Quantitation Report (Qedit)

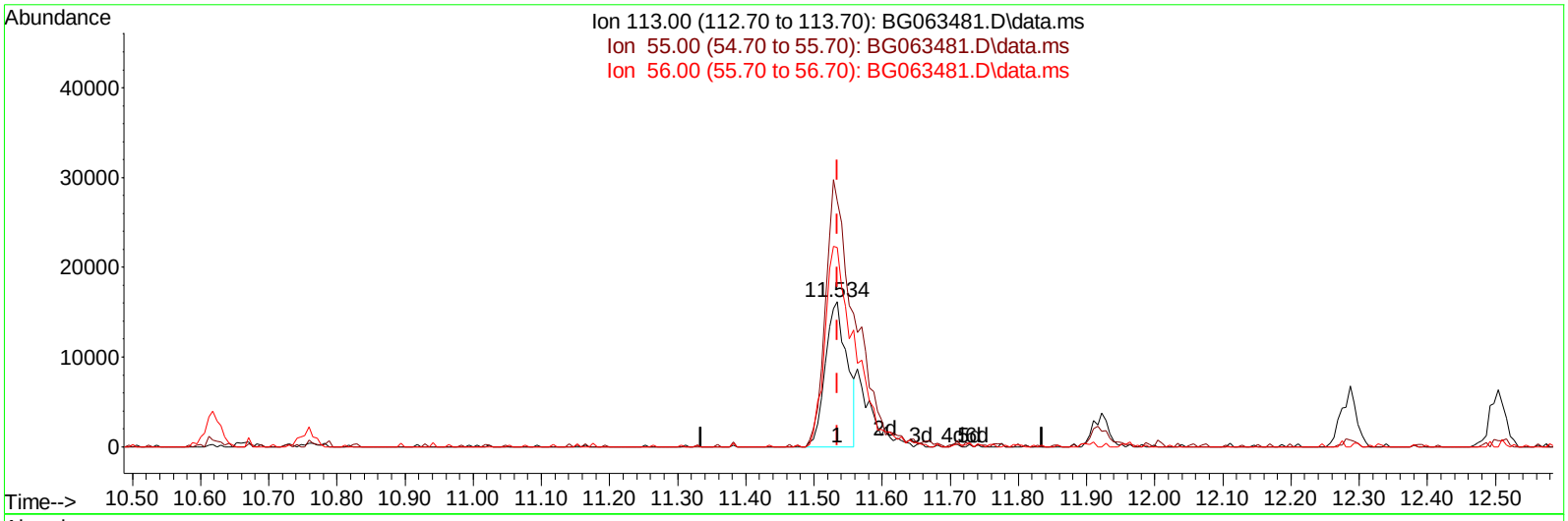
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112024\
Data File : BG063481.D
Acq On : 20 Nov 2024 12:15
Operator : RC/JU
Sample : SSTD02078
Misc :
ALS Vial : 4 Sample Multiplier: 1

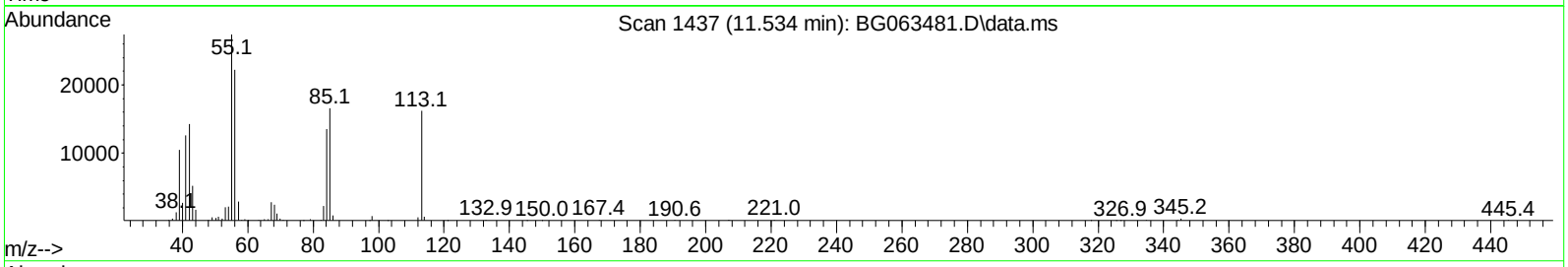
Quant Time: Nov 20 13:33:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 13:32:55 2024
Response via : Initial Calibration

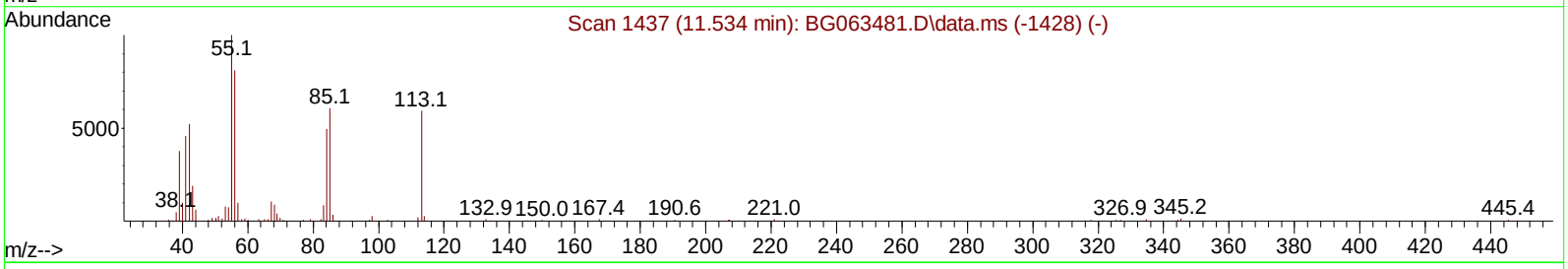
Instrument :
BNA_G
ClientSampleId :
SSTD020419

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/22/2024
Supervised By :mohammad ahmed 11/22/2024







TIC: BG063481.D\data.ms

(34) Caprolactam

11.534min (0.000) 12.71 ng/ul

response 36006

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	168.97
56.00	137.20	137.16
0.00	0.00	0.00

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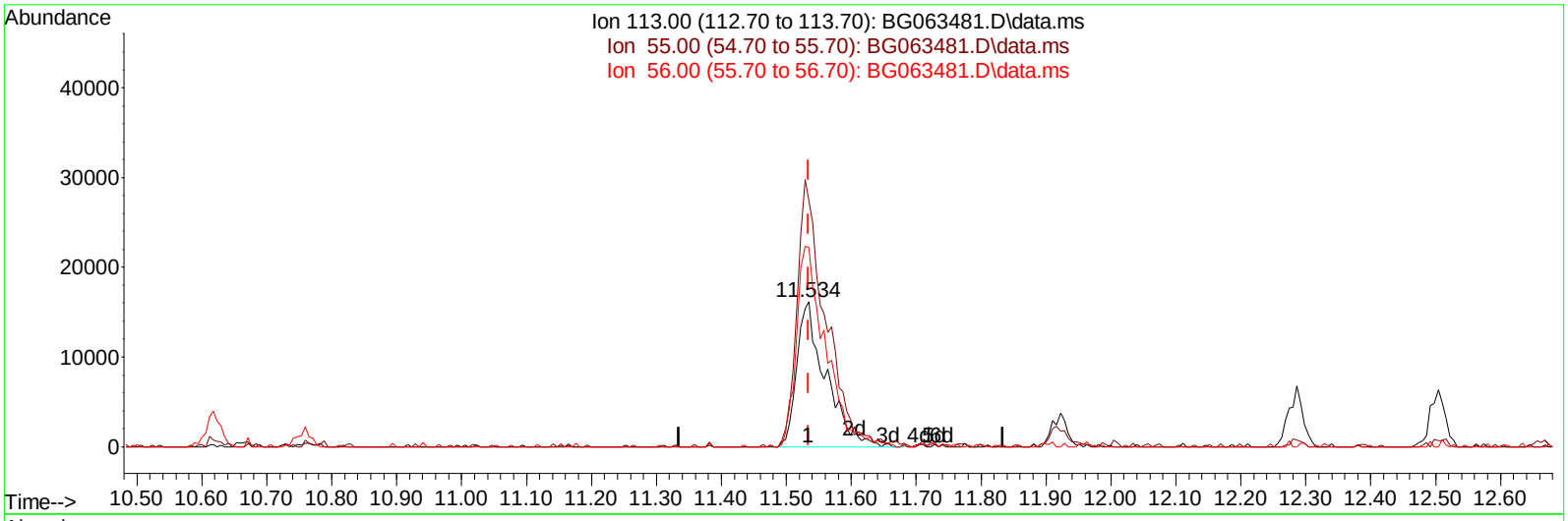

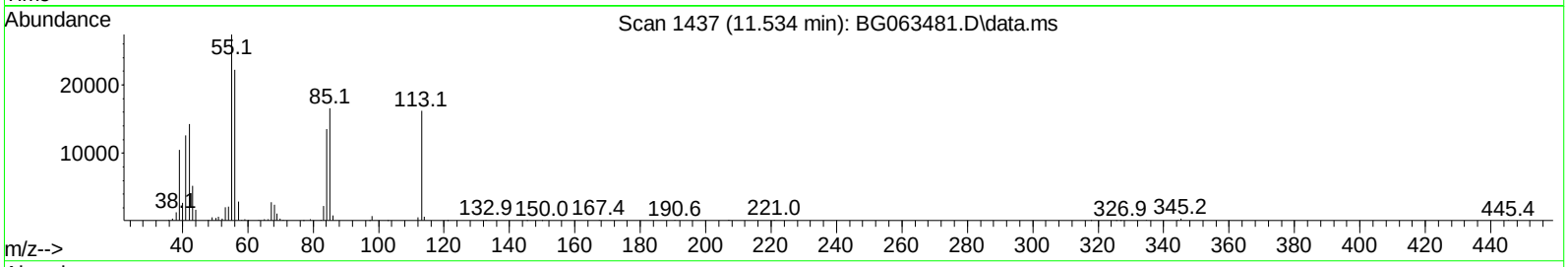

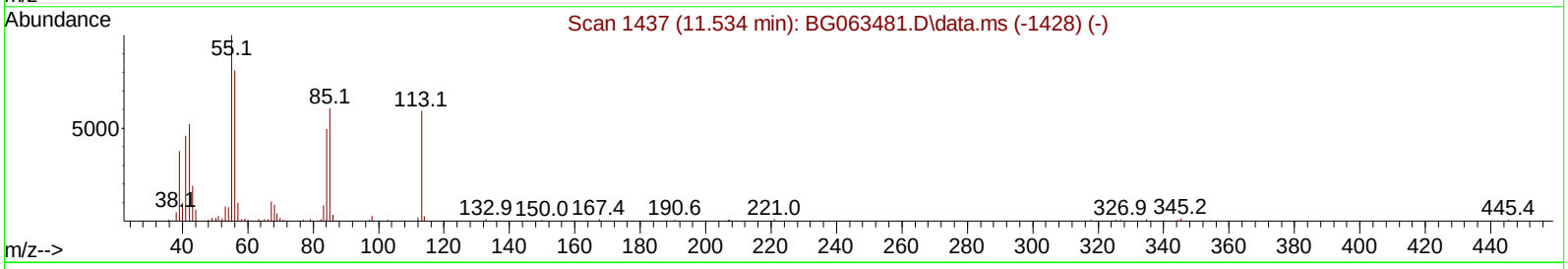

TIC: BG063481.D\data.ms

(34) Caprolactam

11.534min (0.000) 17.59 ng/ul m

response 49824

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	168.97
56.00	137.20	137.16
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	7.833	152	102084	20.000	ng/ul	0.00
20) Naphthalene-d8	10.618	136	423472	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.472	164	332670	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	798503	20.000	ng/ul	0.00
79) Chrysene-d12	21.482	240	871478	20.000	ng/ul	0.00
88) Perylene-d12	24.525	264	939052	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	21063	9.198	ng/uL	0.00
4) Pyridine-d5	3.708	84	170632	22.425	ng/ul	0.00
7) Phenol-d5	7.004	99	181582	19.907	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.163	67	115220	21.105	ng/ul	0.00
11) 2-Chlorophenol-d4	7.369	132	126690	21.277	ng/ul	0.00
15) 4-Methylphenol-d8	8.544	113	148343	19.175	ng/ul	0.00
21) Nitrobenzene-d5	8.984	128	67672	22.196	ng/ul	0.00
24) 2-Nitrophenol-d4	9.707	143	80921	20.828	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.254	165	158434	20.785	ng/ul	0.00
31) 4-Chloroaniline-d4	10.759	131	199040	20.197	ng/ul	0.00
46) Dimethylphthalate-d6	13.879	166	499736	19.464	ng/ul	0.00
49) Acenaphthylene-d8	14.167	160	561313	21.650	ng/ul	0.00
54) 4-Nitrophenol-d4	14.690	143	70635	19.785	ng/ul	0.00
60) Fluorene-d10	15.465	176	442398	20.219	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	92346	18.589	ng/ul	0.00
73) Anthracene-d10	17.322	188	773383	22.141	ng/ul	0.00
81) Pyrene-d10	19.625	212	989275	22.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.319	264	1003936	21.780	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	26160	9.331	ng/uL	100
5) Pyridine	3.726	79	175388	22.681	ng/ul	100
6) Benzaldehyde	6.975	77	121233	24.638	ng/ul	100
8) Phenol	7.034	94	193767	19.485	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.257	93	143736	21.003	ng/ul	100
12) 2-Chlorophenol	7.398	128	134327	20.907	ng/ul	100
13) 2-Methylphenol	8.279	108	141694	19.540	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.350	45	209937	23.483	ng/ul	100
16) Acetophenone	8.650	105	237275	19.325	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.632	70	134047	18.816	ng/ul	100
18) 4-Methylphenol	8.608	108	164043	19.652	ng/ul	100
19) Hexachloroethane	8.902	117	59163	22.585	ng/ul	100
22) Nitrobenzene	9.026	77	203196	21.820	ng/ul	100
23) Isophorone	9.549	82	367095	19.260	ng/ul	100
25) 2-Nitrophenol	9.737	139	80735	21.148	ng/ul	100
26) 2,4-Dimethylphenol	9.807	107	175924	21.153	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.030	93	204912	21.742	ng/ul	100
29) 2,4-Dichlorophenol	10.277	162	153852	21.443	ng/ul	100
30) Naphthalene	10.671	128	473946	21.611	ng/ul	100
32) 4-Chloroaniline	10.782	127	186740	19.869	ng/ul	100
33) Hexachlorobutadiene	10.959	225	128125	19.097	ng/ul	100
34) Caprolactam	11.534	113	49824m	17.587	ng/ul	
35) 4-Chloro-3-methylphenol	11.916	107	155459	18.741	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.287	142	334262	19.721	ng/ul	100
37) 1-Methylnaphthalene	12.504	142	346402	19.730	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.657	216	249365	21.023	ng/ul	100
40) Hexachlorocyclopentadiene	12.639	237	94938	15.404	ng/ul	100
41) 2,4,6-Trichlorophenol	12.903	196	135623	21.293	ng/ul	100
42) 2,4,5-Trichlorophenol	12.980	196	147125	21.315	ng/ul	100
43) 1,1'-Biphenyl	13.297	154	487064	22.502	ng/ul	100
44) 2-Chloronaphthalene	13.338	162	381044	22.527	ng/ul	100
45) 2-Nitroaniline	13.550	65	125104	21.892	ng/ul	100
47) Dimethylphthalate	13.926	163	479095	19.375	ng/ul	100
48) 2,6-Dinitrotoluene	14.049	165	99634	20.787	ng/ul	100
50) Acenaphthylene	14.190	152	577116	22.220	ng/ul	100
51) 3-Nitroaniline	14.378	138	91129	22.016	ng/ul	100
52) Acenaphthene	14.537	153	410804	22.147	ng/ul	100
53) 2,4-Dinitrophenol	14.596	184	38004	12.370	ng/ul	100
55) 4-Nitrophenol	14.701	109	87580	19.195	ng/ul	100
56) Dibenzofuran	14.872	168	588755	21.004	ng/ul	100
57) 2,4-Dinitrotoluene	14.842	165	153119	20.253	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.107	232	139570	19.852	ng/ul	100
59) Diethylphthalate	15.295	149	491396	19.466	ng/ul	100
61) Fluorene	15.524	166	494771	20.931	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.518	204	293916	19.682	ng/ul	100
63) 4-Nitroaniline	15.547	138	102468	24.150	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.612	198	98750	19.136	ng/ul	100
67) N-Nitrosodiphenylamine	15.730	169	426271	23.182	ng/ul	100
68) 4-Bromophenyl-phenylether	16.411	248	198973	21.512	ng/ul	100
69) Hexachlorobenzene	16.534	284	205296	20.923	ng/ul	100
70) Atrazine	16.687	200	202168	20.775	ng/ul	100
71) Pentachlorophenol	16.887	266	91200	18.089	ng/ul	100
72) Phenanthrene	17.269	178	845126	22.643	ng/ul	100
74) Anthracene	17.357	178	863154	22.577	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.268	216	253458	23.637	ng/ul	100
76) Pentachlorobenzene	14.795	250	256114	22.662	ng/ul	100
77) Carbazole	17.627	167	747208	23.553	ng/ul	100
78) Di-n-butylphthalate	18.191	149	852578	23.465	ng/ul	100
80) Fluoranthene	19.290	202	1099449	22.759	ng/ul	100
82) Pyrene	19.654	202	1213393	23.465	ng/ul	100
83) Butylbenzylphthalate	20.547	149	376498	24.401	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.388	252	432693	22.856	ng/ul	100
85) Benzo(a)anthracene	21.464	228	1263068	22.500	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.382	149	547653	24.459	ng/ul	100
87) Chrysene	21.529	228	1186438	22.596	ng/ul	100
89) Di-n-octyl phthalate	22.527	149	953462	24.619	ng/ul	100
90) Benzo(b)fluoranthene	23.562	252	1229073	21.611	ng/ul	100
91) Benzo(k)fluoranthene	23.626	252	1311983	22.680	ng/ul	100
93) Benzo(a)pyrene	24.378	252	1168608	21.996	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.951	276	1452314	22.170	ng/ul	100
95) Dibenzo(a,h)anthracene	28.003	278	1195587	22.243	ng/ul	100
96) Benzo(g,h,i)perylene	29.014	276	1101534	22.235	ng/ul	100

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

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