Quantitation Report (Qedit)

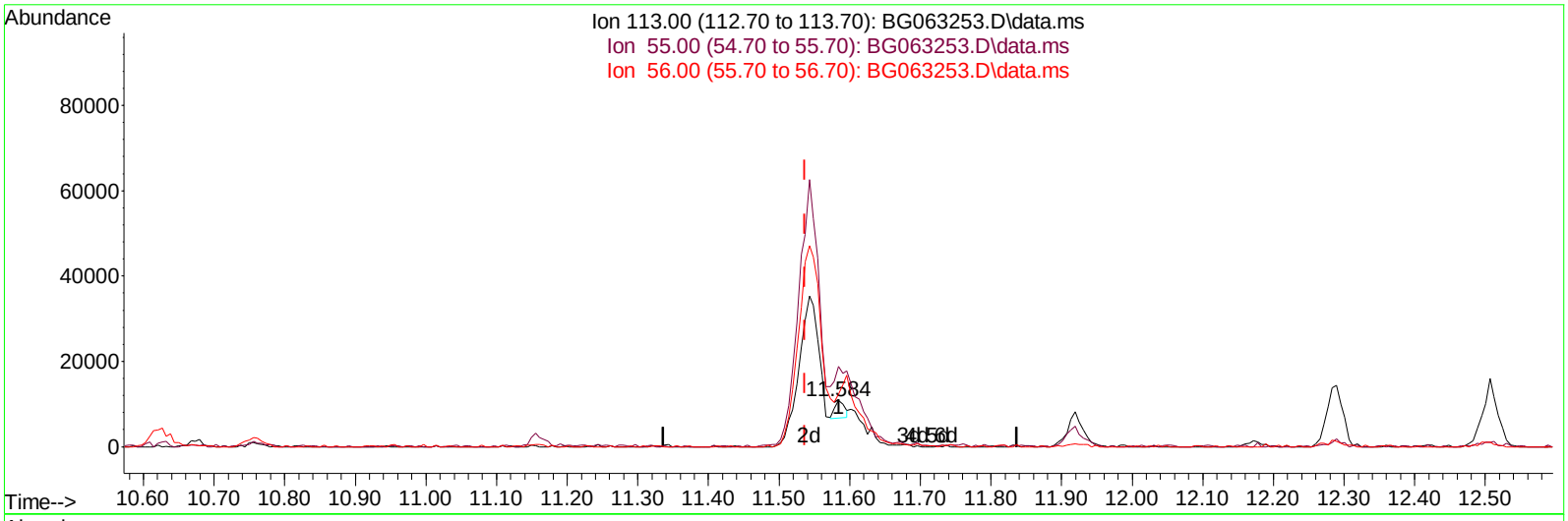
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063253.D
Acq On : 9 Nov 2024 7:17
Operator : RC/JU
Sample : P4582-04MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

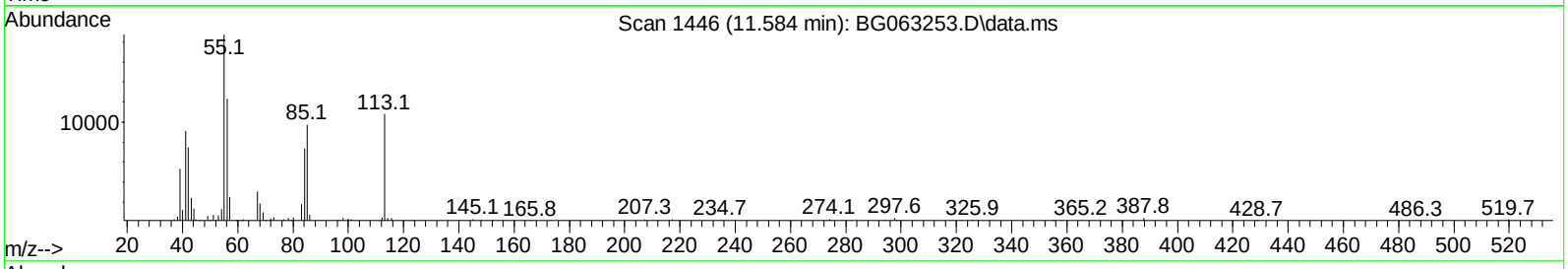
Quant Time: Nov 09 23:43:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

