Quantitation Report (Qedit)

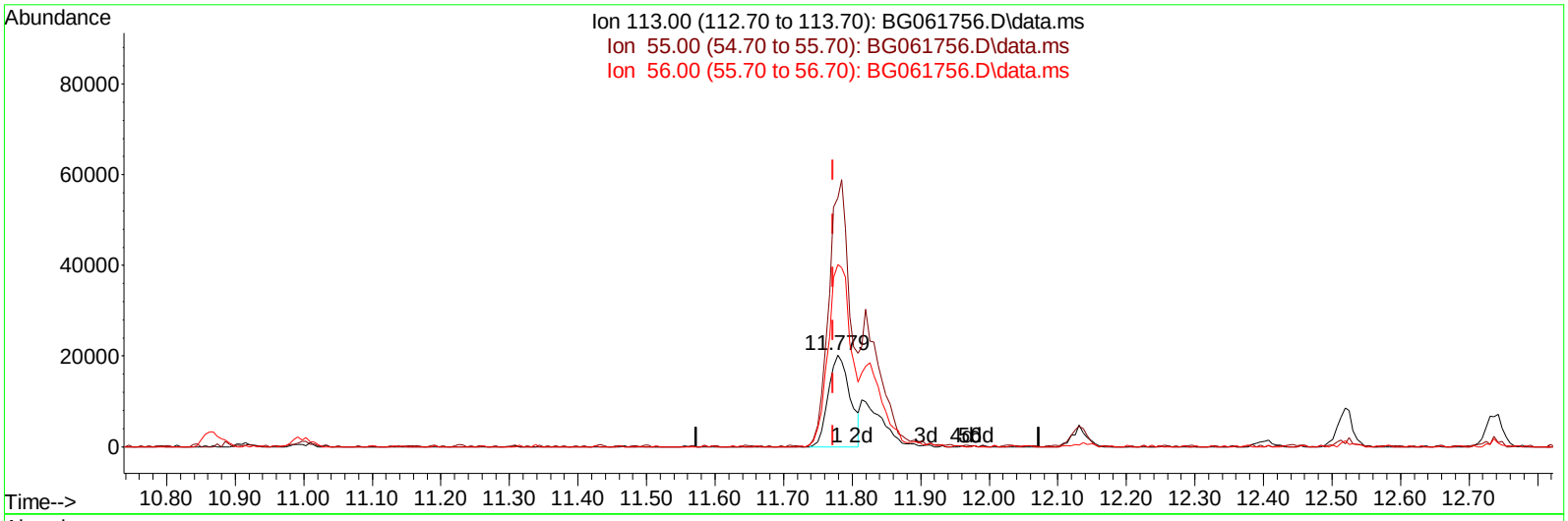
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062724\
Data File : BG061756.D
Acq On : 28 Jun 2024 2:31
Operator : MA/JU
Sample : PB161561BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

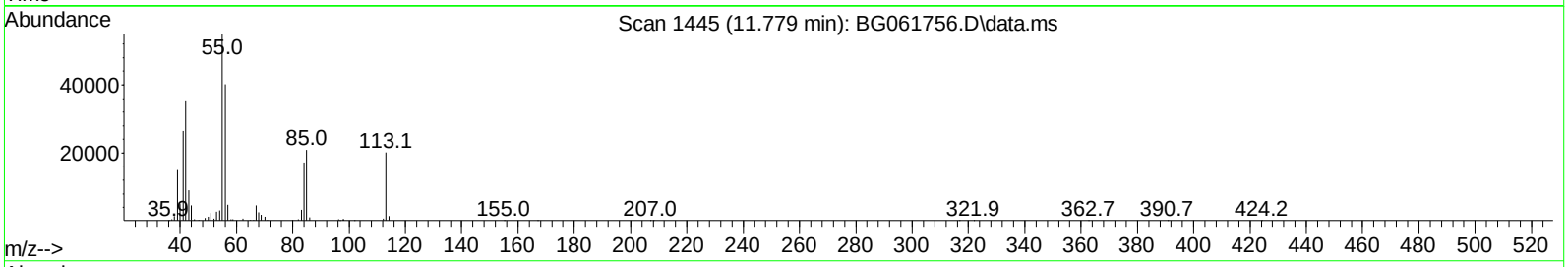
Quant Time: Jun 28 03:42:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 12:23:53 2024
Response via : Initial Calibration

