Quantitation Report (Qedit)

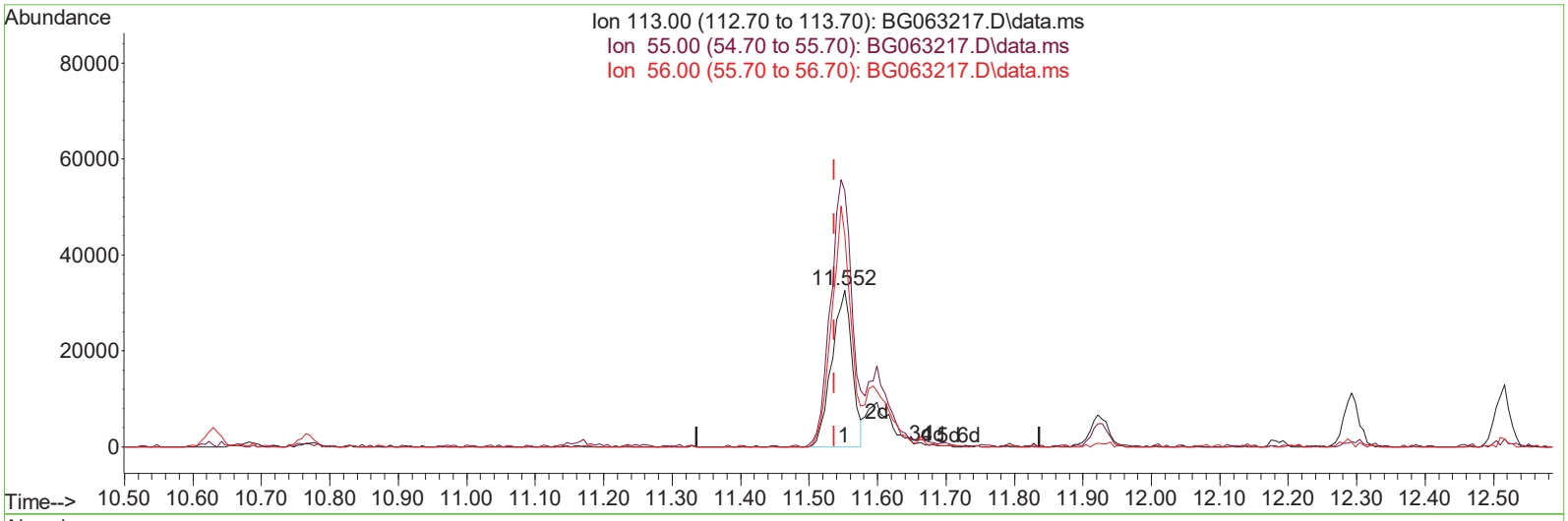
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110624\
Data File : BG063217.D
Acq On : 8 Nov 2024 00:31
Operator : RC/JU
Sample : P4604-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

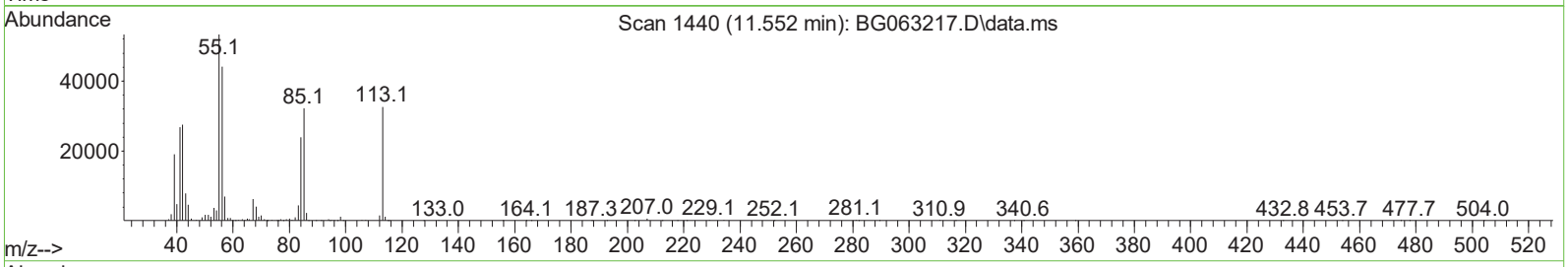
Quant Time: Nov 08 00:25:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

