Quantitation Report (Qedit)

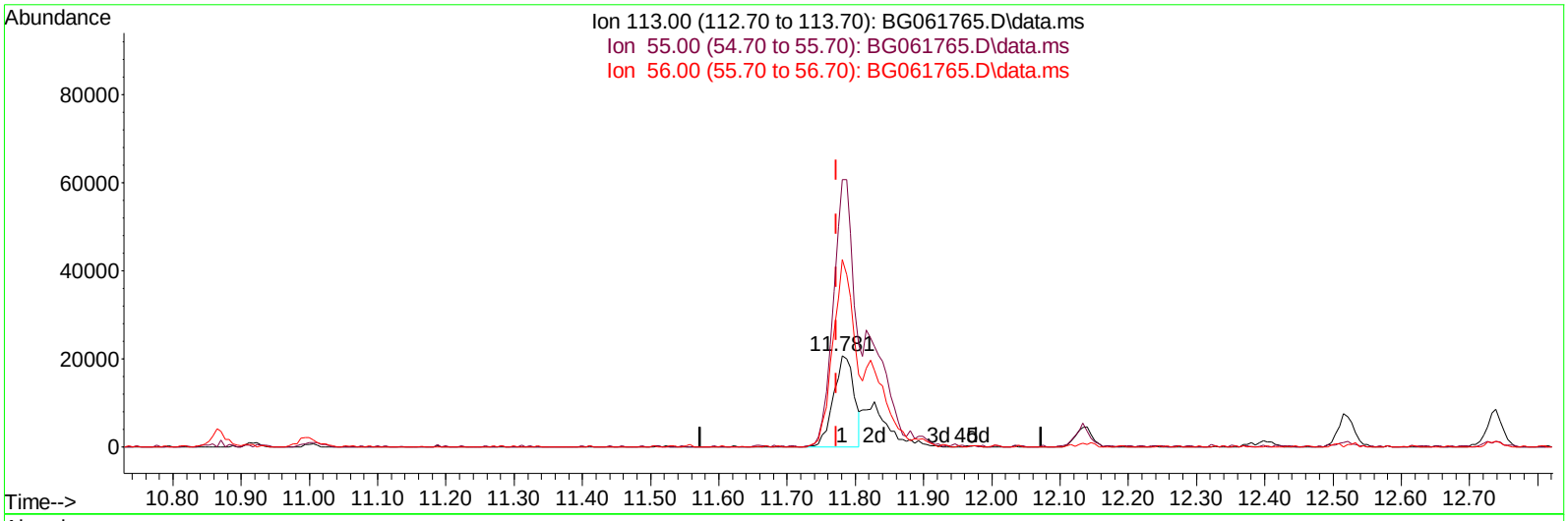
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061765.D
Acq On : 28 Jun 2024 9:13
Operator : MA/JU
Sample : PB161559BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

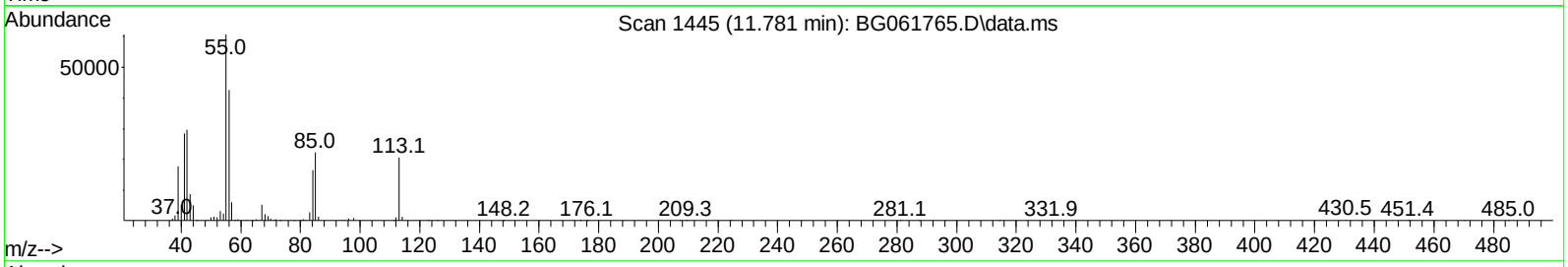
Quant Time: Jun 28 10:59:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