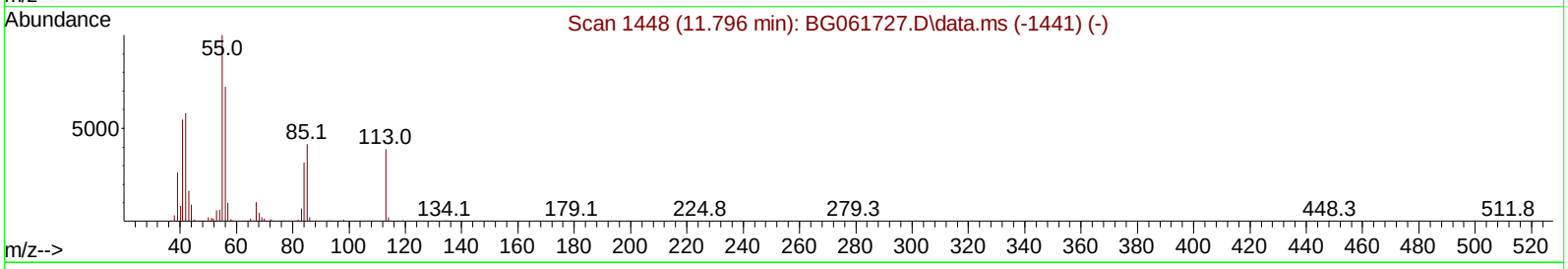
Instrument :
BNA_G
ClientSampleId :
SLCS561

Manual IntegrationsAPPROVED

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







TIC: BG061756.D\data.ms

(34) Caprolactam

11.779min (+ 0.006) 20.51 ng/ul

response 44422

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	270.66
56.00	209.00	198.58
0.00	0.00	0.00

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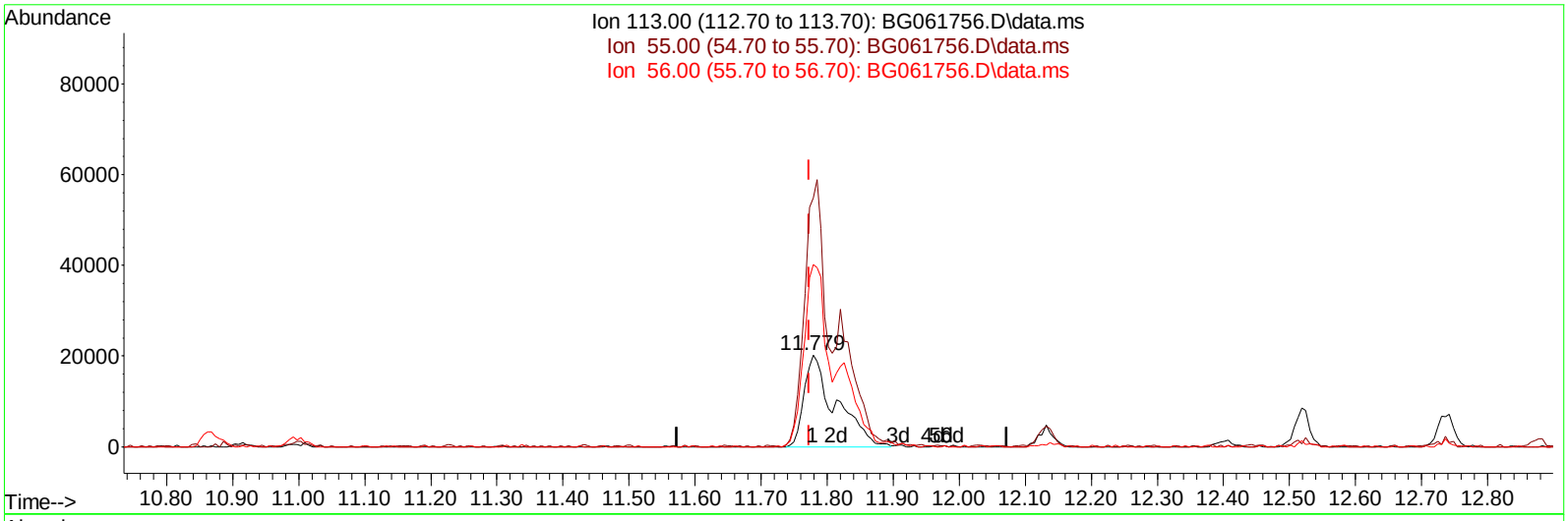