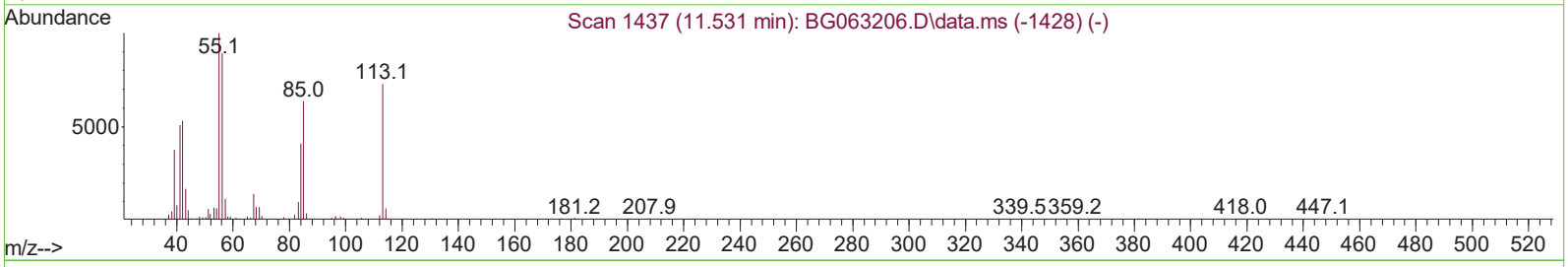
Instrument :
BNA_G
ClientSampleId :
A4ED4MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063217.D\data.ms

(34) Caprolactam

11.552min (+ 0.015) 22.42 ng/ul

response 67695

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	163.18
56.00	105.40	135.23#
0.00	0.00	0.00

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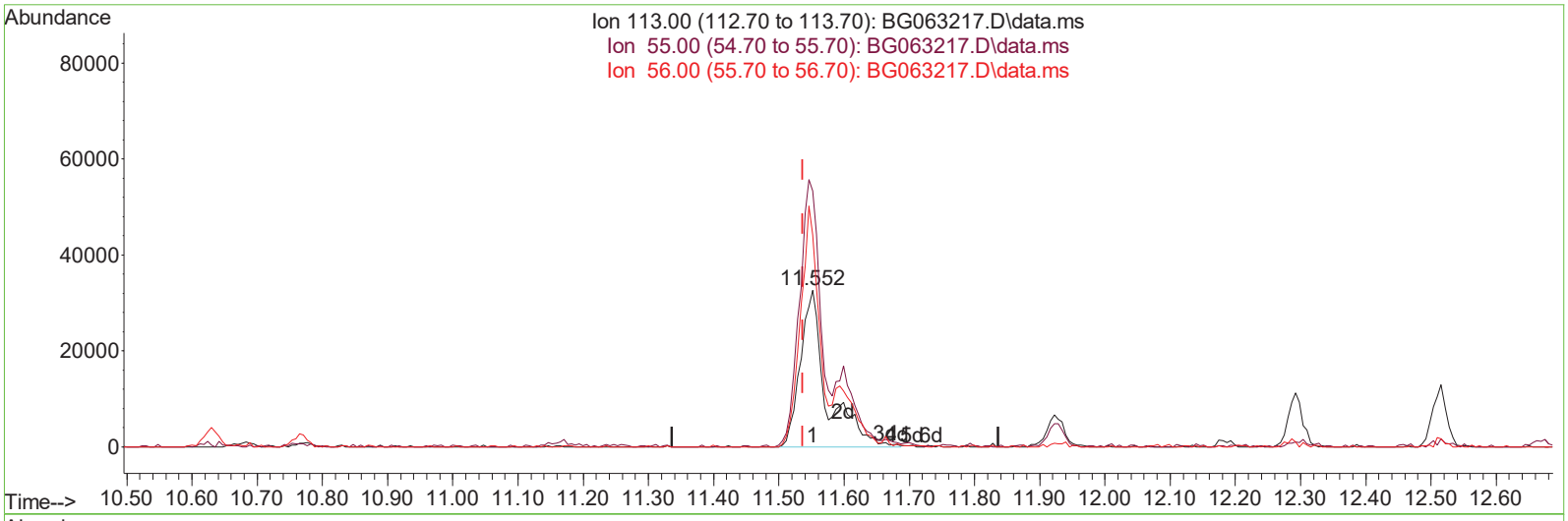

