Quantitation Report (Qedit)

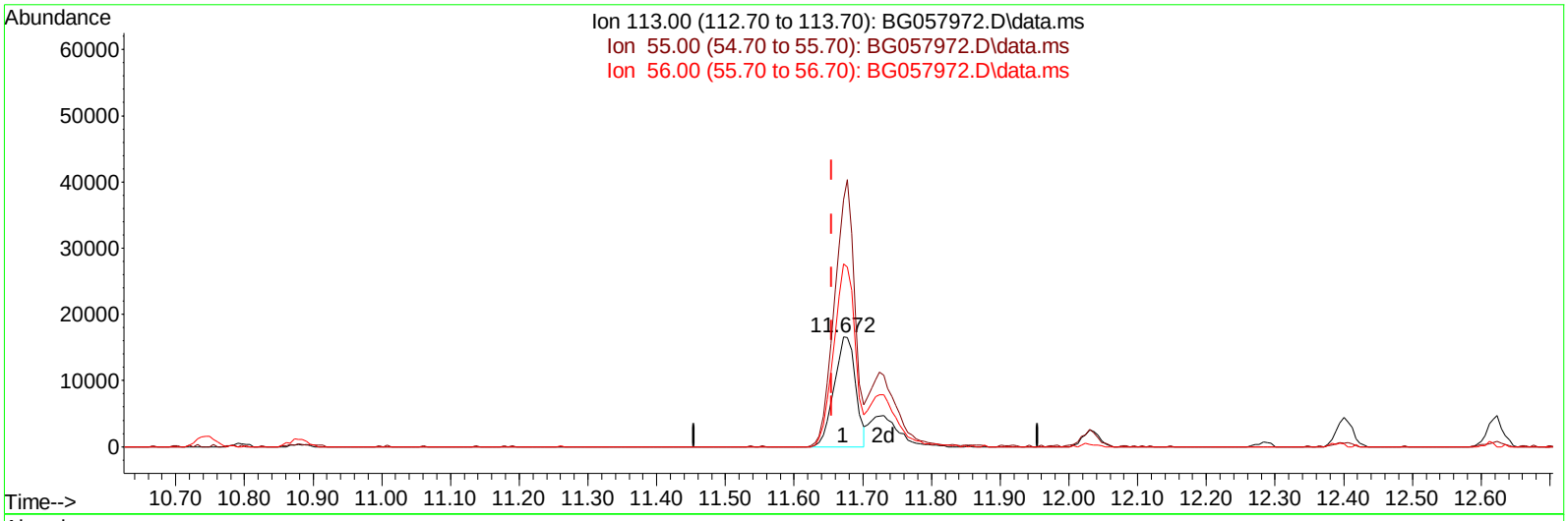
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057972.D
Acq On : 4 Jul 2023 2:51
Operator : CG/JU
Sample : PB153780BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

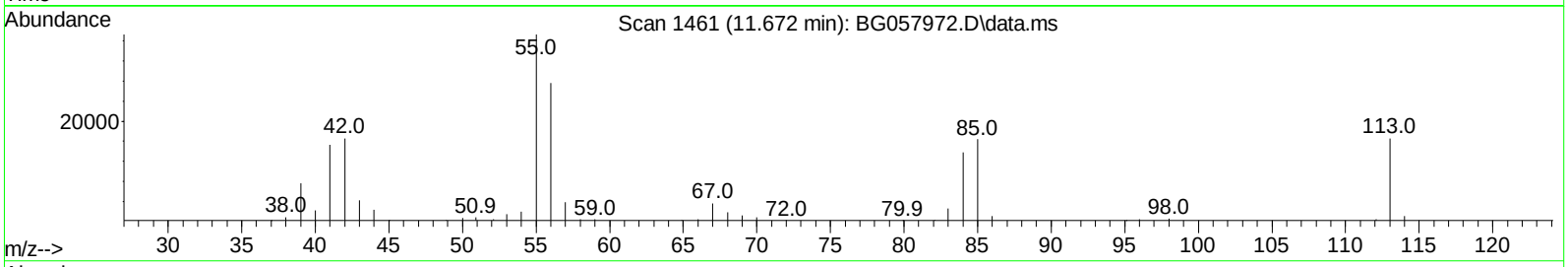
Quant Time: Jul 04 04:46:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 02 07:50:15 2023
Response via : Initial Calibration

