Quantitation Report (Qedit)

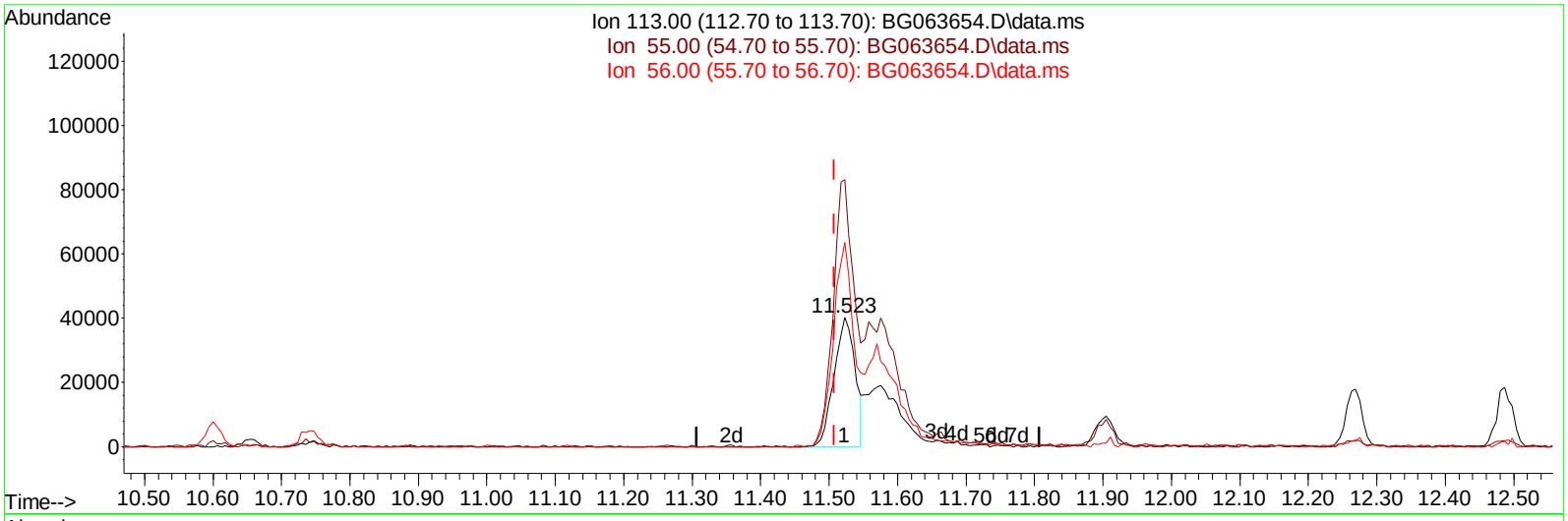
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121124\
Data File : BG063654.D
Acq On : 11 Dec 2024 16:36
Operator : RC/JU
Sample : SSTD04091
Misc :
ALS Vial : 6 Sample Multiplier: 1

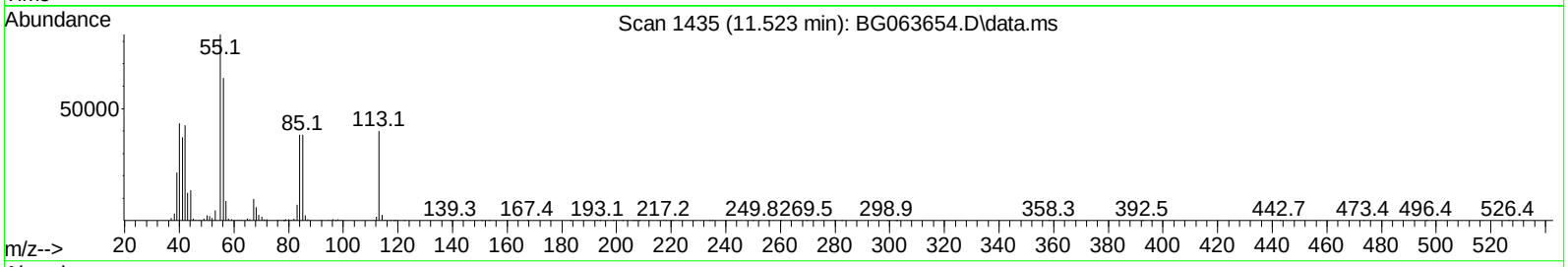
Quant Time: Dec 11 23:25:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:17:50 2024
Response via : Initial Calibration