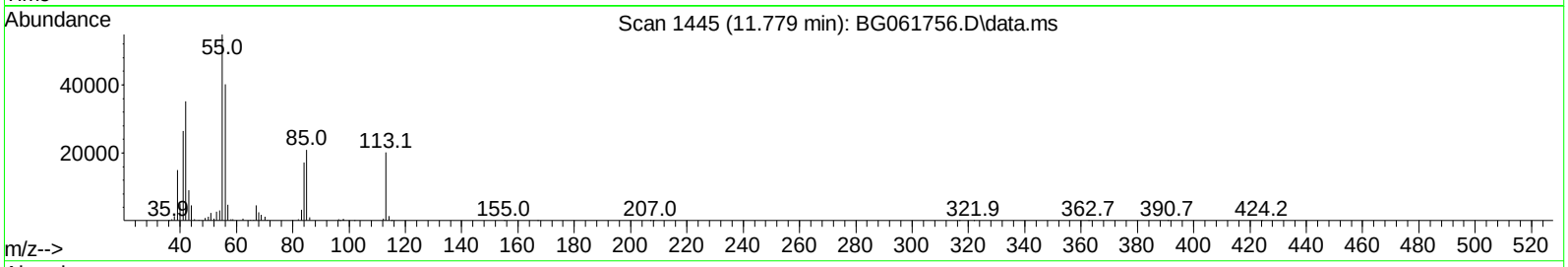

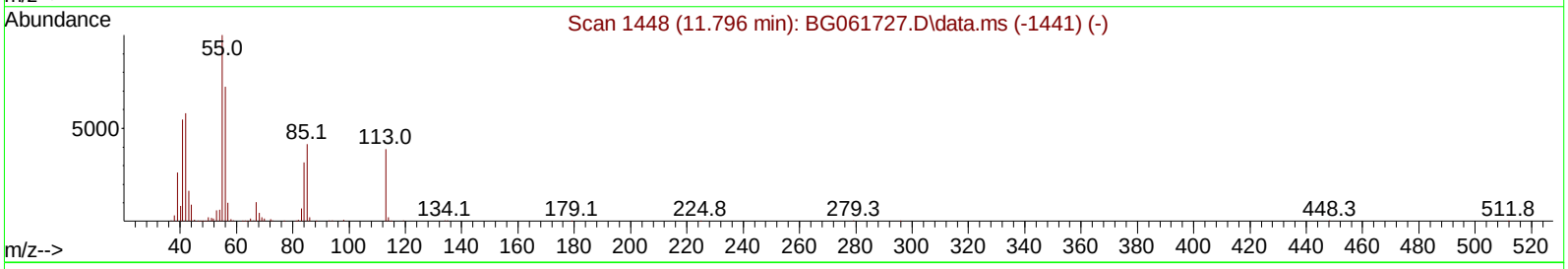

TIC: BG061756.D\data.ms

(34) Caprolactam

11.779min (+ 0.006) 31.06 ng/ul m

response 67267

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	259.30	270.66
56.00	209.00	198.58
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	8.054	152	72996	20.000	ng/ul	0.00
20) Naphthalene-d8	10.868	136	351092	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.681	164	236256	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.431	188	556140	20.000	ng/ul	0.00
79) Chrysene-d12	21.691	240	442362	20.000	ng/ul	0.00
88) Perylene-d12	24.904	264	495094	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.453	96	14466	7.159	ng/uL	0.00
4) Pyridine-d5	3.870	84	182307	29.840	ng/ul	0.00
7) Phenol-d5	7.202	99	252261	31.833	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.378	67	151396	30.647	ng/ul	0.00
11) 2-Chlorophenol-d4	7.584	132	167532	30.808	ng/ul	0.00
15) 4-Methylphenol-d8	8.753	113	188277	30.734	ng/ul	0.00
21) Nitrobenzene-d5	9.223	128	85113	35.703	ng/ul	0.00
24) 2-Nitrophenol-d4	9.946	143	100703	41.709	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.480	165	193695	33.880	ng/ul	0.00
31) 4-Chloroaniline-d4	10.997	131	226811	26.204	ng/ul	0.00
46) Dimethylphthalate-d6	14.088	166	590106	32.458	ng/ul	0.00
49) Acenaphthylene-d8	14.382	160	669844	33.619	ng/ul	0.00
54) 4-Nitrophenol-d4	14.869	143	108147	34.636	ng/ul	0.00
60) Fluorene-d10	15.674	176	525544	33.019	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.786	200	75844	31.893	ng/ul	0.00
73) Anthracene-d10	17.531	188	847253	33.375	ng/ul	0.00
81) Pyrene-d10	19.810	212	952870	38.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.681	264	831516	35.165	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.488	88	26318	10.480	ng/uL#	93
5) Pyridine	3.888	79	196273	29.885	ng/ul	93
6) Benzaldehyde	7.190	77	135252	34.684	ng/ul	97
8) Phenol	7.231	94	268202	32.162	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.472	93	193041	30.756	ng/ul	96
12) 2-Chlorophenol	7.613	128	183422	33.621	ng/ul	93
13) 2-Methylphenol	8.488	108	183579	31.465	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.577	45	424240	33.084	ng/ul#	95
16) Acetophenone	8.882	105	307491	30.483	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.864	70	163133	30.105	ng/ul#	92
18) 4-Methylphenol	8.817	108	207187	31.698	ng/ul	95
19) Hexachloroethane	9.141	117	72769	33.266	ng/ul#	89
22) Nitrobenzene	9.264	77	244087	35.542	ng/ul	92
23) Isophorone	9.787	82	480418	30.418	ng/ul	98
25) 2-Nitrophenol	9.975	139	103612	41.039	ng/ul#	84
26) 2,4-Dimethylphenol	10.028	107	191792	27.162	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.269	93	281449	31.502	ng/ul#	96
29) 2,4-Dichlorophenol	10.510	162	181958	34.738	ng/ul	98
30) Naphthalene	10.915	128	616525	31.384	ng/ul	98
32) 4-Chloroaniline	11.021	127	225606	26.281	ng/ul	96
33) Hexachlorobutadiene	11.191	225	128025	35.384	ng/ul	94
34) Caprolactam	11.779	113	67267m	31.057	ng/ul	