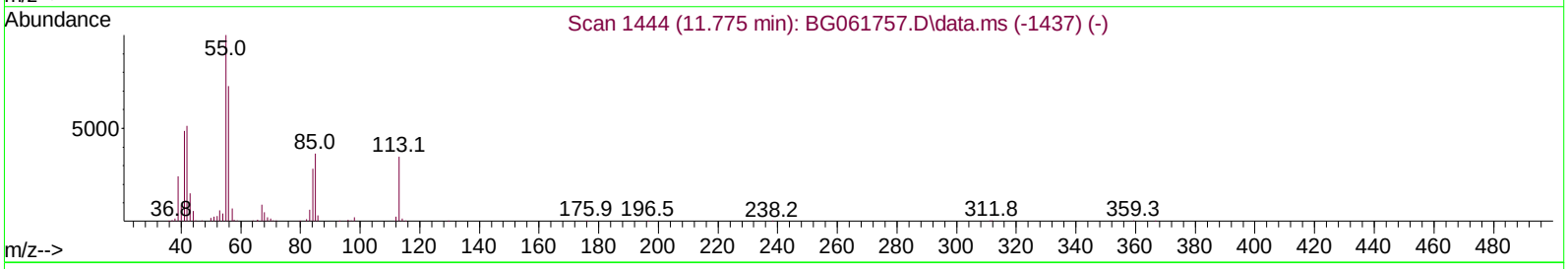
Instrument :
BNA_G
ClientSampleId :
SLCS559

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/28/2024
Supervised By :mohammad ahmed 06/29/2024







TIC: BG061765.D\data.ms

(34) Caprolactam

11.781min (+ 0.009) 20.08 ng/ul

response 42876

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	292.93
56.00	209.00	205.56
0.00	0.00	0.00

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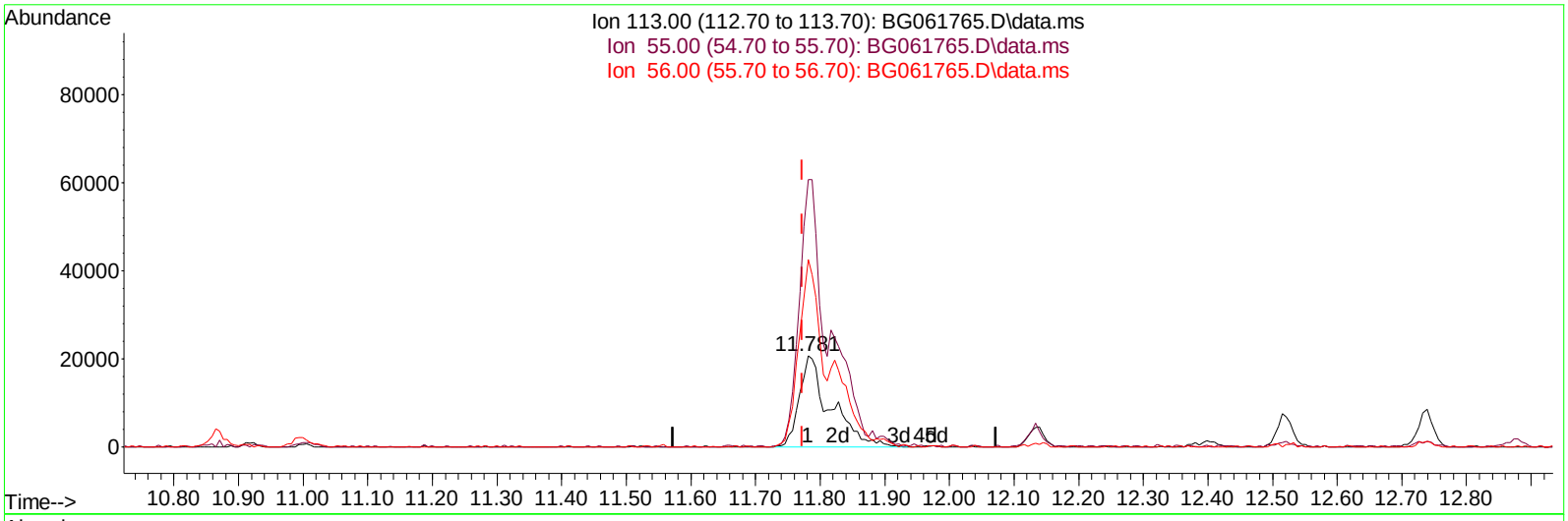

