Quantitation Report (Qedit)

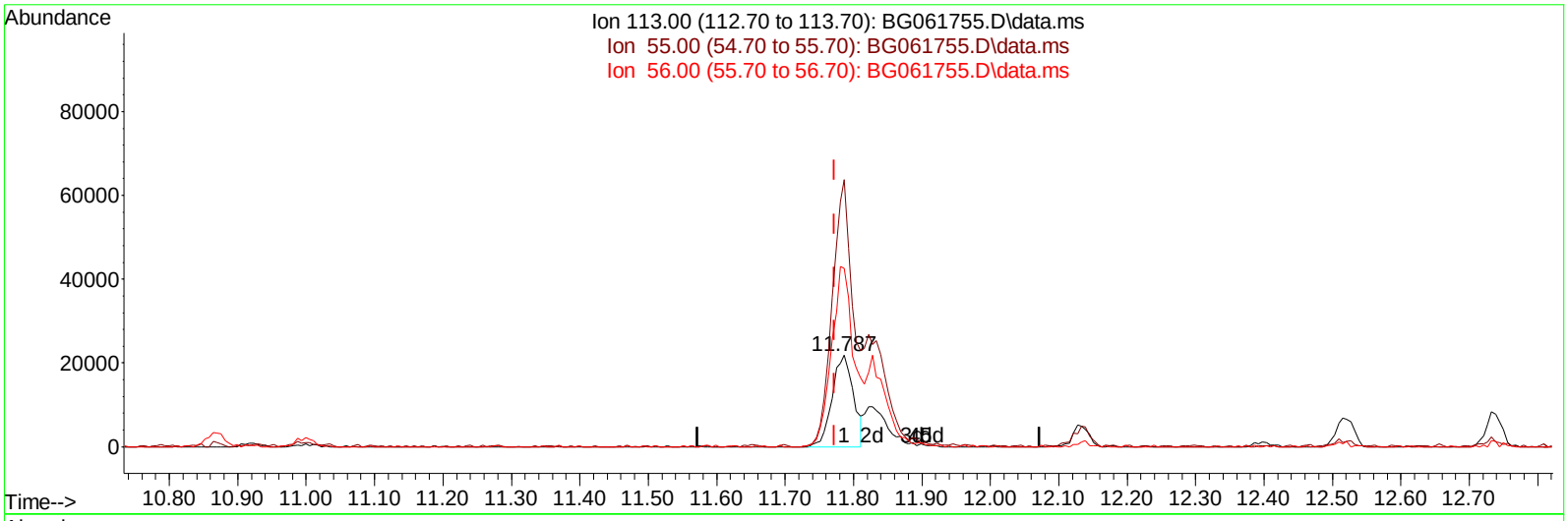
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061755.D
Acq On : 28 Jun 2024 1:51
Operator : MA/JU
Sample : PB161760BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

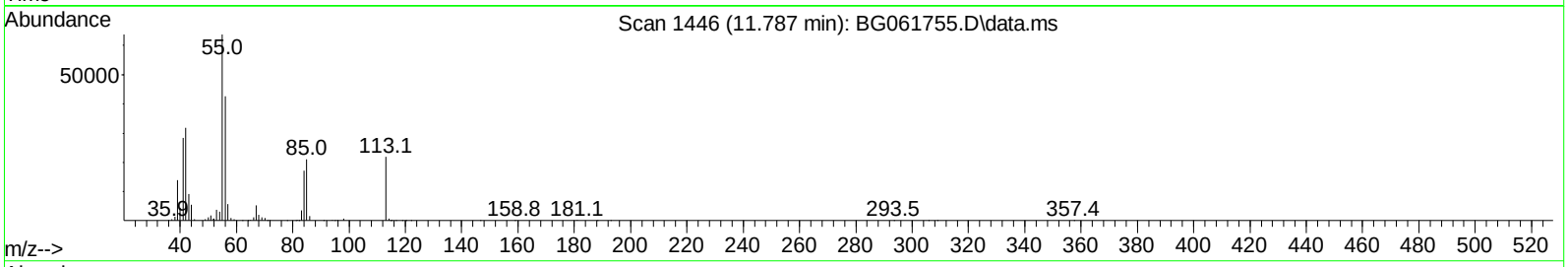
Quant Time: Jun 28 03:41:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

