	113	145748	29.280	ng/ul	0.00
21) Nitrobenzene-d5	9.092	128	64987	37.114	ng/ul	0.00
24) 2-Nitrophenol-d4	9.815	143	74165	42.578	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.355	165	146044	32.918	ng/ul	0.00
31) 4-Chloroaniline-d4	10.860	131	170816	24.278	ng/ul	0.00
46) Dimethylphthalate-d6	13.968	166	451258	28.776	ng/ul	0.00
49) Acenaphthylene-d8	14.256	160	521440	30.032	ng/ul	0.00
54) 4-Nitrophenol-d4	14.749	143	75940	30.357	ng/ul	0.00
60) Fluorene-d10	15.554	176	414375	29.298	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.666	200	77292	39.147	ng/ul	0.00
73) Anthracene-d10	17.399	188	625867	29.981	ng/ul	0.00
81) Pyrene-d10	19.684	212	757318	31.069	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.407	264	745202	31.217	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	17686	10.538	ng/uL	90
5) Pyridine	3.829	79	128666	25.524	ng/ul	93
6) Benzaldehyde	7.077	77	79015	25.667	ng/ul	97
8) Phenol	7.130	94	188846	30.307	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.359	93	129261	28.035	ng/ul	98
12) 2-Chlorophenol	7.506	128	134305	32.008	ng/ul	98
13) 2-Methylphenol	8.376	108	138726	29.586	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.464	45	267562	28.114	ng/ul	98
16) Acetophenone	8.757	105	214948	26.361	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.746	70	114667	26.649	ng/ul	95
18) 4-Methylphenol	8.704	108	153686	28.615	ng/ul	99
19) Hexachloroethane	9.022	117	50345	30.155	ng/ul	93
22) Nitrobenzene	9.133	77	167611	33.888	ng/ul	97
23) Isophorone	9.656	82	324955	27.820	ng/ul	99
25) 2-Nitrophenol	9.844	139	79390	40.797	ng/ul	95
26) 2,4-Dimethylphenol	9.903	107	136275	25.679	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.138	93	186318	28.677	ng/ul	98
29) 2,4-Dichlorophenol	10.379	162	144149	31.640	ng/ul	98
30) Naphthalene	10.784	128	460105	29.055	ng/ul	100
32) 4-Chloroaniline	10.884	127	153970	22.510	ng/ul	99
33) Hexachlorobutadiene	11.072	225	102636	29.636	ng/ul	98
34) Caprolactam	11.642	113	46577m	25.347	ng/ul	
35) 4-Chloro-3-methylphenol	12.012	107	159575	29.933	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.388	142	323961	28.968	ng/ul	97
37) 1-Methylnaphthalene	12.605	142	325676	28.542	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.758	216	202231	30.040	ng/ul	99
40) Hexachlorocyclopentadiene	12.740	237	56729	16.440	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	115818	29.907	ng/ul	97
42) 2,4,5-Trichlorophenol	13.063	196	127972	31.475	ng/ul	98
43) 1,1'-Biphenyl	13.398	154	460044	30.121	ng/ul	98
44) 2-Chloronaphthalene	13.439	162	366292	30.993	ng/ul	100
45) 2-Nitroaniline	13.633	65	115663	37.785	ng/ul	97
47) Dimethylphthalate	14.015	163	459092	28.877	ng/ul	100
48) 2,6-Dinitrotoluene	14.132	165	89472	39.404	ng/ul#	85
50) Acenaphthylene	14.285	152	570236	30.675	ng/ul	99
51) 3-Nitroaniline	14.456	138	89678	34.663	ng/ul	95
52) Acenaphthene	14.626	153	399419	28.709	ng/ul	98
53) 2,4-Dinitrophenol	14.661	184	48762	34.046	ng/ul	89
55) 4-Nitrophenol	14.767	109	62195	28.965	ng/ul	97
56) Dibenzofuran	14.961	168	565185	28.879	ng/ul	98
57) 2,4-Dinitrotoluene	14.914	165	131915	38.165	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.184	232	101206	25.889	ng/ul	99
59) Diethylphthalate	15.384	149	443456	27.950	ng/ul	98
61) Fluorene	15.607	166	436090	28.270	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.601	204	226373	28.558	ng/ul	98
63) 4-Nitroaniline	15.619	138	90543	33.483	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.677	198	81620	36.689	ng/ul#	96
67) N-Nitrosodiphenylamine	15.813	169	391985	31.117	ng/ul	99
68) 4-Bromophenyl-phenylether	16.494	248	156411	32.073	ng/ul	96
69) Hexachlorobenzene	16.611	284	177708	31.277	ng/ul	97
70) Atrazine	16.752	200	8092	1.541	ng/ul	93
71) Pentachlorophenol	16.952	266	79103	23.857	ng/ul	98
72) Phenanthrene	17.346	178	739242	30.275	ng/ul	100
74) Anthracene	17.434	178	738183	29.512	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.363	216	206844	33.298	ng/ul	97
76) Pentachlorobenzene	14.878	250	201064	30.856	ng/ul	97
77) Carbazole	17.698	167	616513	29.342	ng/ul	100
78) Di-n-butylphthalate	18.268	149	762124	30.321	ng/ul	99
80) Fluoranthene	19.349	202	844915	31.027	ng/ul	99
82) Pyrene	19.713	202	895508	30.511	ng/ul	99
83) Butylbenzylphthalate	20.606	149	327336	33.109	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.440	252	297092	32.704	ng/ul	96
85) Benzo(a)anthracene	21.522	228	927251	30.693	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.446	149	477078	33.028	ng/ul	100
87) Chrysene	21.587	228	881372	30.774	ng/ul	98
89) Di-n-octyl phthalate	22.609	149	823840	34.342	ng/ul	100
90) Benzo(b)fluoranthene	23.643	252	860863	31.681	ng/ul	99
91) Benzo(k)fluoranthene	23.708	252	862482	31.446	ng/ul	98
93) Benzo(a)pyrene	24.477	252	783868	30.600	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.102	276	1043535	32.050	ng/ul	97
95) Dibenzo(a,h)anthracene	28.155	278	859408	32.564	ng/ul	99
96) Benzo(g,h,i)perylene	29.177	276	807120	32.233	ng/ul	99

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

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