Quantitation Report (Qedit)

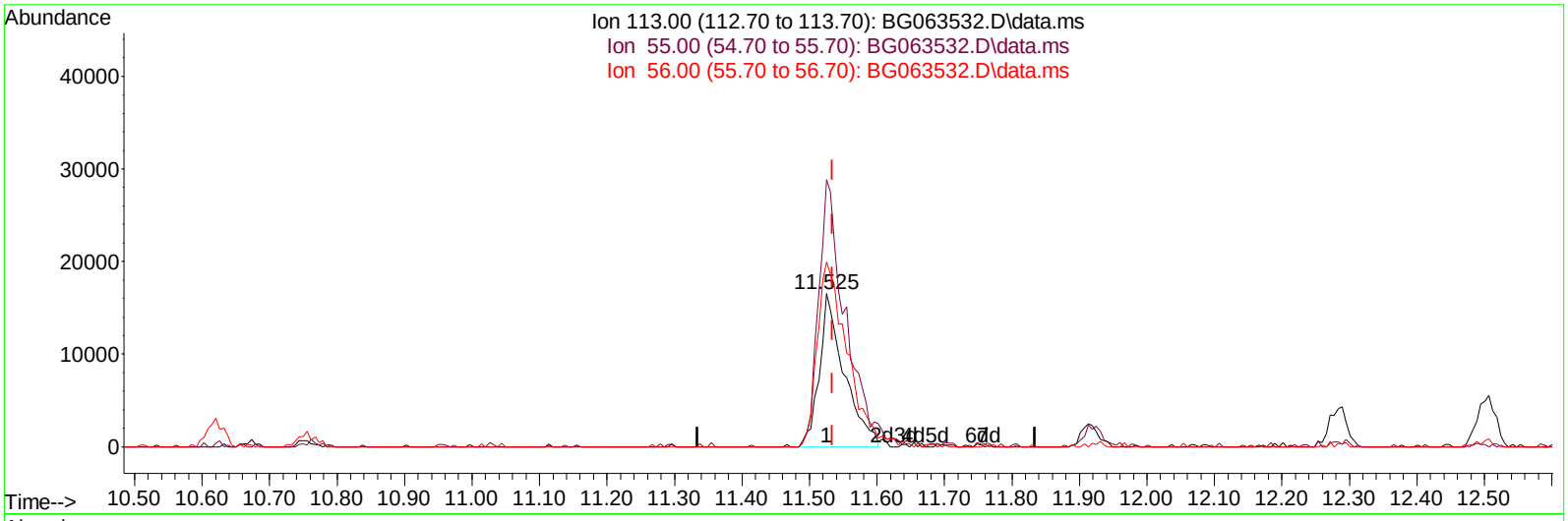
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112224\
Data File : BG063532.D
Acq On : 22 Nov 2024 23:26
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

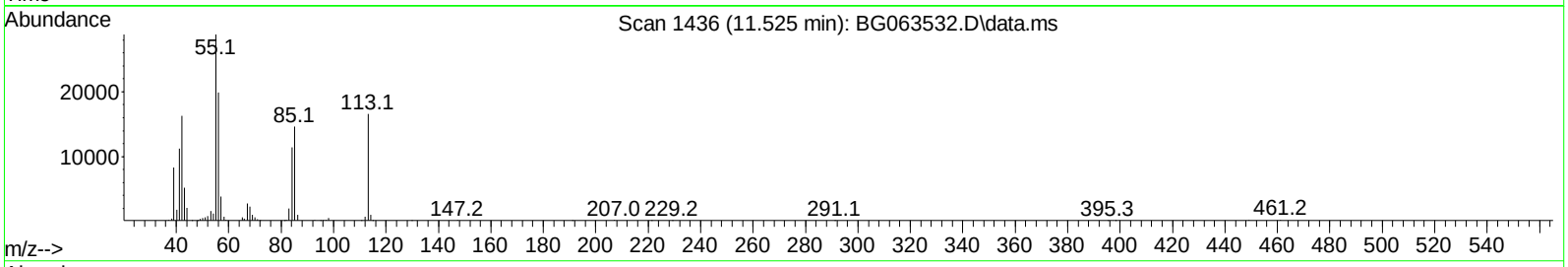
Quant Time: Nov 23 00:44:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