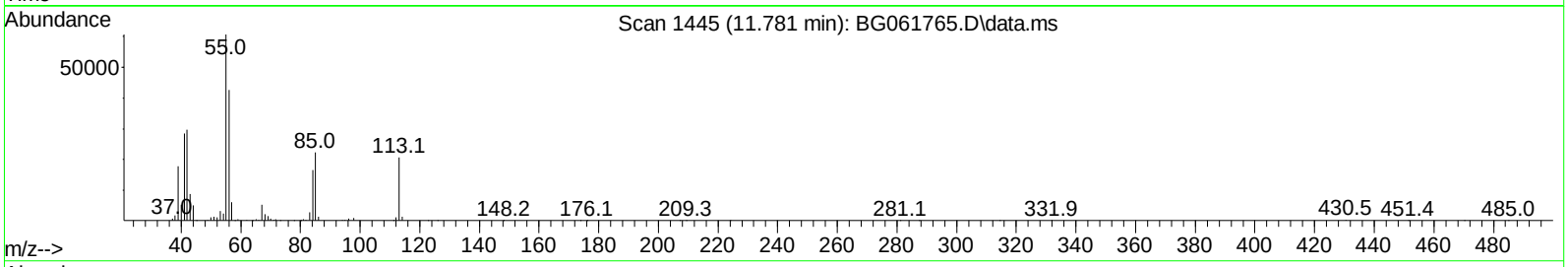

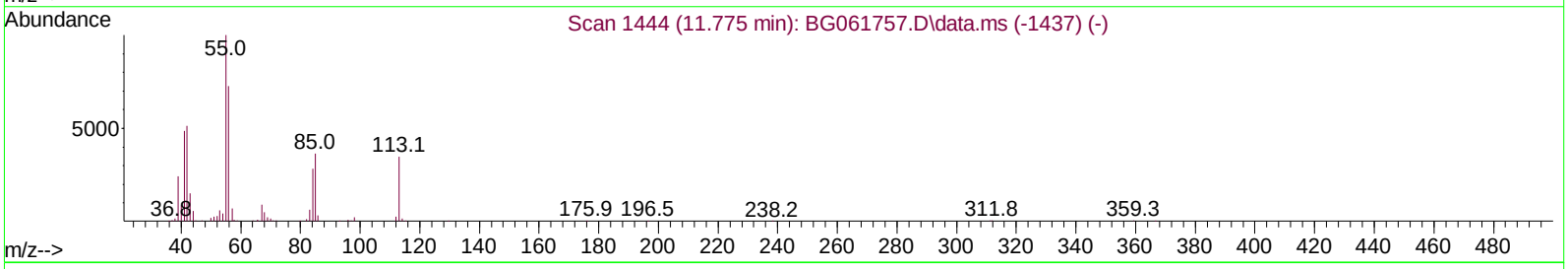

TIC: BG061765.D\data.ms

(34) Caprolactam

11.781min (+ 0.009) 31.82 ng/ul m

response 67957

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	292.93
56.00	209.00	205.56
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	73909	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	346133	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.683	164	236367	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.427	188	544805	20.000	ng/ul	0.00
79) Chrysene-d12	21.693	240	420646	20.000	ng/ul	0.00
88) Perylene-d12	24.907	264	474911	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.461	96	16364	7.998	ng/uL	0.00
4) Pyridine-d5	3.873	84	183603	29.681	ng/ul	0.00
7) Phenol-d5	7.198	99	266882	33.262	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.380	67	163223	32.634	ng/ul	0.00
11) 2-Chlorophenol-d4	7.580	132	176355	32.030	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	200844	32.380	ng/ul	0.00
21) Nitrobenzene-d5	9.225	128	92618	39.408	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	107322	45.087	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.483	165	203926	36.181	ng/ul	0.00
31) 4-Chloroaniline-d4	11.000	131	234160	27.440	ng/ul	0.00
46) Dimethylphthalate-d6	14.090	166	627495	34.498	ng/ul	0.00
49) Acenaphthylene-d8	14.378	160	696411	34.936	ng/ul	0.00
54) 4-Nitrophenol-d4	14.866	143	110569	35.395	ng/ul	0.00
60) Fluorene-d10	15.676	176	542623	34.076	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.788	200	95370	40.938	ng/ul	0.00
73) Anthracene-d10	17.527	188	858209	34.510	ng/ul	0.00
81) Pyrene-d10	19.813	212	926862	39.447	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.684	264	836008	36.857	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.491	88	27379	10.768	ng/uL#	75
5) Pyridine	3.890	79	193752	29.137	ng/ul	90
6) Benzaldehyde	7.192	77	140703	35.636	ng/ul	97
8) Phenol	7.228	94	278602	32.997	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.474	93	200537	31.556	ng/ul#	94
12) 2-Chlorophenol	7.615	128	192199	34.794	ng/ul	94
13) 2-Methylphenol	8.491	108	195248	33.051	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.579	45	449820	34.646	ng/ul#	95
16) Acetophenone	8.879	105	325721	31.891	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.867	70	174655	31.833	ng/ul#	94
18) 4-Methylphenol	8.820	108	218900	33.076	ng/ul	97
19) Hexachloroethane	9.143	117	77349	34.923	ng/ul	90
22) Nitrobenzene	9.266	77	258786	38.223	ng/ul	97
23) Isophorone	9.789	82	511278	32.836	ng/ul	99
25) 2-Nitrophenol	9.977	139	109300	43.912	ng/ul#	74
26) 2,4-Dimethylphenol	10.024	107	194983	28.009	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.271	93	296829	33.699	ng/ul	99
29) 2,4-Dichlorophenol	10.506	162	188300	36.464	ng/ul	98
30) Naphthalene	10.917	128	638474	32.967	ng/ul	98
32) 4-Chloroaniline	11.023	127	230762	27.267	ng/ul	96
33) Hexachlorobutadiene	11.193	225	132722	37.207	ng/ul	94
34) Caprolactam	11.781	113	67957m	31.825	ng/ul	