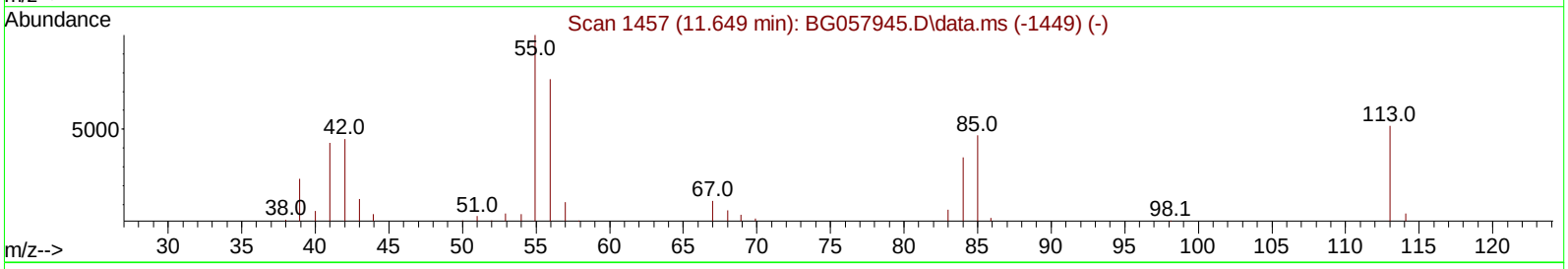
Instrument :
BNA_G
ClientSampleId :
SLCS780

Manual IntegrationsAPPROVED

Reviewed By :Sohil Jodhani 07/04/2023
Supervised By :mohammad ahmed 07/04/2023







TIC: BG057972.D\data.ms

(34) Caprolactam

11.672min (+ 0.017) 24.64 ng/ul

response 35790

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	224.51
56.00	153.80	165.96
0.00	0.00	0.00

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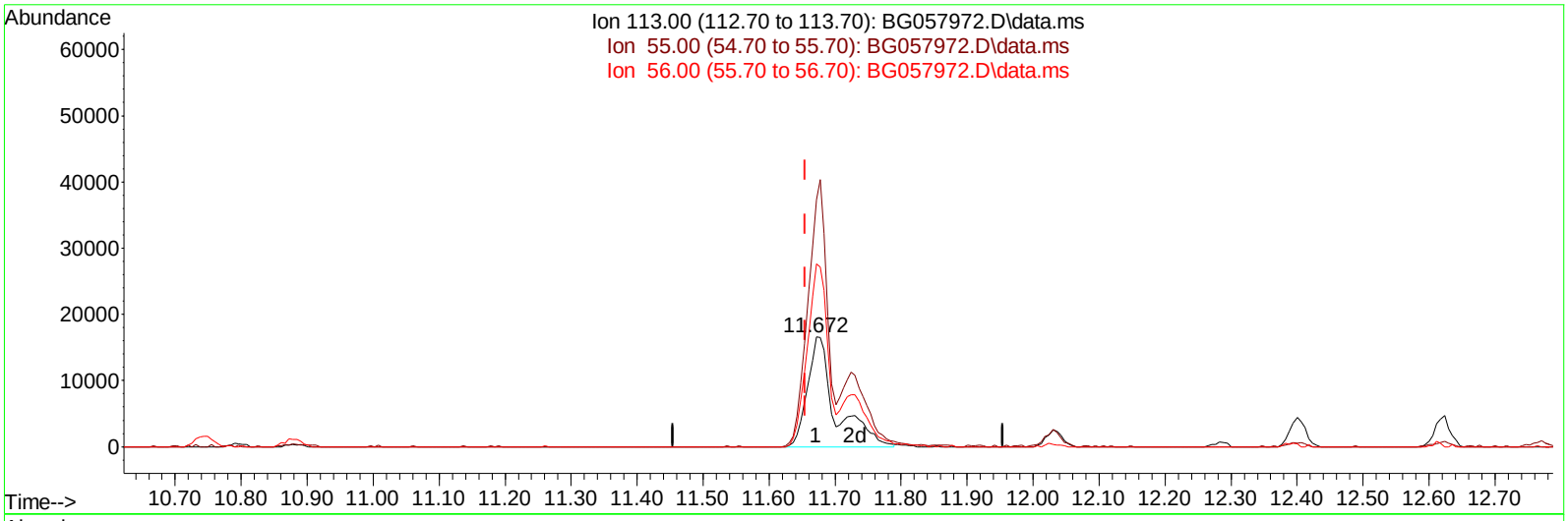