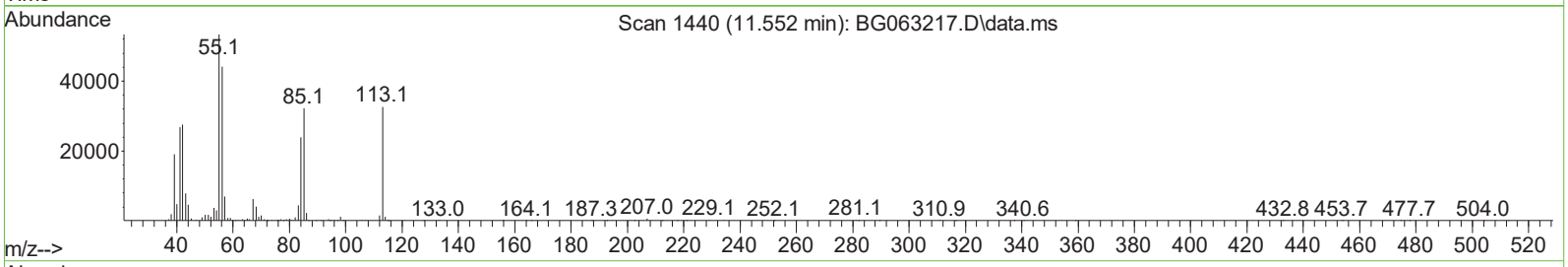

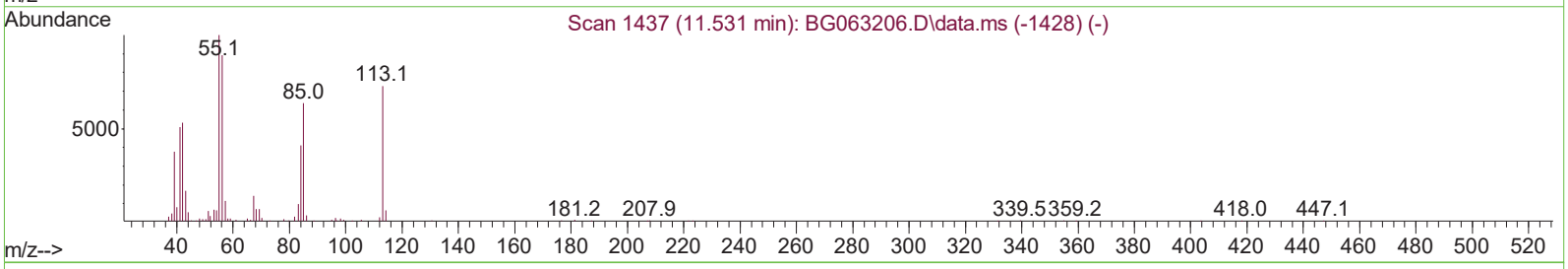

TIC: BG063217.D\data.ms

(34) Caprolactam

11.552min (+ 0.015) 30.33 ng/ul m

response 91590

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	163.18
56.00	105.40	135.23#
0.00	0.00	0.00

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Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/11/2024

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	90388	20.000	ng/ul	0.00
20) Naphthalene-d8	10.635	136	432158	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.478	164	412586	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.228	188	1014602	20.000	ng/ul	0.00
79) Chrysene-d12	21.487	240	1046907	20.000	ng/ul	# 0.00
88) Perylene-d12	24.525	264	1108213	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.303	96	8121	4.063	ng/uL	0.00
4) Pyridine-d5	3.708	84	130610	19.769	ng/ul	0.00
7) Phenol-d5	7.016	99	244055	29.923	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	128924	26.949	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	158152	29.874	ng/ul	0.00
15) 4-Methylphenol-d8	8.550	113	203528	29.441	ng/ul	0.00
21) Nitrobenzene-d5	8.996	128	90051	29.640	ng/ul	0.00
24) 2-Nitrophenol-d4	9.713	143	115639	29.449	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.254	165	240172	31.167	ng/ul	0.00
31) 4-Chloroaniline-d4	10.765	131	252894	25.196	ng/ul	0.00
46) Dimethylphthalate-d6	13.885	166	826697	25.580	ng/ul	0.00
49) Acenaphthylene-d8	14.173	160	938585	29.672	ng/ul	0.00
54) 4-Nitrophenol-d4	14.690	143	112333	25.387	ng/ul	0.00
60) Fluorene-d10	15.477	176	790742	28.991	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.600	200	158806	24.905	ng/ul	0.00
73) Anthracene-d10	17.328	188	1289970	29.582	ng/ul	0.00
81) Pyrene-d10	19.625	212	1625628	30.971	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.314	264	1624571	30.362	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.338	88	24841	10.094	ng/uL#	81
5) Pyridine	3.726	79	194656	28.876	ng/ul	96
6) Benzaldehyde	6.981	77	20012	4.439	ng/ul#	88
8) Phenol	7.040	94	313084	35.224	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.263	93	194045	32.101	ng/ul	94
12) 2-Chlorophenol	7.410	128	206502	36.467	ng/ul	98
13) 2-Methylphenol	8.285	108	227688	35.070	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.356	45	250102	32.734	ng/ul	98
16) Acetophenone	8.655	105	360986	32.431	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.644	70	199408	30.713	ng/ul	95
18) 4-Methylphenol	8.614	108	262250	35.523	ng/ul	100
19) Hexachloroethane	8.920	117	82716	36.046	ng/ul	96
22) Nitrobenzene	9.037	77	313452	33.460	ng/ul	97
23) Isophorone	9.560	82	580245	29.347	ng/ul	99
25) 2-Nitrophenol	9.748	139	136146	35.074	ng/ul#	86
26) 2,4-Dimethylphenol	9.813	107	292254	34.517	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.042	93	309358	32.456	ng/ul	94
29) 2,4-Dichlorophenol	10.283	162	273107	37.593	ng/ul	95
30) Naphthalene	10.682	128	780429	35.294	ng/ul	98
32) 4-Chloroaniline	10.794	127	172888	17.997	ng/ul	99
33) Hexachlorobutadiene	10.970	225	242095	34.819	ng/ul	97
34) Caprolactam	11.552	113	91590m	30.333	ng/ul	
35) 4-Chloro-3-methylphenol	11.922	107	304266	34.905	ng/ul	96
36) 2-Methylnaphthalene	12.292	142	613042	34.979	ng/ul	100