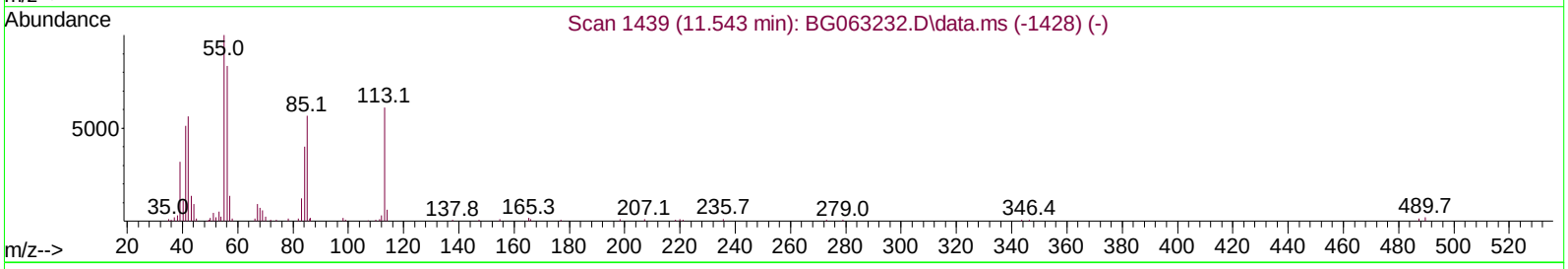
Instrument :
BNA_G
ClientSampleId :
A4EE8MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024







TIC: BG063253.D\data.ms

(34) Caprolactam

11.584min (+ 0.047) 1.06 ng/ul

response 4039

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	173.66
56.00	105.40	114.00
0.00	0.00	0.00

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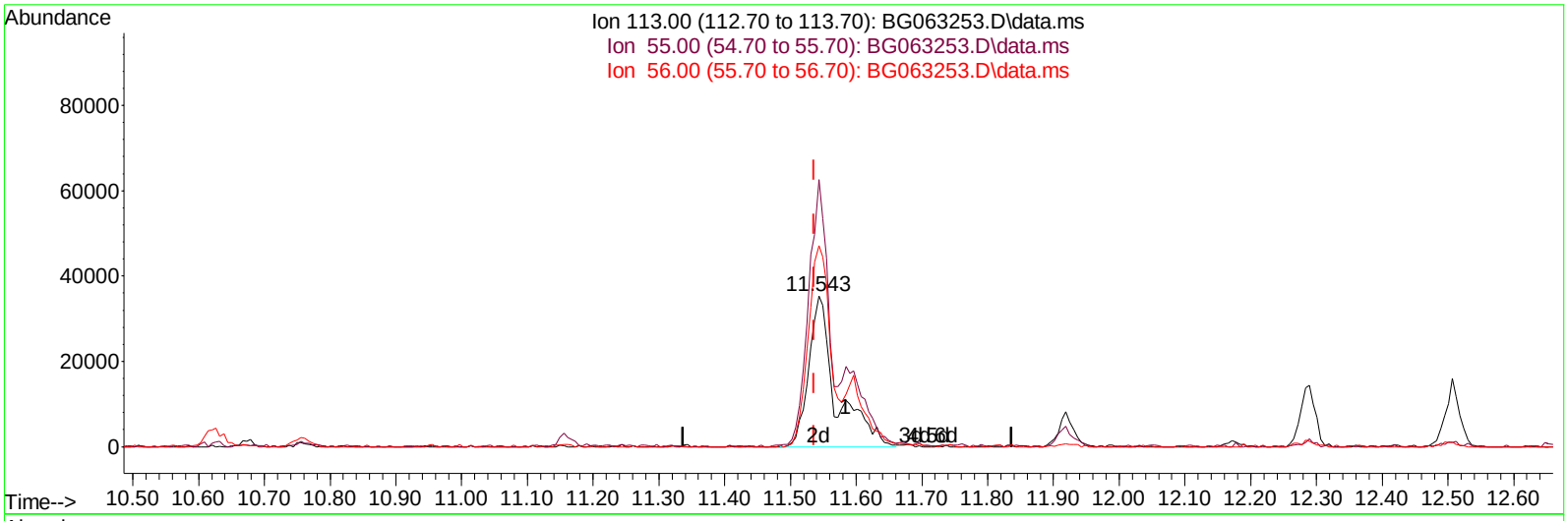