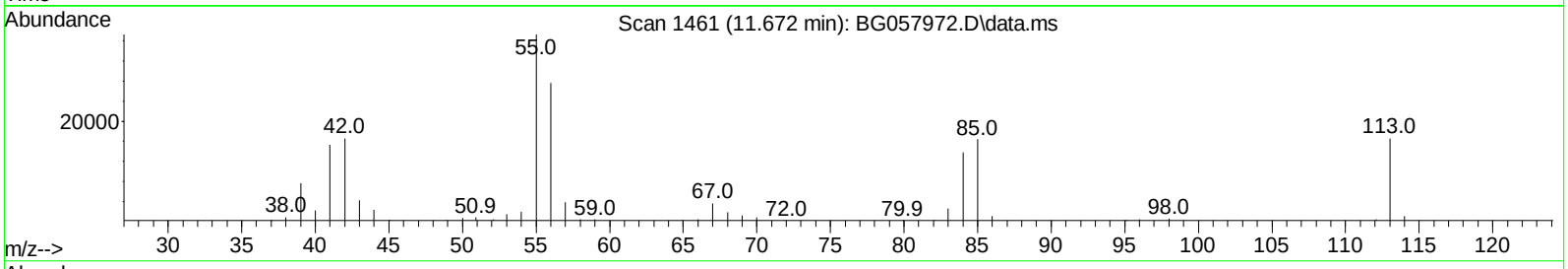

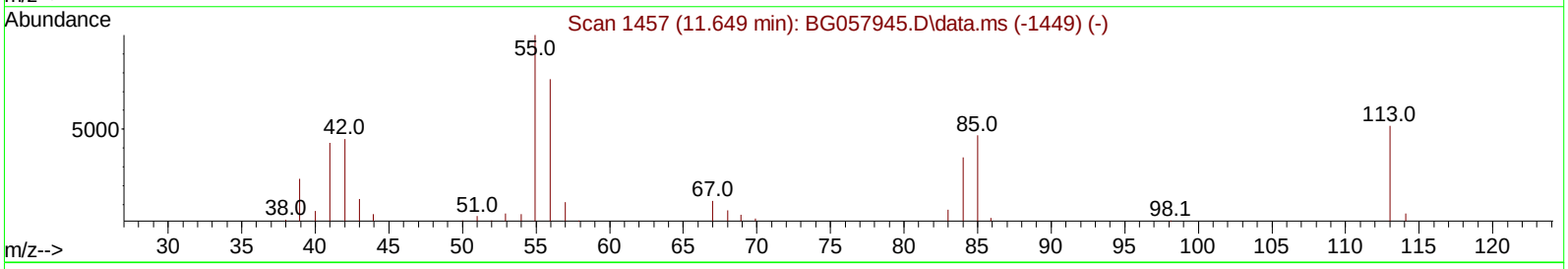

TIC: BG057972.D\data.ms

(34) Caprolactam

11.672min (+ 0.017) 33.97 ng/ul m

response 49345

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	229.30	224.51
56.00	153.80	165.96
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	47033	20.000	ng/ul	0.01
20) Naphthalene-d8	10.743	136	226149	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.574	164	160073	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.318	188	367283	20.000	ng/ul	0.01
79) Chrysene-d12	21.572	240	287878	20.000	ng/ul	0.01
88) Perylene-d12	24.739	264	354898	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	8881	6.612	ng/uL	0.01
4) Pyridine-d5	3.787	84	132349	32.457	ng/ul	0.01
7) Phenol-d5	7.106	99	171855	35.779	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.265	67	99396	34.339	ng/ul	0.00
11) 2-Chlorophenol-d4	7.471	132	123062	37.147	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	131031	36.153	ng/ul	0.02
21) Nitrobenzene-d5	9.104	128	64845	35.180	ng/ul	0.01
24) 2-Nitrophenol-d4	9.827	143	72280	37.312	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.367	165	138251	37.202	ng/ul	0.01
31) 4-Chloroaniline-d4	10.878	131	180214	31.985	ng/ul	0.01
46) Dimethylphthalate-d6	13.981	166	421223	33.351	ng/ul	0.01
49) Acenaphthylene-d8	14.269	160	493697	35.821	ng/ul	0.01
54) 4-Nitrophenol-d4	14.780	143	77914	34.917	ng/ul	0.02
60) Fluorene-d10	15.567	176	374494	34.914	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.685	200	72993	36.600	ng/ul	0.02
73) Anthracene-d10	17.418	188	572871	33.614	ng/ul	0.01
81) Pyrene-d10	19.703	212	646506	35.658	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.521	264	661569	36.589	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	19935	12.014	ng/uL	92
5) Pyridine	3.804	79	135572	32.449	ng/ul	98
6) Benzaldehyde	7.077	77	97328	60.675	ng/ul	92
8) Phenol	7.130	94	183359	37.618	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.359	93	132473	35.199	ng/ul	100
12) 2-Chlorophenol	7.506	128	128589	37.301	ng/ul	97
13) 2-Methylphenol	8.387	108	143305	37.436	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.464	45	209630	36.185	ng/ul	98
16) Acetophenone	8.763	105	217244	36.128	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.746	70	110176	34.274	ng/ul	98
18) 4-Methylphenol	8.710	108	154487	37.323	ng/ul	99
19) Hexachloroethane	9.022	117	49141	37.184	ng/ul	97
22) Nitrobenzene	9.145	77	164830	34.448	ng/ul	98
23) Isophorone	9.668	82	338095	33.114	ng/ul	99
25) 2-Nitrophenol	9.856	139	77260	37.168	ng/ul	94
26) 2,4-Dimethylphenol	9.915	107	137332	29.380	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.150	93	190471	33.105	ng/ul	98
29) 2,4-Dichlorophenol	10.391	162	134464	37.215	ng/ul	93
30) Naphthalene	10.796	128	444525	34.977	ng/ul	99
32) 4-Chloroaniline	10.902	127	157937	27.414	ng/ul	100
33) Hexachlorobutadiene	11.072	225	90965	35.561	ng/ul	95
34) Caprolactam	11.672	113	49345m	33.969	ng/ul	
35) 4-Chloro-3-methylphenol	12.030	107	165825	37.361	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.400	142	303661	35.445	ng/ul	97
37) 1-Methylnaphthalene	12.623	142	304194	35.408	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.770	216	180875	37.079	ng/ul	100
40) Hexachlorocyclopentadiene	12.747	237	74383	24.208	ng/ul	99
41) 2,4,6-Trichlorophenol	13.011	196	124127	37.544	ng/ul	96
42) 2,4,5-Trichlorophenol	13.082	196	138236	38.661	ng/ul	96
43) 1,1'-Biphenyl	13.405	154	408264	35.392	ng/ul	99
44) 2-Chloronaphthalene	13.452	162	330091	35.654	ng/ul	99
45) 2-Nitroaniline	13.658	65	119084	36.996	ng/ul	97
47) Dimethylphthalate	14.028	163	421664	33.231	ng/ul	100
48) 2,6-Dinitrotoluene	14.151	165	97001	37.242	ng/ul	96
50) Acenaphthylene	14.298	152	519929	34.934	ng/ul	98
51) 3-Nitroaniline	14.480	138	95953	43.593	ng/ul	97
52) Acenaphthene	14.639	153	360504	35.299	ng/ul	98
53) 2,4-Dinitrophenol	14.686	184	48738	35.893	ng/ul	93
55) 4-Nitrophenol	14.797	109	57192	34.598	ng/ul	88
56) Dibenzofuran	14.974	168	511497	35.233	ng/ul	100
57) 2,4-Dinitrotoluene	14.938	165	132633	35.941	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.197	232	117827	36.198	ng/ul	100
59) Diethylphthalate	15.391	149	443491	33.487	ng/ul	100
61) Fluorene	15.620	166	414224	34.774	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.608	204	220664	35.010	ng/ul	99
63) 4-Nitroaniline	15.643	138	94894	48.126	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.702	198	75202	36.872	ng/ul#	96
67) N-Nitrosodiphenylamine	15.826	169	351719	35.983	ng/ul	98
68) 4-Bromophenyl-phenylether	16.501	248	153982	38.194	ng/ul	98
69) Hexachlorobenzene	16.625	284	168801	37.397	ng/ul	99
70) Atrazine	16.772	200	106942	26.755	ng/ul	95
71) Pentachlorophenol	16.965	266	96805	35.723	ng/ul	98
72) Phenanthrene	17.359	178	655978	35.112	ng/ul	99
74) Anthracene	17.453	178	642400	33.979	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.376	216	188734	38.746	ng/uL	98
76) Pentachlorobenzene	14.897	250	444822	85.505	ng/uL	99
77) Carbazole	17.723	167	611803	35.781	ng/ul	99
78) Di-n-butylphthalate	18.276	149	754288	34.631	ng/ul	99
80) Fluoranthene	19.368	202	750006	35.699	ng/ul	100
82) Pyrene	19.733	202	745938	35.273	ng/ul	99
83) Butylbenzylphthalate	20.614	149	322327	37.587	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.466	252	281545	40.398	ng/ul	98
85) Benzo(a)anthracene	21.554	228	737087	35.660	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.454	149	454624	36.995	ng/ul	98
87) Chrysene	21.619	228	703638	36.314	ng/ul	99
89) Di-n-octyl phthalate	22.647	149	808775	37.090	ng/ul	100
90) Benzo(b)fluoranthene	23.734	252	787383	35.832	ng/ul	100
91) Benzo(k)fluoranthene	23.799	252	778865	36.161	ng/ul	98
93) Benzo(a)pyrene	24.592	252	699425	35.961	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.352	276	944912	36.586	ng/ul	98
95) Dibenzo(a,h)anthracene	28.411	278	783663	36.796	ng/ul	98
96) Benzo(g,h,i)perylene	29.486	276	754046	35.744	ng/ul	99

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

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