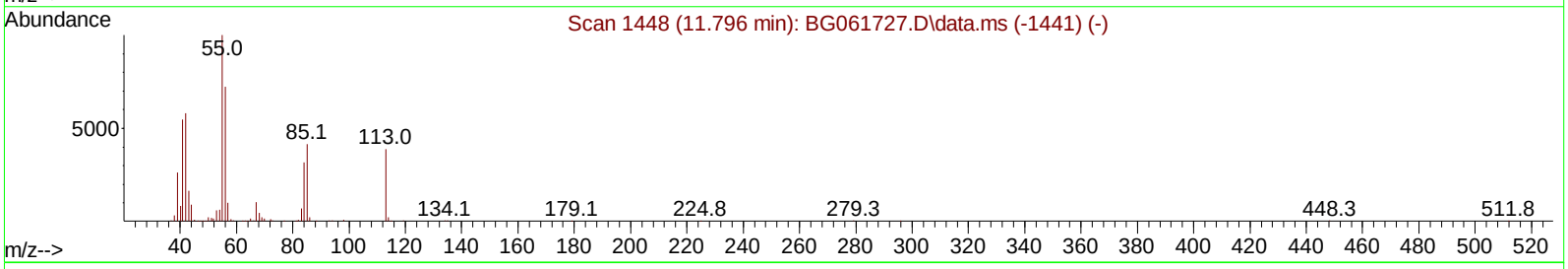
Instrument :
BNA_G
ClientSampleId :
SLCS760

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024







TIC: BG061755.D\data.ms

(34) Caprolactam

11.787min (+ 0.014) 22.81 ng/ul

response 47264

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	291.83
56.00	209.00	195.02
0.00	0.00	0.00

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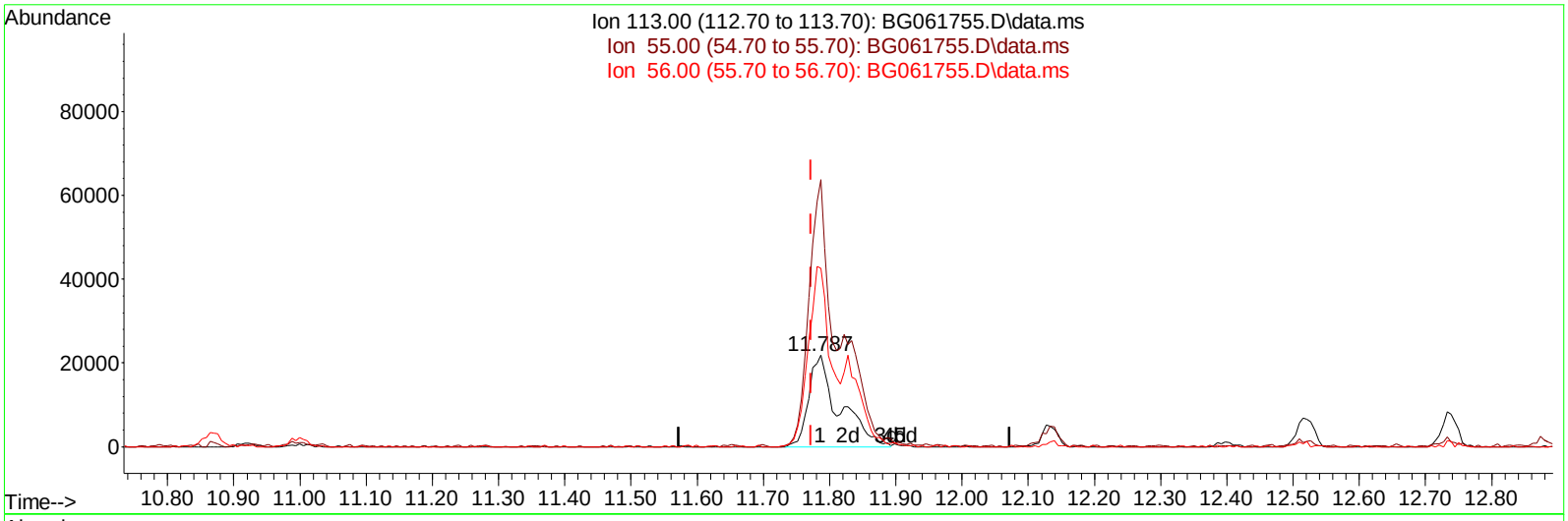