35) 4-Chloro-3-methylphenol	12.131	107	233631	31.896	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.519	142	441310	31.837	ng/ul	94
37) 1-Methylnaphthalene	12.736	142	442853	29.942	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.877	216	234344	35.048	ng/ul	95
40) Hexachlorocyclopentadiene	12.860	237	105191	26.441	ng/ul	97
41) 2,4,6-Trichlorophenol	13.118	196	148845	34.503	ng/ul	95
42) 2,4,5-Trichlorophenol	13.189	196	165274	35.150	ng/ul	93
43) 1,1'-Biphenyl	13.524	154	595985	34.825	ng/ul	97
44) 2-Chloronaphthalene	13.565	162	438838	33.383	ng/ul	93
45) 2-Nitroaniline	13.765	65	188391	41.863	ng/ul	98
47) Dimethylphthalate	14.135	163	558220	30.920	ng/ul	100
48) 2,6-Dinitrotoluene	14.258	165	116796	38.986	ng/ul#	94
50) Acenaphthylene	14.411	152	716882	32.232	ng/ul	97
51) 3-Nitroaniline	14.581	138	116534	37.984	ng/ul#	97
52) Acenaphthene	14.746	153	494043	32.075	ng/ul	93
53) 2,4-Dinitrophenol	14.787	184	40200	26.405	ng/ul#	78
55) 4-Nitrophenol	14.881	109	112759	34.970	ng/ul	94
56) Dibenzofuran	15.081	168	698121	32.389	ng/ul	96
57) 2,4-Dinitrotoluene	15.040	165	178372	40.111	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.298	232	137061	29.728	ng/ul#	89
59) Diethylphthalate	15.498	149	604004	32.484	ng/ul	94
61) Fluorene	15.733	166	579782	32.502	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.721	204	285300	32.218	ng/ul	95
63) 4-Nitroaniline	15.745	138	130190	40.055	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.803	198	79630	29.562	ng/ul#	93
67) N-Nitrosodiphenylamine	15.933	169	505140	35.124	ng/ul	98
68) 4-Bromophenyl-phenylether	16.620	248	199003	34.753	ng/ul	96
69) Hexachlorobenzene	16.726	284	236661	34.057	ng/ul	97
70) Atrazine	16.879	200	63866	11.118	ng/ul	95
71) Pentachlorophenol	17.067	266	113329	26.773	ng/ul	95
72) Phenanthrene	17.472	178	961321	32.856	ng/ul	98
74) Anthracene	17.560	178	965916	32.284	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.483	216	240618	38.834	ng/ul	96
76) Pentachlorobenzene	14.998	250	255145	34.290	ng/ul	96
77) Carbazole	17.830	167	883259	34.768	ng/ul	99
78) Di-n-butylphthalate	18.389	149	1064856	35.047	ng/ul	98
80) Fluoranthene	19.476	202	1112650	38.809	ng/ul	99
82) Pyrene	19.840	202	1152416	37.803	ng/ul	96
83) Butylbenzylphthalate	20.727	149	480421	43.283	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.585	252	315911	33.775	ng/ul	98
85) Benzo(a)anthracene	21.673	228	1059418	34.118	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.585	149	667620	40.919	ng/ul	99
87) Chrysene	21.738	228	1007609	34.294	ng/ul	99
89) Di-n-octyl phthalate	22.807	149	1102978	42.239	ng/ul	100
90) Benzo(b)fluoranthene	23.882	252	1046123	35.150	ng/ul	98
91) Benzo(k)fluoranthene	23.953	252	1046171	34.180	ng/ul	99
93) Benzo(a)pyrene	24.758	252	904088	31.554	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.571	276	1243550	34.829	ng/ul	97
95) Dibenzo(a,h)anthracene	28.641	278	1031573	34.746	ng/ul	99
96) Benzo(g,h,i)perylene	29.717	276	977671	33.969	ng/ul	99

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

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