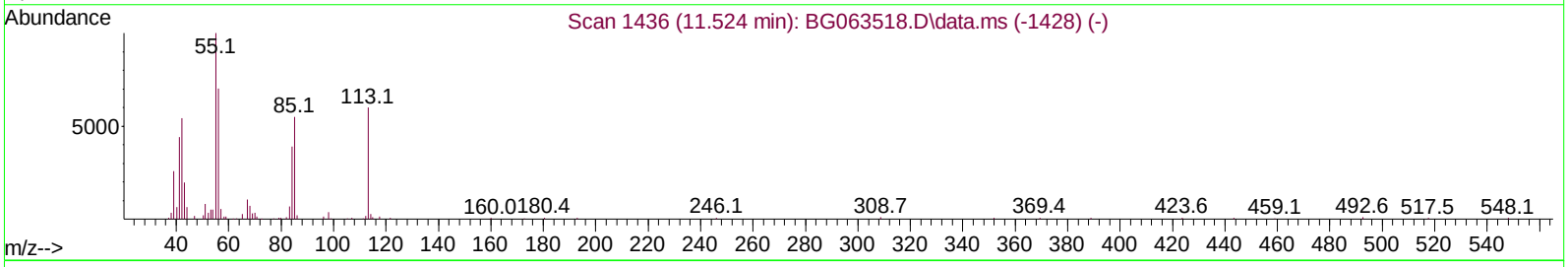
Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/25/2024
Supervised By :mohammad ahmed 11/27/2024







TIC: BG063532.D\data.ms

(34) Caprolactam

11.525min (-0.009) 20.07 ng/ul

response 42319

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	174.31
56.00	137.20	120.51
0.00	0.00	0.00

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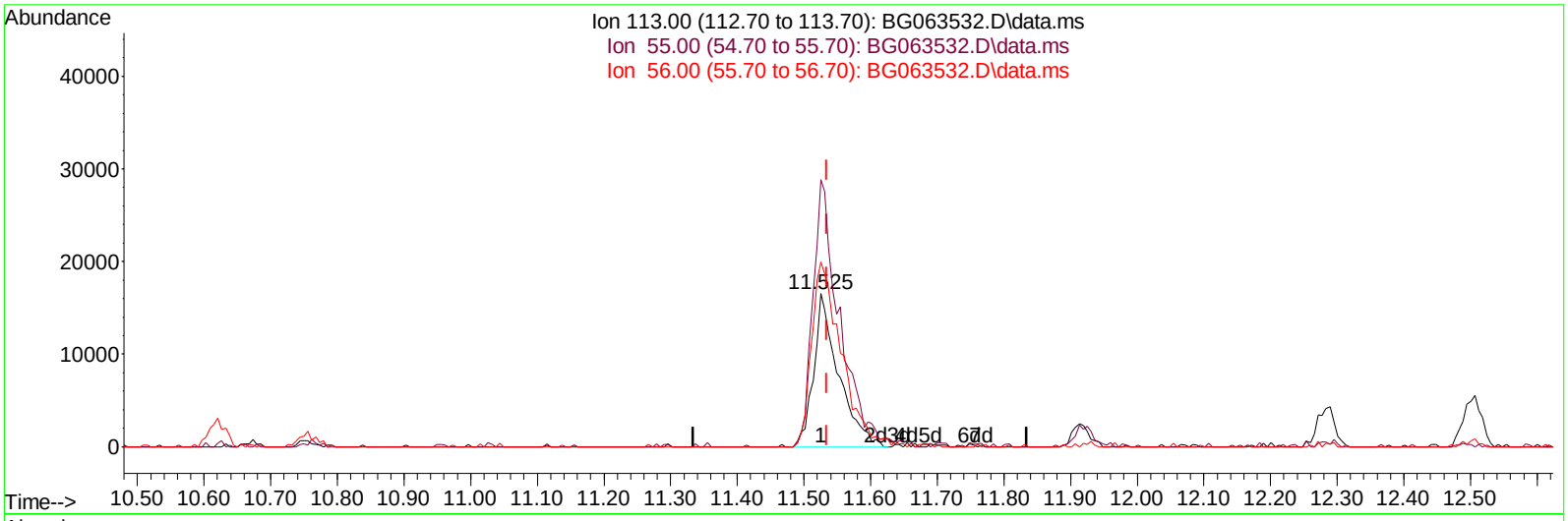