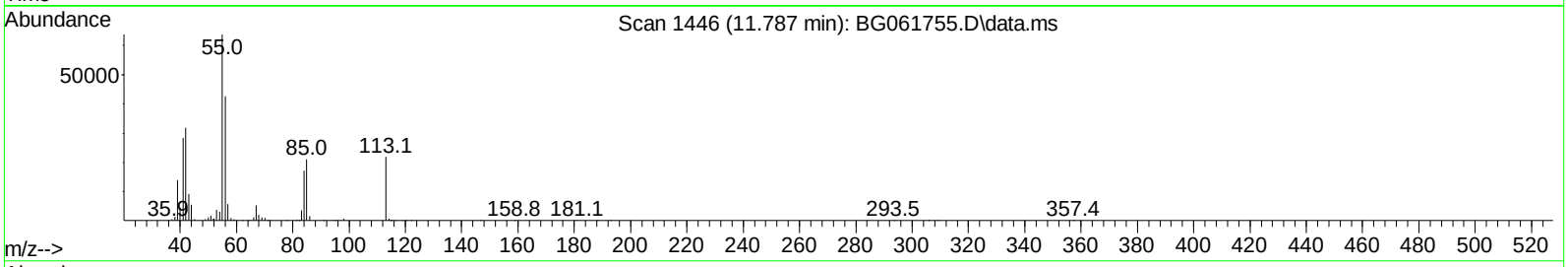

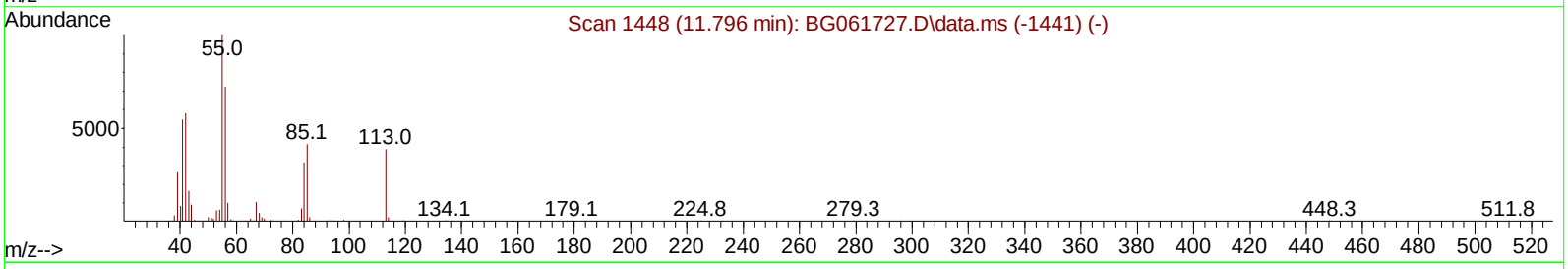

TIC: BG061755.D\data.ms

(34) Caprolactam

11.787min (+ 0.014) 33.77 ng/ul m

response 69994

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	291.83
56.00	209.00	195.02
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	8.056	152	67723	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	335944	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.683	164	224407	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.427	188	530780	20.000	ng/ul	0.00
79) Chrysene-d12	21.693	240	397732	20.000	ng/ul	0.00
88) Perylene-d12	24.901	264	448267	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.455	96	15575	8.308	ng/uL	0.00
4) Pyridine-d5	3.872	84	180511	31.847	ng/ul	0.00
7) Phenol-d5	7.204	99	260213	35.394	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	159302	34.759	ng/ul	0.00
11) 2-Chlorophenol-d4	7.586	132	180373	35.752	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	196185	34.518	ng/ul	0.00
21) Nitrobenzene-d5	9.219	128	86224	37.800	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	101358	43.873	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.476	165	199409	36.452	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	233840	28.234	ng/ul	0.00
46) Dimethylphthalate-d6	14.090	166	618386	35.809	ng/ul	0.00
49) Acenaphthylene-d8	14.378	160	696437	36.799	ng/ul	0.00
54) 4-Nitrophenol-d4	14.865	143	107852	36.365	ng/ul	0.00
60) Fluorene-d10	15.676	176	556139	36.786	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.782	200	73831	32.530	ng/ul	0.00
73) Anthracene-d10	17.527	188	853449	35.226	ng/ul	0.00
81) Pyrene-d10	19.807	212	938104	42.226	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.683	264	827086	38.631	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.496	88	25096	10.772	ng/uL#	85
5) Pyridine	3.890	79	190413	31.250	ng/ul	90
6) Benzaldehyde	7.192	77	138145	38.185	ng/ul	95
8) Phenol	7.233	94	273679	35.374	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.474	93	196275	33.706	ng/ul#	92
12) 2-Chlorophenol	7.615	128	187734	37.090	ng/ul	91
13) 2-Methylphenol	8.490	108	189022	34.920	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.579	45	428578	36.025	ng/ul	98
16) Acetophenone	8.884	105	318394	34.021	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.866	70	170280	33.871	ng/ul#	98
18) 4-Methylphenol	8.819	108	214129	35.310	ng/ul	97
19) Hexachloroethane	9.143	117	76788	37.836	ng/ul	95
22) Nitrobenzene	9.266	77	250599	38.136	ng/ul#	90
23) Isophorone	9.789	82	494890	32.747	ng/ul	98
25) 2-Nitrophenol	9.977	139	104029	43.062	ng/ul#	75
26) 2,4-Dimethylphenol	10.024	107	198433	29.369	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.271	93	289219	33.831	ng/ul	99
29) 2,4-Dichlorophenol	10.506	162	187149	37.340	ng/ul	100
30) Naphthalene	10.917	128	636359	33.854	ng/ul	99
32) 4-Chloroaniline	11.023	127	231088	28.133	ng/ul#	88
33) Hexachlorobutadiene	11.193	225	132176	38.178	ng/ul	95
34) Caprolactam	11.787	113	69994m	33.773	ng/ul	