35) 4-Chloro-3-methylphenol	12.134	107	248367	34.393	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.521	142	449910	32.922	ng/ul	100
37) 1-Methylnaphthalene	12.739	142	462242	31.701	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.880	216	252402	37.731	ng/ul	99
40) Hexachlorocyclopentadiene	12.856	237	108228	27.192	ng/ul	91
41) 2,4,6-Trichlorophenol	13.115	196	155150	35.948	ng/ul	96
42) 2,4,5-Trichlorophenol	13.191	196	173554	36.893	ng/ul	93
43) 1,1'-Biphenyl	13.526	154	621901	36.322	ng/ul	99
44) 2-Chloronaphthalene	13.567	162	468928	35.655	ng/ul	97
45) 2-Nitroaniline	13.767	65	199536	44.318	ng/ul	94
47) Dimethylphthalate	14.137	163	591039	32.722	ng/ul	97
48) 2,6-Dinitrotoluene	14.260	165	129457	43.191	ng/ul#	89
50) Acenaphthylene	14.413	152	747005	33.571	ng/ul	99
51) 3-Nitroaniline	14.584	138	130824	42.622	ng/ul#	92
52) Acenaphthene	14.748	153	508179	32.977	ng/ul	97
53) 2,4-Dinitrophenol	14.789	184	56003	36.768	ng/ul#	84
55) 4-Nitrophenol	14.883	109	113285	35.117	ng/ul	98
56) Dibenzofuran	15.083	168	730004	33.852	ng/ul	95
57) 2,4-Dinitrotoluene	15.042	165	185166	41.619	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.300	232	141508	30.678	ng/ul	95
59) Diethylphthalate	15.500	149	623403	33.511	ng/ul	98
61) Fluorene	15.735	166	601780	33.720	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.723	204	301839	34.070	ng/ul	96
63) 4-Nitroaniline	15.747	138	139167	42.797	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.800	198	100355	38.031	ng/ul	92
67) N-Nitrosodiphenylamine	15.935	169	516067	36.630	ng/ul	98
68) 4-Bromophenyl-phenylether	16.617	248	212703	37.918	ng/ul	94
69) Hexachlorobenzene	16.728	284	237166	34.839	ng/ul	98
70) Atrazine	16.881	200	58787	10.447	ng/ul	96
71) Pentachlorophenol	17.069	266	116995	28.214	ng/ul	95
72) Phenanthrene	17.474	178	983474	34.313	ng/ul	99
74) Anthracene	17.562	178	970380	33.108	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.485	216	247170	40.721	ng/ul	97
76) Pentachlorobenzene	14.995	250	267391	36.683	ng/ul	97
77) Carbazole	17.833	167	879772	35.351	ng/ul	99
78) Di-n-butylphthalate	18.391	149	1076339	36.162	ng/ul	100
80) Fluoranthene	19.478	202	1091098	40.022	ng/ul	99
82) Pyrene	19.842	202	1139137	39.296	ng/ul	95
83) Butylbenzylphthalate	20.723	149	464730	44.031	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.587	252	333534	37.500	ng/ul	93
85) Benzo(a)anthracene	21.669	228	1062110	35.971	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.581	149	649275	41.849	ng/ul	97
87) Chrysene	21.740	228	992440	35.521	ng/ul	98
89) Di-n-octyl phthalate	22.803	149	1086963	43.395	ng/ul	100
90) Benzo(b)fluoranthene	23.884	252	1060352	37.142	ng/ul	97
91) Benzo(k)fluoranthene	23.955	252	1024800	34.905	ng/ul	98
93) Benzo(a)pyrene	24.754	252	925292	33.666	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.573	276	1286176	37.554	ng/ul	100
95) Dibenzo(a,h)anthracene	28.638	278	1061491	37.273	ng/ul	98
96) Benzo(g,h,i)perylene	29.725	276	1006515	36.457	ng/ul	99

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

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