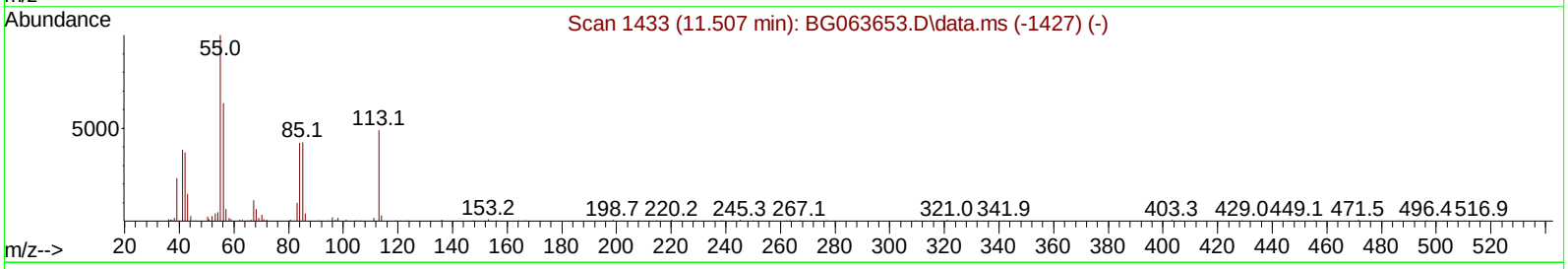
Instrument :
BNA_G
ClientSampleId :
SSTD040434

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024







TIC: BG063654.D\data.ms

(34) Caprolactam

11.523min (+ 0.015) 21.43 ng/ul

response 86871

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	206.67
56.00	133.90	158.33
0.00	0.00	0.00

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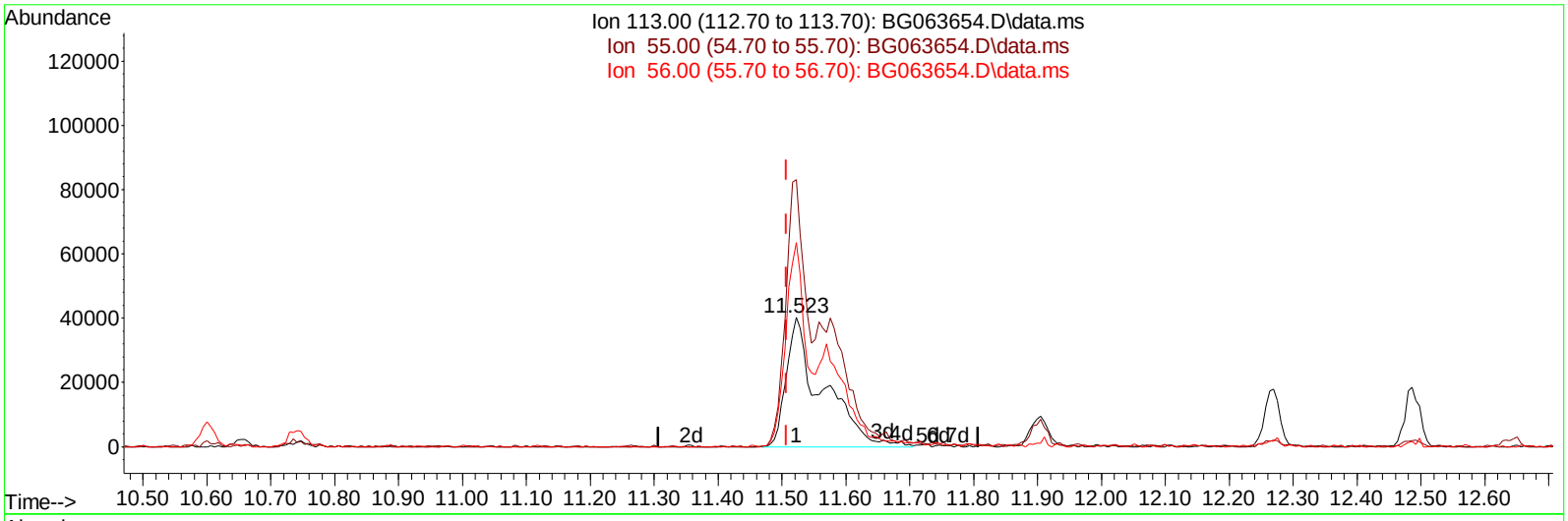