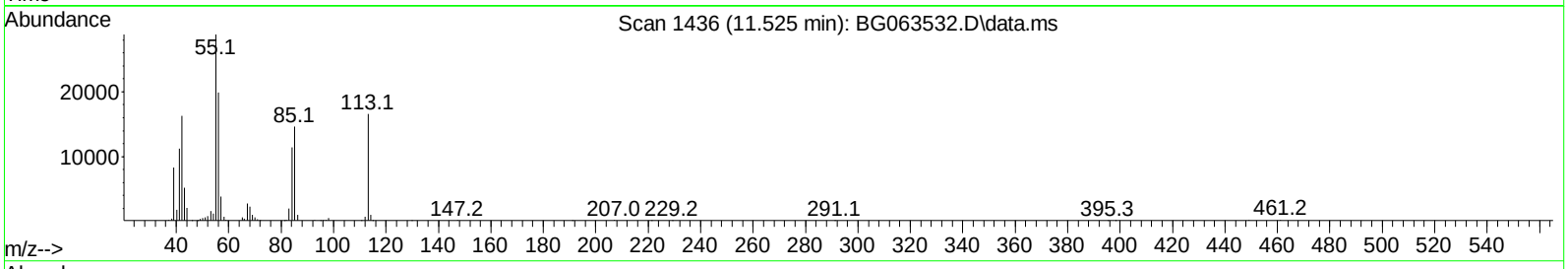

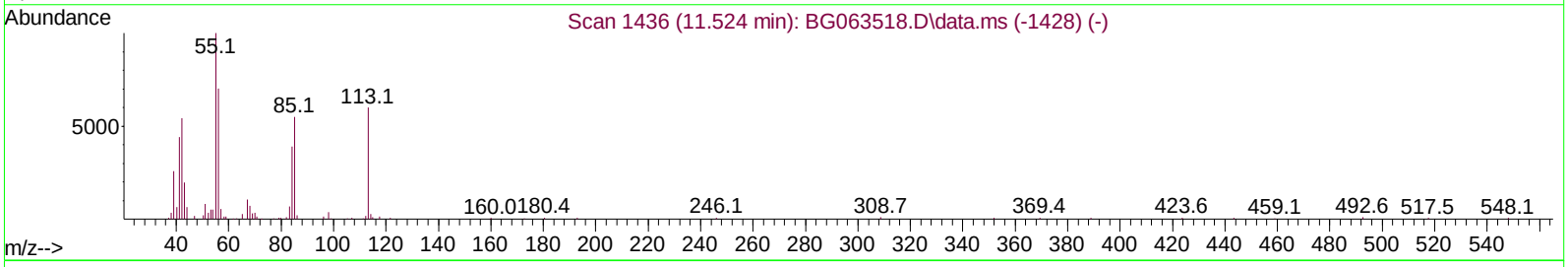

TIC: BG063532.D\data.ms

(34) Caprolactam

11.525min (-0.009) 20.30 ng/ul m

response 42818

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	174.31
56.00	137.20	120.51
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	7.830	152	90149	20.000	ng/ul	0.00
20) Naphthalene-d8	10.621	136	378255	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.469	164	303483	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	763609	20.000	ng/ul	0.00
79) Chrysene-d12	21.484	240	838799	20.000	ng/ul	0.00
88) Perylene-d12	24.528	264	913859	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.294	96	19337	8.466	ng/uL	0.00
4) Pyridine-d5	3.699	84	127116	17.756	ng/ul	0.00
7) Phenol-d5	7.007	99	151810	20.475	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.160	67	99074	20.834	ng/ul	0.00
11) 2-Chlorophenol-d4	7.366	132	107527	20.464	ng/ul	0.00
15) 4-Methylphenol-d8	8.541	113	131710	21.258	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	58146	21.406	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	70867	21.119	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	137254	21.429	ng/ul	0.00
31) 4-Chloroaniline-d4	10.756	131	167843	20.718	ng/ul	0.00
46) Dimethylphthalate-d6	13.876	166	448894	21.789	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	503630	21.437	ng/ul	0.00
54) 4-Nitrophenol-d4	14.692	143	62652	20.467	ng/ul	0.00
60) Fluorene-d10	15.468	176	407136	21.749	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	87695	20.427	ng/ul	0.00
73) Anthracene-d10	17.324	188	713251	21.500	ng/ul	0.00
81) Pyrene-d10	19.628	212	931249	22.148	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.322	264	948433	21.397	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.329	88	22606	8.382	ng/uL	100
5) Pyridine	3.717	79	138585	19.024	ng/ul	93
6) Benzaldehyde	6.966	77	108717	25.618	ng/ul	97
8) Phenol	7.031	94	162531	20.103	ng/ul#	94
10) Bis(2-Chloroethyl)ether	7.254	93	121180	20.766	ng/ul	96
12) 2-Chlorophenol	7.395	128	114892	20.486	ng/ul	93
13) 2-Methylphenol	8.276	108	125098	20.797	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.347	45	177053	20.711	ng/ul	98
16) Acetophenone	8.646	105	206621	21.112	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.629	70	114404	20.917	ng/ul	94
18) 4-Methylphenol	8.605	108	136999	20.765	ng/ul	87
19) Hexachloroethane	8.905	117	50793	20.970	ng/ul	97
22) Nitrobenzene	9.028	77	178226	21.388	ng/ul	96
23) Isophorone	9.545	82	320988	21.095	ng/ul	100
25) 2-Nitrophenol	9.739	139	69118	20.761	ng/ul	98
26) 2,4-Dimethylphenol	9.798	107	150465	20.966	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.033	93	172024	20.422	ng/ul#	98
29) 2,4-Dichlorophenol	10.274	162	133110	21.272	ng/ul	96
30) Naphthalene	10.668	128	406262	21.011	ng/ul	97
32) 4-Chloroaniline	10.779	127	157267	20.316	ng/ul	95
33) Hexachlorobutadiene	10.961	225	115581	20.707	ng/ul	94
34) Caprolactam	11.525	113	42818m	20.302	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	135859	21.332	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.283	142	292241	21.293	ng/ul	95