35) 4-Chloro-3-methylphenol	12.133	107	237740	33.920	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.521	142	452541	34.119	ng/ul	99
37) 1-Methylnaphthalene	12.738	142	464676	32.834	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.879	216	251864	39.658	ng/ul	98
40) Hexachlorocyclopentadiene	12.856	237	110397	29.215	ng/ul	99
41) 2,4,6-Trichlorophenol	13.114	196	154209	37.634	ng/ul	89
42) 2,4,5-Trichlorophenol	13.185	196	176783	39.582	ng/ul	99
43) 1,1'-Biphenyl	13.520	154	615584	37.869	ng/ul	97
44) 2-Chloronaphthalene	13.567	162	473379	37.912	ng/ul	97
45) 2-Nitroaniline	13.761	65	194840	45.582	ng/ul	93
47) Dimethylphthalate	14.137	163	583569	34.031	ng/ul#	98
48) 2,6-Dinitrotoluene	14.260	165	122350	42.996	ng/ul#	96
50) Acenaphthylene	14.407	152	750377	35.520	ng/ul	99
51) 3-Nitroaniline	14.583	138	127487	43.748	ng/ul#	95
52) Acenaphthene	14.748	153	510330	34.882	ng/ul	95
53) 2,4-Dinitrophenol	14.789	184	37319	25.807	ng/ul#	85
55) 4-Nitrophenol	14.883	109	114082	37.249	ng/ul	97
56) Dibenzofuran	15.083	168	723917	35.359	ng/ul	92
57) 2,4-Dinitrotoluene	15.042	165	183022	43.329	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.300	232	150172	34.292	ng/ul	98
59) Diethylphthalate	15.500	149	626878	35.494	ng/ul	95
61) Fluorene	15.729	166	598747	35.338	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.723	204	292058	34.723	ng/ul	95
63) 4-Nitroaniline	15.747	138	138908	44.994	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.800	198	83668	32.545	ng/ul#	90
67) N-Nitrosodiphenylamine	15.935	169	512788	37.359	ng/ul	99
68) 4-Bromophenyl-phenylether	16.616	248	203133	37.169	ng/ul	97
69) Hexachlorobenzene	16.728	284	233944	35.274	ng/ul	98
70) Atrazine	16.881	200	71456	13.033	ng/ul	97
71) Pentachlorophenol	17.069	266	121586	30.096	ng/ul	96
72) Phenanthrene	17.474	178	969553	34.721	ng/ul	98
74) Anthracene	17.562	178	981236	34.363	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.485	216	246487	41.682	ng/ul	100
76) Pentachlorobenzene	14.995	250	266523	37.530	ng/ul	93
77) Carbazole	17.827	167	875675	36.117	ng/ul	96
78) Di-n-butylphthalate	18.391	149	1103723	38.062	ng/ul	99
80) Fluoranthene	19.478	202	1089585	42.269	ng/ul	99
82) Pyrene	19.836	202	1136304	41.457	ng/ul	98
83) Butylbenzylphthalate	20.723	149	467389	46.834	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.587	252	297093	35.327	ng/ul	96
85) Benzo(a)anthracene	21.669	228	1042811	37.352	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.587	149	650287	44.330	ng/ul	97
87) Chrysene	21.740	228	981974	37.171	ng/ul	99
89) Di-n-octyl phthalate	22.803	149	1112774	47.065	ng/ul	100
90) Benzo(b)fluoranthene	23.884	252	1045318	38.792	ng/ul	96
91) Benzo(k)fluoranthene	23.955	252	1023561	36.935	ng/ul	98
93) Benzo(a)pyrene	24.754	252	896655	34.563	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.573	276	1262664	39.059	ng/ul	99
95) Dibenzo(a,h)anthracene	28.643	278	1032877	38.424	ng/ul	99
96) Benzo(g,h,i)perylene	29.713	276	977556	37.513	ng/ul	96

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

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