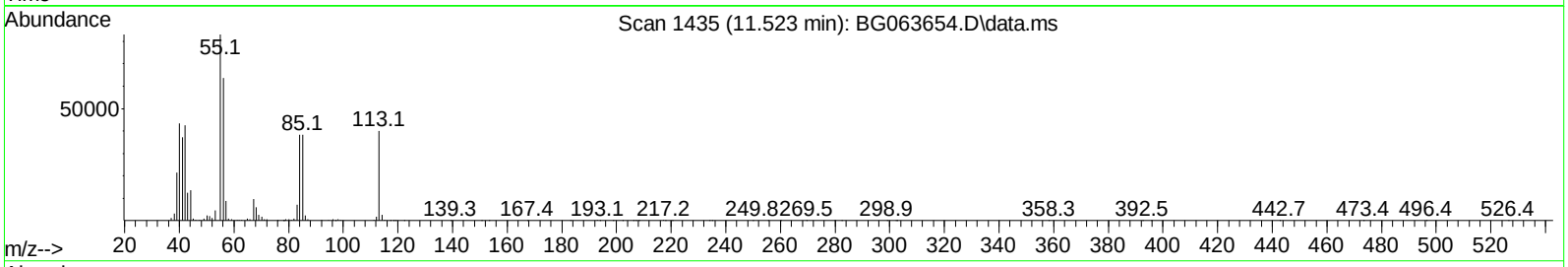

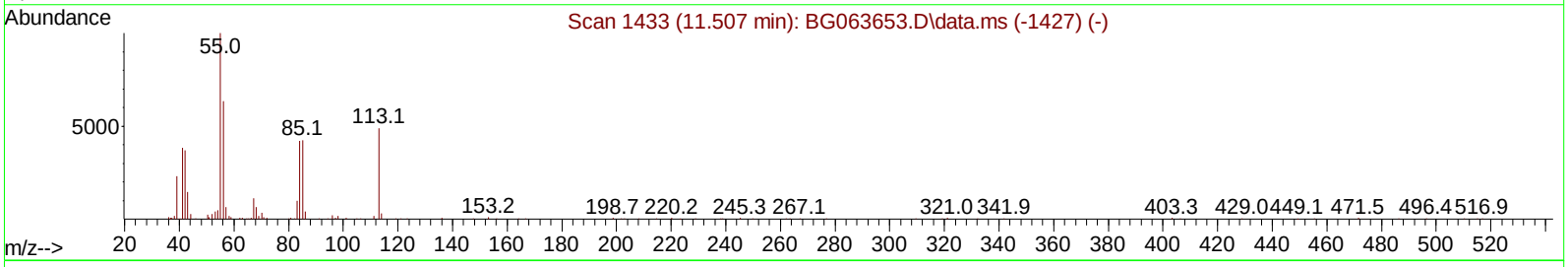

TIC: BG063654.D\data.ms

(34) Caprolactam

11.523min (+ 0.015) 38.83 ng/ul m

response 157442

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	206.67
56.00	133.90	158.33
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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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	7.815	152	161867	20.000	ng/ul	0.00
20) Naphthalene-d8	10.600	136	714363	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.455	164	521690	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	1256108	20.000	ng/ul	0.00
79) Chrysene-d12	21.464	240	1237332	20.000	ng/ul	0.00
88) Perylene-d12	24.484	264	1358189	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	62269	16.983	ng/uL	0.00
4) Pyridine-d5	3.679	84	514049	37.899	ng/ul	0.00
7) Phenol-d5	6.993	99	611239	38.353	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.146	67	407823	37.847	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	398786	42.478	ng/ul	0.00
15) 4-Methylphenol-d8	8.526	113	477365	40.399	ng/ul	0.00
21) Nitrobenzene-d5	8.967	128	212226	42.324	ng/ul	0.00
24) 2-Nitrophenol-d4	9.690	143	243656	42.464	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.230	165	463403	37.508	ng/ul	0.00
31) 4-Chloroaniline-d4	10.741	131	591060	39.587	ng/ul	0.00
46) Dimethylphthalate-d6	13.861	166	1426401	37.621	ng/ul	0.00
49) Acenaphthylene-d8	14.143	160	1640317	39.580	ng/ul	0.00
54) 4-Nitrophenol-d4	14.678	143	213079	43.889	ng/ul	0.00
60) Fluorene-d10	15.453	176	1267454	33.913	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.583	200	269578	37.990	ng/ul	0.00
73) Anthracene-d10	17.304	188	2130491	37.145	ng/ul	0.00
81) Pyrene-d10	19.607	212	2583493	37.669	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.278	264	2595583	38.050	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.309	88	74556	15.271	ng/uL#	88
5) Pyridine	3.702	79	552533	39.227	ng/ul	95
6) Benzaldehyde	6.952	77	386798	37.927	ng/ul	97
8) Phenol	7.022	94	656048	38.294	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.239	93	488486	41.270	ng/ul#	96
12) 2-Chlorophenol	7.381	128	404418	42.568	ng/ul	95
13) 2-Methylphenol	8.262	108	474239	39.670	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.332	45	734387	46.138	ng/ul	97
16) Acetophenone	8.632	105	810532	37.261	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.620	70	492564	39.744	ng/ul	91
18) 4-Methylphenol	8.591	108	526026	40.071	ng/ul	97
19) Hexachloroethane	8.885	117	191126	37.647	ng/ul	96
22) Nitrobenzene	9.014	77	719693	35.482	ng/ul	98
23) Isophorone	9.531	82	1312078	35.878	ng/ul	99
25) 2-Nitrophenol	9.719	139	256476	44.859	ng/ul	91
26) 2,4-Dimethylphenol	9.789	107	548914	35.232	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.013	93	705143	41.268	ng/ul	98
29) 2,4-Dichlorophenol	10.259	162	455116	36.749	ng/ul	97
30) Naphthalene	10.653	128	1440595	39.174	ng/ul	97
32) 4-Chloroaniline	10.765	127	556904	39.375	ng/ul	96
33) Hexachlorobutadiene	10.941	225	361454	28.286	ng/ul	97
34) Caprolactam	11.523	113	157442m	38.834	ng/ul	
