Quantitation Report (Qedit)

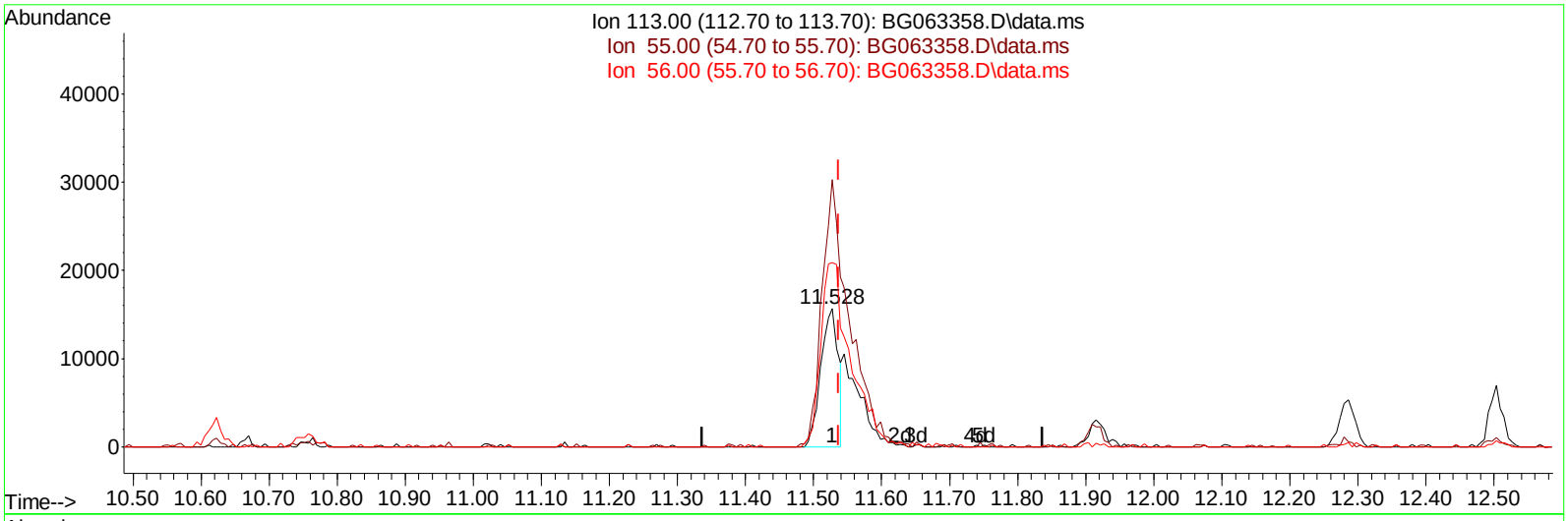
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111324\
Data File : BG063358.D
Acq On : 13 Nov 2024 17:26
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

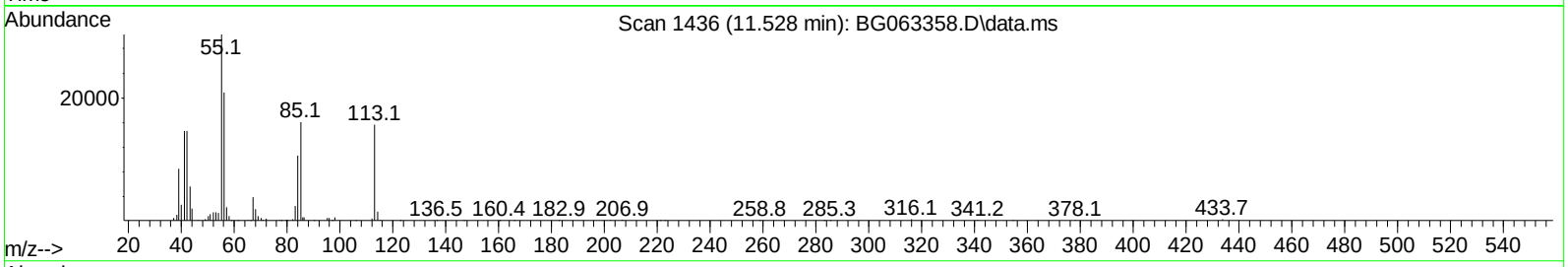
Quant Time: Nov 13 17:56:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

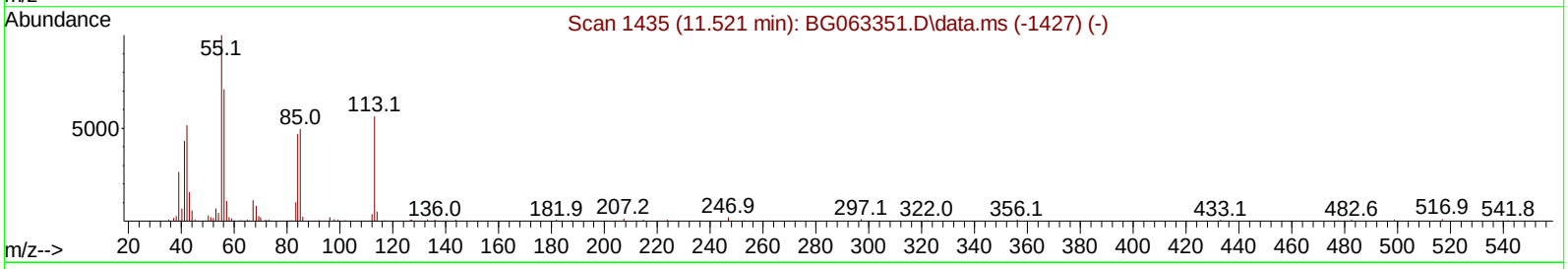
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/18/2024







TIC: BG063358.D\data.ms

(34) Caprolactam

11.528min (-0.009) 10.30 ng/ul

response 28075

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	193.33#
56.00	105.40	133.52#
0.00	0.00	0.00

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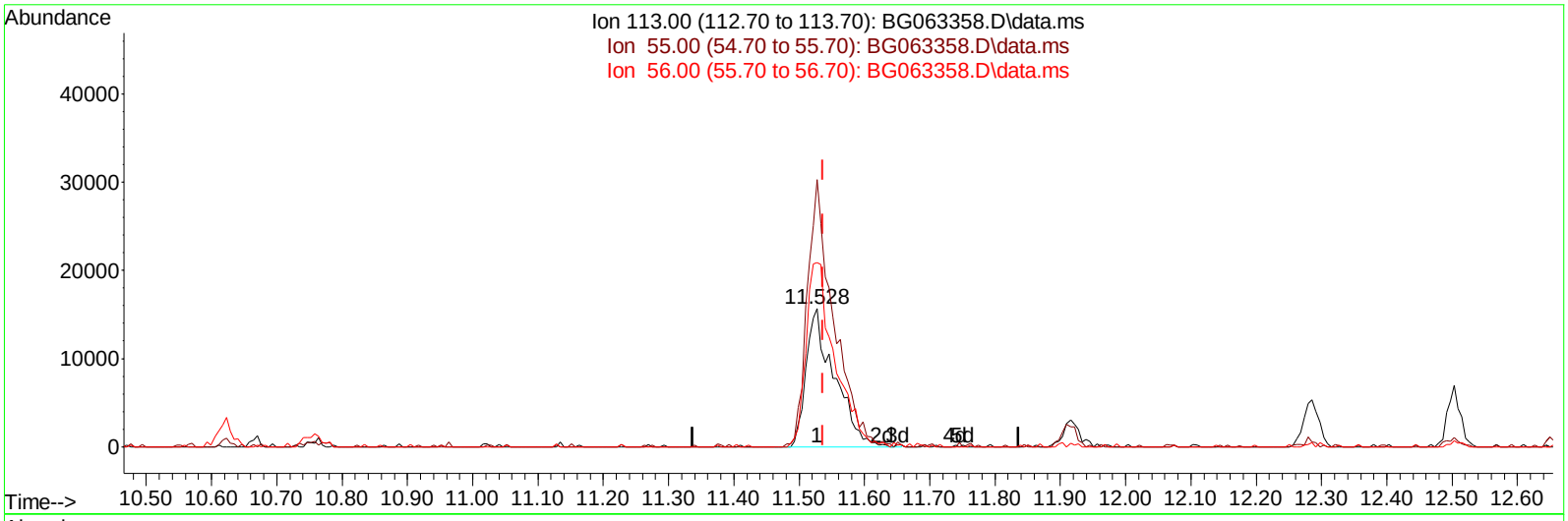

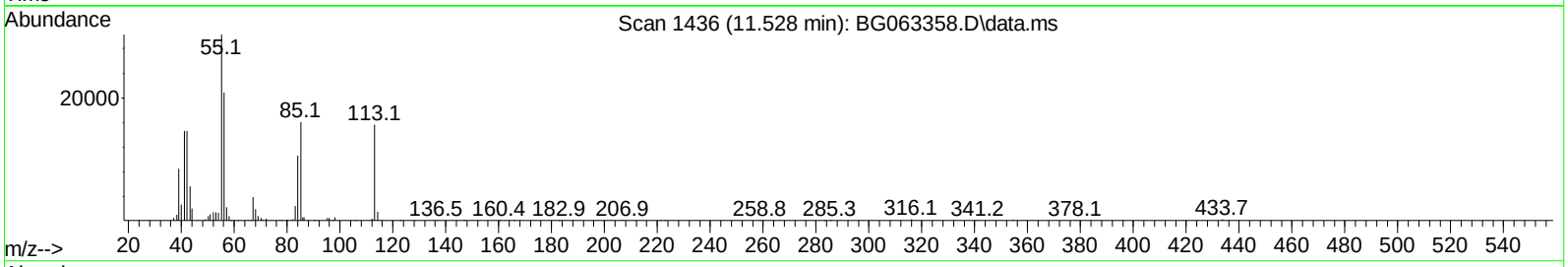

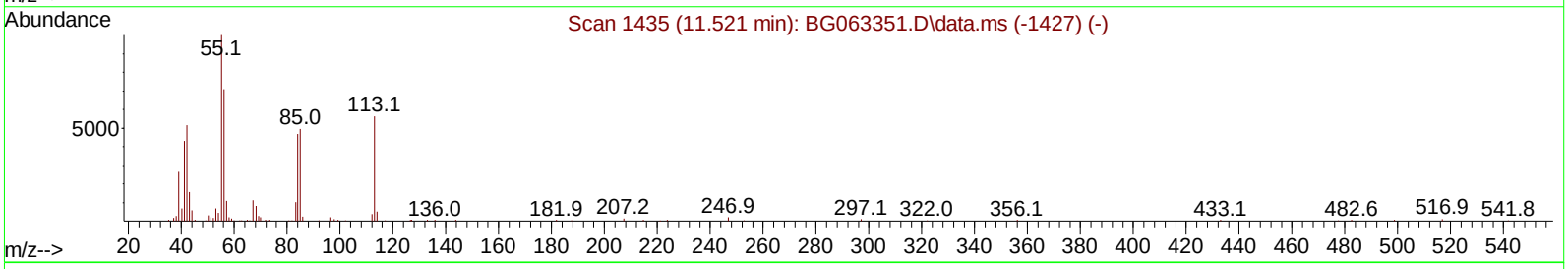

TIC: BG063358.D\data.ms

(34) Caprolactam

11.528min (-0.009) 17.35 ng/ul m

response 47289

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	193.33#
56.00	105.40	133.52#
0.00	0.00	0.00

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Misc :
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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	7.832	152	92534	20.000	ng/ul	0.00
20) Naphthalene-d8	10.623	136	390044	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.471	164	329053	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.221	188	850336	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.475	240	890665	20.000	ng/ul	# 0.00
88) Perylene-d12	24.507	264	965064	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	18021	8.806	ng/uL	0.00
4) Pyridine-d5	3.707	84	128004	18.925	ng/ul	0.00
7) Phenol-d5	7.004	99	152702	18.288	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.162	67	96393	19.681	ng/ul	0.00
11) 2-Chlorophenol-d4	7.368	132	114528	21.132	ng/ul	0.00
15) 4-Methylphenol-d8	8.543	113	134014	18.936	ng/ul	0.00
21) Nitrobenzene-d5	8.984	128	58424	21.306	ng/ul	0.00
24) 2-Nitrophenol-d4	9.706	143	73829	20.832	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.247	165	149198	21.452	ng/ul	0.00
31) 4-Chloroaniline-d4	10.752	131	180454	19.920	ng/ul	0.00
46) Dimethylphthalate-d6	13.878	166	476246	18.477	ng/ul	0.00
49) Acenaphthylene-d8	14.160	160	544464	21.582	ng/ul	0.00
54) 4-Nitrophenol-d4	14.683	143	72669	20.592	ng/ul	0.00
60) Fluorene-d10	15.464	176	446448	20.523	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.594	200	107327	20.083	ng/ul	0.00
73) Anthracene-d10	17.321	188	795810	21.775	ng/ul	0.00
81) Pyrene-d10	19.618	212	999924	22.392	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.301	264	975738	20.941	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	21896	8.691	ng/uL#	89
5) Pyridine	3.725	79	136902	19.837	ng/ul	98
6) Benzaldehyde	6.968	77	109419	23.710	ng/ul	98
8) Phenol	7.033	94	170701	18.760	ng/ul	89
10) Bis(2-Chloroethyl)ether	7.256	93	121692	19.665	ng/ul	95
12) 2-Chlorophenol	7.397	128	115454	19.915	ng/ul#	90
13) 2-Methylphenol	8.279	108	127570	19.193	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.349	45	174502	22.310	ng/ul#	92
16) Acetophenone	8.649	105	212990	18.691	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.631	70	119142	17.925	ng/ul	97
18) 4-Methylphenol	8.602	108	146779	19.421	ng/ul	98
19) Hexachloroethane	8.907	117	50826	21.635	ng/ul	92
22) Nitrobenzene	9.025	77	176815	20.912	ng/ul	97
23) Isophorone	9.548	82	337100	18.890	ng/ul	98
25) 2-Nitrophenol	9.736	139	74937	21.390	ng/ul	94
26) 2,4-Dimethylphenol	9.800	107	159564	20.880	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.029	93	178379	20.735	ng/ul	92
29) 2,4-Dichlorophenol	10.276	162	139272	21.241	ng/ul	92
30) Naphthalene	10.670	128	419762	21.033	ng/ul	98
32) 4-Chloroaniline	10.781	127	170529	19.668	ng/ul	96
33) Hexachlorobutadiene	10.958	225	122557	19.530	ng/ul	99
34) Caprolactam	11.528	113	47289m	17.353	ng/ul	
35) 4-Chloro-3-methylphenol	11.915	107	151617	19.271	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.286	142	315703	19.959	ng/ul	98
37) 1-Methylnaphthalene	12.503	142	322270	19.592	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.656	216	246386	21.241	ng/ul	96
40) Hexachlorocyclopentadiene	12.638	237	120677	19.053	ng/ul	97
41) 2,4,6-Trichlorophenol	12.897	196	132754	21.202	ng/ul	98
42) 2,4,5-Trichlorophenol	12.979	196	147674	21.750	ng/ul	98
43) 1,1'-Biphenyl	13.296	154	453016	21.720	ng/ul	98
44) 2-Chloronaphthalene	13.337	162	353758	21.786	ng/ul	99
45) 2-Nitroaniline	13.543	65	120987	21.842	ng/ul	93
47) Dimethylphthalate	13.925	163	468223	18.946	ng/ul	98
48) 2,6-Dinitrotoluene	14.048	165	96789	20.466	ng/ul	99
50) Acenaphthylene	14.189	152	548658	21.832	ng/ul	98
51) 3-Nitroaniline	14.377	138	96215	23.308	ng/ul	91
52) Acenaphthene	14.536	153	384129	21.356	ng/ul	97
53) 2,4-Dinitrophenol	14.595	184	62853	20.158	ng/ul	88
55) 4-Nitrophenol	14.695	109	81119	17.686	ng/ul	92
56) Dibenzofuran	14.871	168	575210	20.891	ng/ul	99
57) 2,4-Dinitrotoluene	14.836	165	147400	19.707	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.100	232	136803	19.455	ng/ul#	90
59) Diethylphthalate	15.294	149	475346	18.760	ng/ul	98
61) Fluorene	15.523	166	496364	21.300	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.511	204	299843	20.021	ng/ul	97
63) 4-Nitroaniline	15.541	138	100626	24.085	ng/ul	85
66) 4,6-Dinitro-2-methylph...	15.605	198	114237	20.598	ng/ul#	97
67) N-Nitrosodiphenylamine	15.729	169	413398	21.793	ng/ul	97
68) 4-Bromophenyl-phenylether	16.410	248	197006	20.266	ng/ul	93
69) Hexachlorobenzene	16.528	284	212738	20.542	ng/ul	96
70) Atrazine	16.680	200	208126	20.056	ng/ul	98
71) Pentachlorophenol	16.874	266	92715	17.858	ng/ul	91
72) Phenanthrene	17.262	178	859241	22.116	ng/ul	98
74) Anthracene	17.356	178	872054	21.911	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.267	216	243361	22.132	ng/ul	96
76) Pentachlorobenzene	14.794	250	250715	21.381	ng/ul	97
77) Carbazole	17.626	167	752374	22.769	ng/ul	97
78) Di-n-butylphthalate	18.190	149	858448	22.839	ng/ul	97
80) Fluoranthene	19.283	202	1124099	23.289	ng/ul#	98
82) Pyrene	19.648	202	1183637	23.135	ng/ul#	96
83) Butylbenzylphthalate	20.547	149	373758	24.996	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.375	252	439725	22.960	ng/ul#	99
85) Benzo(a)anthracene	21.457	228	1248766	22.166	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.375	149	540614	24.822	ng/ul	99
87) Chrysene	21.516	228	1166269	22.204	ng/ul	98
89) Di-n-octyl phthalate	22.515	149	908629	23.892	ng/ul	100
90) Benzo(b)fluoranthene	23.549	252	1214011	20.908	ng/ul#	99
91) Benzo(k)fluoranthene	23.608	252	1222223	21.133	ng/ul#	99
93) Benzo(a)pyrene	24.366	252	1119956	20.852	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	27.920	276	1374521	20.864	ng/ul	96
95) Dibenzo(a,h)anthracene	27.973	278	1120529	20.862	ng/ul#	97
96) Benzo(g,h,i)perylene	28.984	276	1048438	20.990	ng/ul#	97

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

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