37) 1-Methylnaphthalene	12.507	142	310414	21.540	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.659	216	220315	20.658	ng/ul	97
40) Hexachlorocyclopentadiene	12.636	237	82958	18.237	ng/ul	97
41) 2,4,6-Trichlorophenol	12.900	196	118909	20.320	ng/ul	93
42) 2,4,5-Trichlorophenol	12.983	196	125038	20.705	ng/ul	98
43) 1,1'-Biphenyl	13.300	154	419968	20.851	ng/ul	99
44) 2-Chloronaphthalene	13.341	162	332935	21.037	ng/ul	96
45) 2-Nitroaniline	13.552	65	108104	21.672	ng/ul	98
47) Dimethylphthalate	13.923	163	427349	21.290	ng/ul#	98
48) 2,6-Dinitrotoluene	14.046	165	90187	22.146	ng/ul#	82
50) Acenaphthylene	14.193	152	503968	21.338	ng/ul	96
51) 3-Nitroaniline	14.375	138	81898	21.958	ng/ul	98
52) Acenaphthene	14.540	153	361829	21.211	ng/ul	99
53) 2,4-Dinitrophenol	14.598	184	35717	17.083	ng/ul	88
55) 4-Nitrophenol	14.704	109	73058	20.536	ng/ul	94
56) Dibenzofuran	14.874	168	534169	21.826	ng/ul	94
57) 2,4-Dinitrotoluene	14.845	165	139062	22.316	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.104	232	116192	20.247	ng/ul#	95
59) Diethylphthalate	15.292	149	440627	21.732	ng/ul	100
61) Fluorene	15.527	166	446362	21.426	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.521	204	272630	21.930	ng/ul	93
63) 4-Nitroaniline	15.550	138	87591	22.939	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.615	198	95823	20.889	ng/ul	98
67) N-Nitrosodiphenylamine	15.732	169	370617	20.443	ng/ul	92
68) 4-Bromophenyl-phenylether	16.414	248	183191	21.411	ng/ul	98
69) Hexachlorobenzene	16.537	284	195181	21.758	ng/ul#	88
70) Atrazine	16.684	200	187898	21.452	ng/ul	92
71) Pentachlorophenol	16.890	266	66637	15.885	ng/ul	95
72) Phenanthrene	17.266	178	787565	21.636	ng/ul	98
74) Anthracene	17.360	178	801327	21.558	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.265	216	222793	20.052	ng/ul	93
76) Pentachlorobenzene	14.798	250	228983	20.870	ng/ul	98
77) Carbazole	17.630	167	692678	22.460	ng/ul	98
78) Di-n-butylphthalate	18.194	149	788932	22.314	ng/ul	98
80) Fluoranthene	19.293	202	1038152	22.330	ng/ul	99
82) Pyrene	19.657	202	1091655	21.913	ng/ul	98
83) Butylbenzylphthalate	20.550	149	354002	21.897	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.390	252	416000	23.087	ng/ul	99
85) Benzo(a)anthracene	21.467	228	1188176	21.907	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.384	149	504319	21.462	ng/ul	100
87) Chrysene	21.531	228	1111816	21.923	ng/ul	97
89) Di-n-octyl phthalate	22.530	149	899626	22.187	ng/ul	100
90) Benzo(b)fluoranthene	23.570	252	1209563	22.045	ng/ul	100
91) Benzo(k)fluoranthene	23.629	252	1172087	21.288	ng/ul	98
93) Benzo(a)pyrene	24.387	252	1098935	21.400	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.965	276	1355536	21.282	ng/ul	99
95) Dibenzo(a,h)anthracene	28.018	278	1093006	20.990	ng/ul	96
96) Benzo(g,h,i)perylene	29.034	276	1019150	21.103	ng/ul	100

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

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