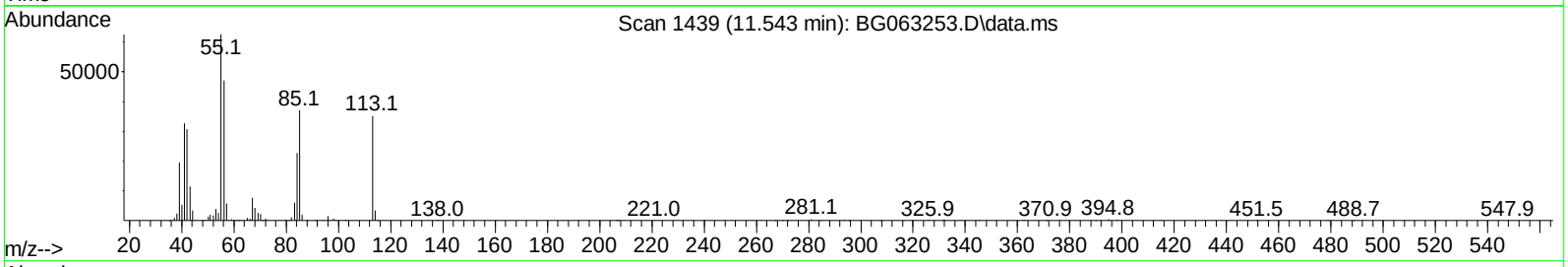

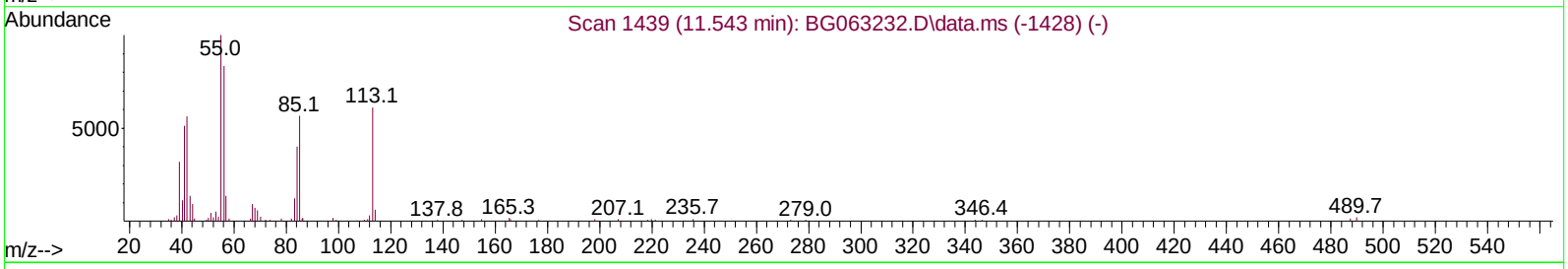

TIC: BG063253.D\data.ms

(34) Caprolactam

11.543min (+ 0.006) 26.94 ng/ul m

response 102269

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	176.96#
56.00	105.40	133.38#
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	7.836	152	119269	20.000	ng/ul	0.00
20) Naphthalene-d8	10.621	136	543320	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.475	164	456471	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.225	188	1033680	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1021559	20.000	ng/ul	# 0.00
88) Perylene-d12	24.510	264	1081428	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	11884	4.505	ng/uL	0.00
4) Pyridine-d5	3.705	84	198418	22.760	ng/ul	0.00
7) Phenol-d5	7.007	99	311860	28.977	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	178092	28.212	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	218062	31.217	ng/ul	0.00
15) 4-Methylphenol-d8	8.547	113	252454	27.675	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	114646	30.014	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	148892	30.160	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	312659	32.272	ng/ul	0.00
31) 4-Chloroaniline-d4	10.762	131	304856	24.159	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	922730	25.807	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	1028917	29.400	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	131927	26.948	ng/ul	0.00
60) Fluorene-d10	15.468	176	853531	28.285	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	177881	27.381	ng/ul	0.00
73) Anthracene-d10	17.324	188	1349257	30.371	ng/ul	0.00
81) Pyrene-d10	19.622	212	1633338	31.890	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	1602807	30.698	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	36978	11.388	ng/uL	94
5) Pyridine	3.723	79	278611	31.322	ng/ul	98
6) Benzaldehyde	6.978	77	35364	5.945	ng/ul	98