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/11/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.516	142	623231	34.197	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.663	216	525692	36.144	ng/ul	97
40) Hexachlorocyclopentadiene	12.645	237	169323	21.321	ng/ul	95
41) 2,4,6-Trichlorophenol	12.909	196	294476	37.509	ng/ul	96
42) 2,4,5-Trichlorophenol	12.986	196	331097	38.891	ng/ul	90
43) 1,1'-Biphenyl	13.309	154	916417	35.041	ng/ul	97
44) 2-Chloronaphthalene	13.350	162	722538	35.488	ng/ul	99
45) 2-Nitroaniline	13.556	65	236009	33.982	ng/ul	93
47) Dimethylphthalate	13.932	163	914531	29.513	ng/ul	98
48) 2,6-Dinitrotoluene	14.055	165	198835	33.531	ng/ul	98
50) Acenaphthylene	14.202	152	1094161	34.724	ng/ul#	96
51) 3-Nitroaniline	14.384	138	178892	34.562	ng/ul	95
52) Acenaphthene	14.543	153	791462	35.094	ng/ul	98
53) 2,4-Dinitrophenol	14.596	184	107365	27.462	ng/ul	96
55) 4-Nitrophenol	14.707	109	179074	31.138	ng/ul	96
56) Dibenzofuran	14.878	168	1174775	34.028	ng/ul	98
57) 2,4-Dinitrotoluene	14.848	165	306156	32.644	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.113	232	308260	34.963	ng/ul	97
59) Diethylphthalate	15.301	149	933230	29.374	ng/ul	99
61) Fluorene	15.530	166	993123	33.989	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.524	204	610673	32.520	ng/ul	97
63) 4-Nitroaniline	15.553	138	202262	38.610	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.618	198	208438	31.498	ng/ul	98
67) N-Nitrosodiphenylamine	15.735	169	823749	36.394	ng/ul	97
68) 4-Bromophenyl-phenylether	16.417	248	435507	37.547	ng/ul	96
69) Hexachlorobenzene	16.540	284	438667	35.501	ng/ul	98
70) Atrazine	16.693	200	395512	31.942	ng/ul	95
71) Pentachlorophenol	16.887	266	221614	35.775	ng/ul	93
72) Phenanthrene	17.275	178	1658761	35.783	ng/ul	98
74) Anthracene	17.363	178	1652832	34.805	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.274	216	531552	40.514	ng/ul	93
76) Pentachlorobenzene	14.801	250	527163	37.678	ng/ul	96
77) Carbazole	17.633	167	1375936	34.898	ng/ul	98
78) Di-n-butylphthalate	18.197	149	1547310	34.501	ng/ul	99
80) Fluoranthene	19.290	202	2128524	37.517	ng/ul	99
82) Pyrene	19.654	202	2190387	36.423	ng/ul	98
83) Butylbenzylphthalate	20.553	149	706731	40.211	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.388	252	716357	31.822	ng/ul	97
85) Benzo(a)anthracene	21.464	228	2350816	35.500	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.382	149	1019723	39.833	ng/ul	98
87) Chrysene	21.529	228	2173783	35.209	ng/ul	99
89) Di-n-octyl phthalate	22.527	149	1719352	39.370	ng/ul	100
90) Benzo(b)fluoranthene	23.561	252	2404350	36.059	ng/ul	99
91) Benzo(k)fluoranthene	23.626	252	2317872	34.900	ng/ul	99
93) Benzo(a)pyrene	24.384	252	2162260	35.058	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	27.956	276	2714330	35.878	ng/ul	98
95) Dibenzo(a,h)anthracene	28.009	278	2192549	35.548	ng/ul	98
96) Benzo(g,h,i)perylene	29.020	276	2064275	35.989	ng/ul	98

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

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