35) 4-Chloro-3-methylphenol	11.905	107	537105	34.766	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.269	142	1022646	36.071	ng/ul	97
37) 1-Methylnaphthalene	12.486	142	1063947	37.013	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.639	216	681896	33.621	ng/ul	98
40) Hexachlorocyclopentadiene	12.616	237	276825	32.695	ng/ul	99
41) 2,4,6-Trichlorophenol	12.886	196	389398	38.930	ng/ul	92
42) 2,4,5-Trichlorophenol	12.962	196	427274	39.594	ng/ul	96
43) 1,1'-Biphenyl	13.285	154	1401631	40.475	ng/ul	95
44) 2-Chloronaphthalene	13.326	162	1130543	39.611	ng/ul	98
45) 2-Nitroaniline	13.532	65	407595	43.715	ng/ul	99
47) Dimethylphthalate	13.908	163	1456608	37.973	ng/ul	98
48) 2,6-Dinitrotoluene	14.032	165	280395	39.618	ng/ul	97
50) Acenaphthylene	14.173	152	1749914	40.152	ng/ul	98
51) 3-Nitroaniline	14.366	138	250329	41.968	ng/ul	95
52) Acenaphthene	14.519	153	1226120	38.746	ng/ul	97
53) 2,4-Dinitrophenol	14.584	184	133187	38.122	ng/ul	95
55) 4-Nitrophenol	14.690	109	221795	29.734	ng/ul	91
56) Dibenzofuran	14.854	168	1768605	36.162	ng/ul	97
57) 2,4-Dinitrotoluene	14.831	165	423920	37.979	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.089	232	363052	35.971	ng/ul	94
59) Diethylphthalate	15.277	149	1396163	37.352	ng/ul	96
61) Fluorene	15.506	166	1366371	34.300	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.500	204	774880	30.205	ng/ul	99
63) 4-Nitroaniline	15.530	138	258637	40.322	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.600	198	281959	39.796	ng/ul#	97
67) N-Nitrosodiphenylamine	15.718	169	1221126	41.511	ng/ul	97
68) 4-Bromophenyl-phenylether	16.393	248	519611	35.009	ng/ul	95
69) Hexachlorobenzene	16.517	284	554001	34.675	ng/ul	96
70) Atrazine	16.670	200	534630	38.881	ng/ul	97
71) Pentachlorophenol	16.869	266	242693	43.203	ng/ul	97
72) Phenanthrene	17.251	178	2436952	39.386	ng/ul	99
74) Anthracene	17.339	178	2478480	38.791	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.250	216	681740	38.457	ng/ul	97
76) Pentachlorobenzene	14.778	250	668464	36.093	ng/ul	98
77) Carbazole	17.616	167	2130924	41.628	ng/ul	99
78) Di-n-butylphthalate	18.174	149	2402769	43.969	ng/ul	99
80) Fluoranthene	19.272	202	2944821	38.205	ng/ul	99
82) Pyrene	19.637	202	3099195	37.823	ng/ul	95
83) Butylbenzylphthalate	20.530	149	964641	55.906	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.364	252	919097	43.392	ng/ul	95
85) Benzo(a)anthracene	21.441	228	3095853	37.100	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.358	149	1383621	53.335	ng/ul#	99
87) Chrysene	21.505	228	2942743	37.539	ng/ul	96
89) Di-n-octyl phthalate	22.492	149	2478226	52.211	ng/ul	100
90) Benzo(b)fluoranthene	23.532	252	3122498	37.009	ng/ul	99
91) Benzo(k)fluoranthene	23.591	252	3118872	37.189	ng/ul	100
93) Benzo(a)pyrene	24.349	252	2972272	37.561	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.904	276	3598451	37.697	ng/ul	97
95) Dibenzo(a,h)anthracene	27.945	278	2894585	37.809	ng/ul	97
96) Benzo(g,h,i)perylene	28.961	276	2826778	38.963	ng/ul	98

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

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