8) Phenol	7.037	94	404811	34.516	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.260	93	262611	32.924	ng/ul	92
12) 2-Chlorophenol	7.401	128	268950	35.994	ng/ul	99
13) 2-Methylphenol	8.282	108	293608	34.272	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.353	45	350934	34.809	ng/ul	97
16) Acetophenone	8.652	105	468343	31.887	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.641	70	267024	31.168	ng/ul#	96
18) 4-Methylphenol	8.611	108	323169	33.174	ng/ul	96
19) Hexachloroethane	8.911	117	111933	36.967	ng/ul	91
22) Nitrobenzene	9.034	77	413906	35.143	ng/ul	96
23) Isophorone	9.551	82	734071	29.531	ng/ul	98
25) 2-Nitrophenol	9.739	139	172957	35.441	ng/ul#	86
26) 2,4-Dimethylphenol	9.804	107	315911	29.677	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.033	93	400495	33.421	ng/ul	95
29) 2,4-Dichlorophenol	10.280	162	340944	37.329	ng/ul	96
30) Naphthalene	10.673	128	975726	35.098	ng/ul	100
32) 4-Chloroaniline	10.785	127	204540	16.936	ng/ul	93
33) Hexachlorobutadiene	10.961	225	312903	35.795	ng/ul	96
34) Caprolactam	11.543	113	102269m	26.940	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	354595	32.355	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.289	142	743917	33.762	ng/ul	98
37) 1-Methylnaphthalene	12.507	142	740364	32.312	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.659	216	611188	37.982	ng/ul	98
40) Hexachlorocyclopentadiene	12.642	237	179357	20.413	ng/ul	99
41) 2,4,6-Trichlorophenol	12.906	196	335526	38.629	ng/ul	98
42) 2,4,5-Trichlorophenol	12.977	196	361534	38.384	ng/ul	97
43) 1,1'-Biphenyl	13.306	154	1049653	36.277	ng/ul	99
44) 2-Chloronaphthalene	13.347	162	811250	36.014	ng/ul	98
45) 2-Nitroaniline	13.552	65	270751	35.236	ng/ul	96
47) Dimethylphthalate	13.928	163	1023610	29.857	ng/ul	98
48) 2,6-Dinitrotoluene	14.052	165	223205	34.022	ng/ul	98
50) Acenaphthylene	14.193	152	1230512	35.297	ng/ul	98
51) 3-Nitroaniline	14.381	138	195359	34.115	ng/ul	96
52) