Quantitation Report (Qedit)

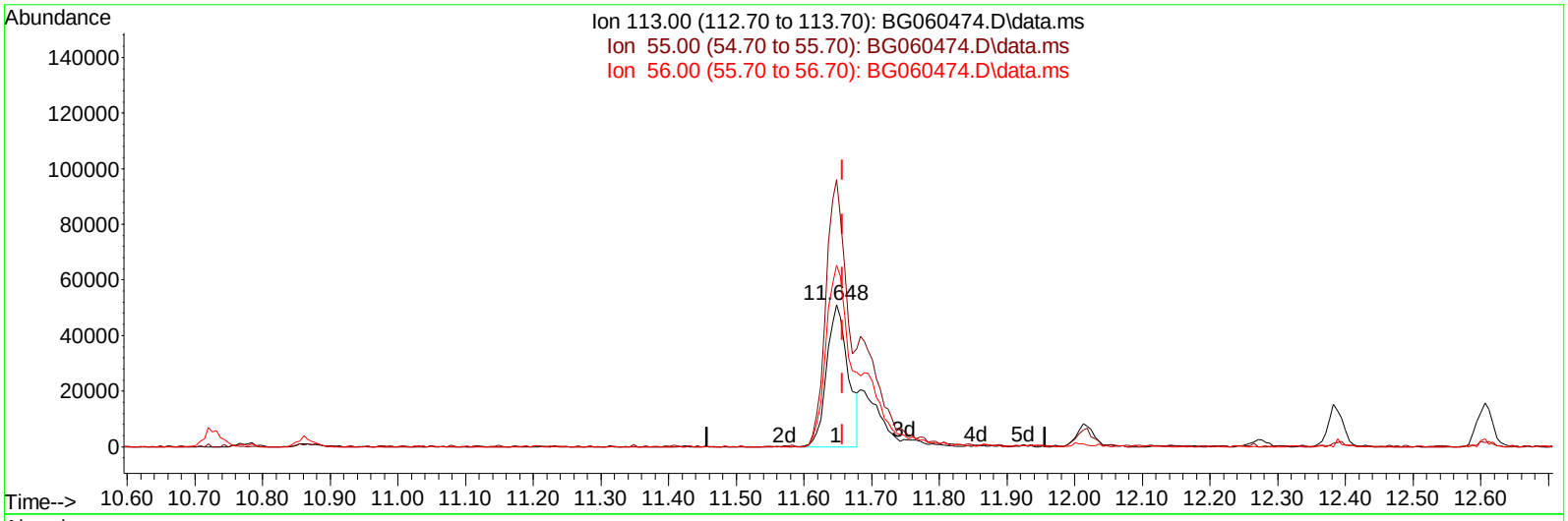
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012924\
Data File : BG060474.D
Acq On : 29 Jan 2024 23:02
Operator : MA/JU
Sample : PB158661BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

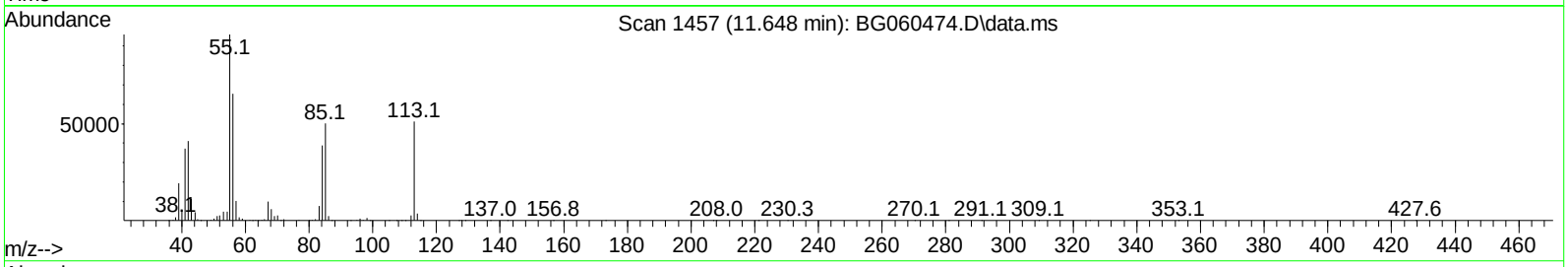
Quant Time: Jan 30 01:50:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG012624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 06:06:34 2024
Response via : Initial Calibration

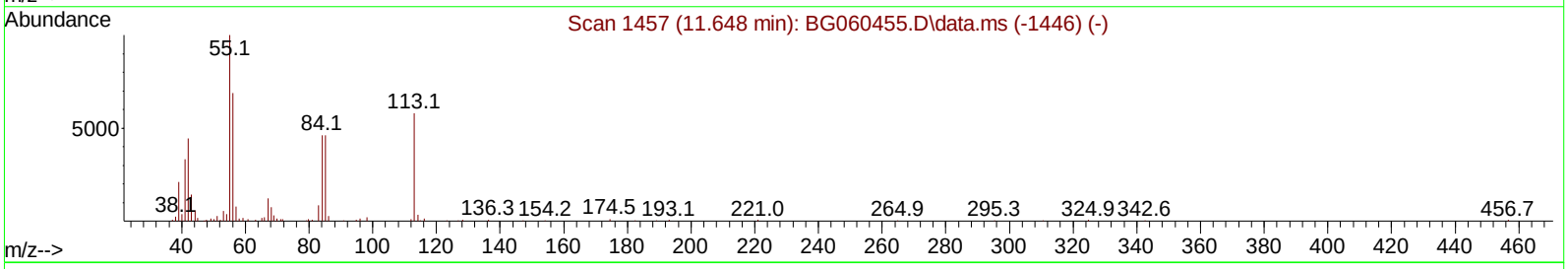
Instrument :
BNA_G
ClientSampleId :
SLCS661

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/30/2024
Supervised By :mohammad ahmed 01/31/2024







TIC: BG060474.D\data.ms

(34) Caprolactam

11.648min (-0.009) 20.26 ng/ul

response 111866

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	188.03
56.00	125.70	127.96
0.00	0.00	0.00

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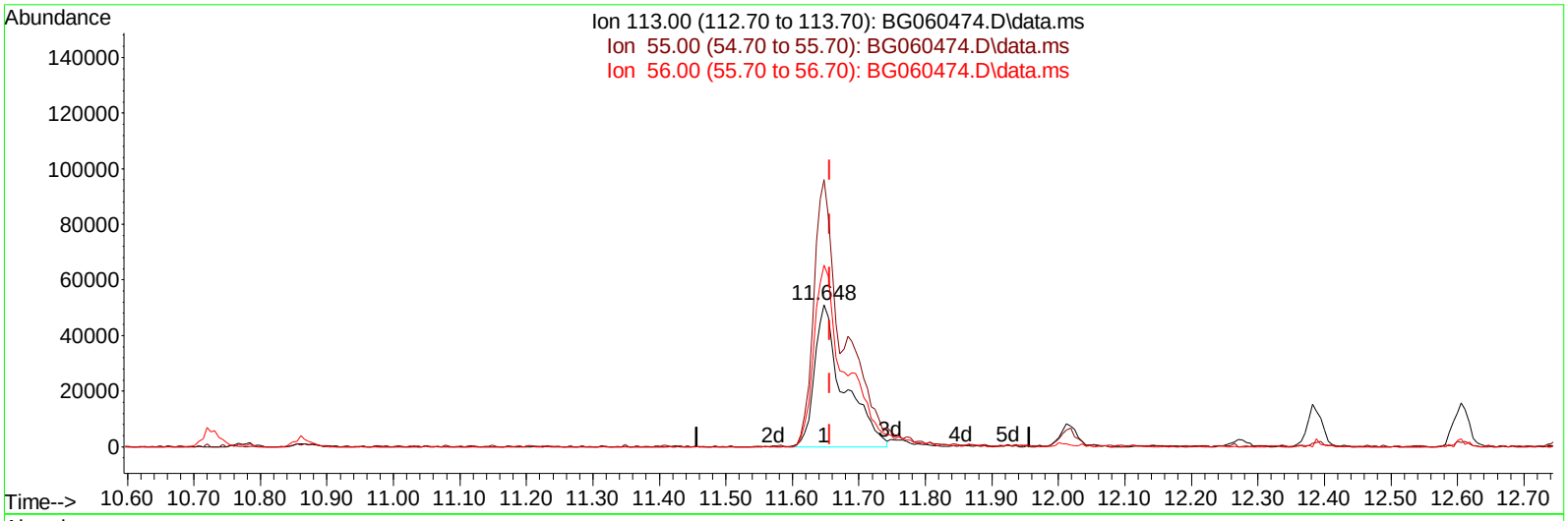

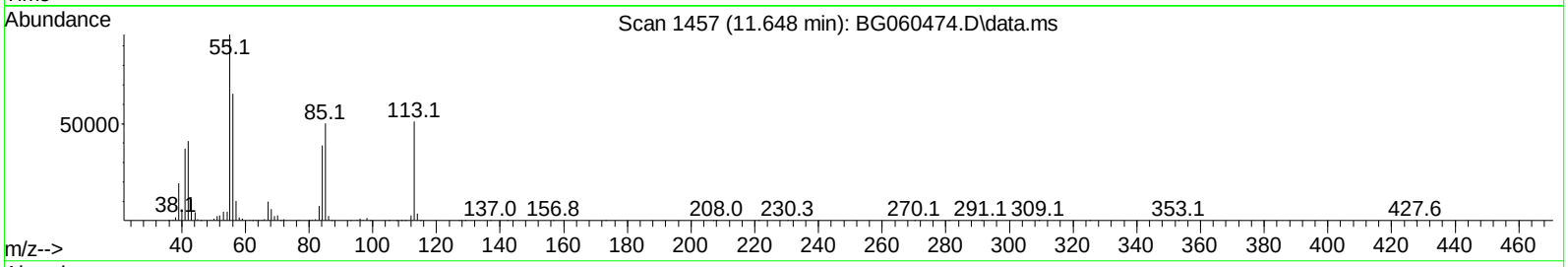

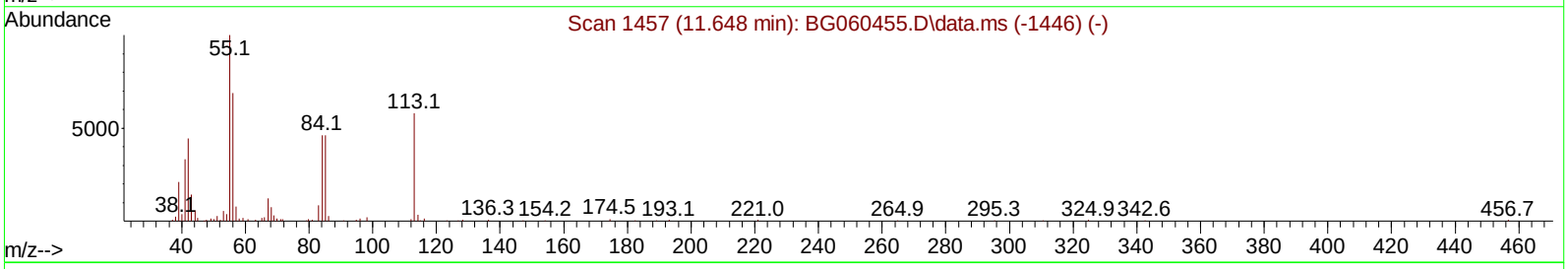

TIC: BG060474.D\data.ms

(34) Caprolactam

11.648min (-0.009) 28.20 ng/ul m

response 155665

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	192.80	188.03
56.00	125.70	127.96
0.00	0.00	0.00

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Data File : BG060474.D
Acq On : 29 Jan 2024 23:02
Operator : MA/JU
Sample : PB158661BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 30 02:30:32 2024
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Quant Title : SVOA CALIBRATION
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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	206149	20.000	ng/ul	0.00
20) Naphthalene-d8	10.726	136	962480	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.562	164	659814	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.312	188	1645974	20.000	ng/ul	0.00
79) Chrysene-d12	21.578	240	1589085	20.000	ng/ul	0.00
88) Perylene-d12	24.739	264	1733211	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	26279	6.388	ng/uL	0.00
4) Pyridine-d5	3.769	84	383532	29.471	ng/ul	0.00
7) Phenol-d5	7.089	99	530281	27.085	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.253	67	313709	25.498	ng/ul	0.00
11) 2-Chlorophenol-d4	7.459	132	347843	26.605	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	408729	25.344	ng/ul	0.00
21) Nitrobenzene-d5	9.086	128	197725	27.848	ng/ul	0.00
24) 2-Nitrophenol-d4	9.809	143	245842	29.637	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.350	165	504287	29.232	ng/ul	0.00
31) 4-Chloroaniline-d4	10.867	131	569206	25.152	ng/ul	0.00
46) Dimethylphthalate-d6	13.969	166	1433311	26.547	ng/ul	0.00
49) Acenaphthylene-d8	14.257	160	1647519	27.204	ng/ul	0.00
54) 4-Nitrophenol-d4	14.768	143	219487	28.383	ng/ul	0.00
60) Fluorene-d10	15.555	176	1319114	27.883	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.679	200	285002	27.963	ng/ul	0.00
73) Anthracene-d10	17.412	188	2120270	27.174	ng/ul	0.00
81) Pyrene-d10	19.703	212	2629179	27.605	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264	2633879	28.969	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	54337	11.938	ng/uL	95
5) Pyridine	3.792	79	390716	29.531	ng/ul	94
6) Benzaldehyde	7.065	77	263062	35.348	ng/ul	97
8) Phenol	7.118	94	563068	27.513	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.341	93	430940	26.437	ng/ul	99
12) 2-Chlorophenol	7.488	128	380697	28.228	ng/ul	93
13) 2-Methylphenol	8.369	108	419908	26.551	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.452	45	574732	26.717	ng/ul	96
16) Acetophenone	8.745	105	695493	27.061	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.728	70	375147	27.069	ng/ul	97
18) 4-Methylphenol	8.698	108	467543	27.494	ng/ul	100
19) Hexachloroethane	9.004	117	175466	29.427	ng/ul	95
22) Nitrobenzene	9.127	77	574512	29.581	ng/ul	97
23) Isophorone	9.644	82	1164643	27.659	ng/ul	98
25) 2-Nitrophenol	9.838	139	256366	30.402	ng/ul	99
26) 2,4-Dimethylphenol	9.897	107	428258	24.612	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.132	93	702130	29.292	ng/ul	99
29) 2,4-Dichlorophenol	10.379	162	512564	30.910	ng/ul	96
30) Naphthalene	10.778	128	1463737	28.185	ng/ul	98
32) 4-Chloroaniline	10.890	127	499844	22.512	ng/ul	98
33) Hexachlorobutadiene	11.060	225	390235	28.341	ng/ul	97
34) Caprolactam	11.648	113	155665m	28.198	ng/ul	
35) 4-Chloro-3-methylphenol	12.012	107	499488	30.044	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.382	142	1048264	28.713	ng/ul	99
37) 1-Methylnaphthalene	12.606	142	1046537	28.362	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.753	216	746091	31.069	ng/ul	98
40) Hexachlorocyclopentadiene	12.729	237	358161	24.665	ng/ul	99
41) 2,4,6-Trichlorophenol	12.993	196	465702	31.814	ng/ul	97
42) 2,4,5-Trichlorophenol	13.070	196	498773	32.245	ng/ul	98
43) 1,1'-Biphenyl	13.393	154	1419469	29.041	ng/ul	96
44) 2-Chloronaphthalene	13.440	162	1190722	28.854	ng/ul	96
45) 2-Nitroaniline	13.646	65	333446	32.103	ng/ul	96
47) Dimethylphthalate	14.016	163	1506996	27.963	ng/ul	99
48) 2,6-Dinitrotoluene	14.139	165	317169	31.206	ng/ul	97
50) Acenaphthylene	14.286	152	1898430	28.413	ng/ul	98
51) 3-Nitroaniline	14.468	138	274936	32.180	ng/ul	98
52) Acenaphthene	14.627	153	1253621	28.128	ng/ul	99
53) 2,4-Dinitrophenol	14.674	184	145846	26.291	ng/ul	100
55) 4-Nitrophenol	14.785	109	154458	29.337	ng/ul	90
56) Dibenzofuran	14.962	168	1784370	28.359	ng/ul	98
57) 2,4-Dinitrotoluene	14.926	165	464258	31.171	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.191	232	420790	29.271	ng/ul	97
59) Diethylphthalate	15.379	149	1442937	27.846	ng/ul	99
61) Fluorene	15.614	166	1474458	28.563	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.602	204	831381	29.178	ng/ul	97
63) 4-Nitroaniline	15.637	138	296164	35.384	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.690	198	299422	28.086	ng/ul	97
67) N-Nitrosodiphenylamine	15.820	169	1283783	28.756	ng/ul	98
68) 4-Bromophenyl-phenylether	16.495	248	555872	29.070	ng/ul	96
69) Hexachlorobenzene	16.613	284	645419	29.097	ng/ul	98
70) Atrazine	16.766	200	415482	22.638	ng/ul	97
71) Pentachlorophenol	16.959	266	320109	26.203	ng/ul	97
72) Phenanthrene	17.353	178	2509086	28.993	ng/ul	99
74) Anthracene	17.447	178	2518334	28.557	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.358	216	766178	32.096	ng/uL	98
76) Pentachlorobenzene	14.879	250	706736	28.183	ng/uL	96
77) Carbazole	17.717	167	2215643	30.421	ng/ul	99
78) Di-n-butylphthalate	18.270	149	2488266	28.979	ng/ul	98
80) Fluoranthene	19.368	202	2994662	28.176	ng/ul	97
82) Pyrene	19.733	202	3150655	28.484	ng/ul	99
83) Butylbenzylphthalate	20.620	149	1136805	28.834	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.472	252	1120723	30.569	ng/ul	97
85) Benzo(a)anthracene	21.554	228	3182938	29.048	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.460	149	1658275	28.178	ng/ul	99
87) Chrysene	21.625	228	3036650	29.502	ng/ul	98
89) Di-n-octyl phthalate	22.647	149	2845318	30.762	ng/ul	100
90) Benzo(b)fluoranthene	23.734	252	3224023	29.976	ng/ul	98
91) Benzo(k)fluoranthene	23.798	252	3295942	30.009	ng/ul	99
93) Benzo(a)pyrene	24.592	252	3075541	29.725	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.340	276	3757235	29.624	ng/ul	99
95) Dibenzo(a,h)anthracene	28.405	278	3034974	29.329	ng/ul	99
96) Benzo(g,h,i)perylene	29.468	276	3059564	29.793	ng/ul	97

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

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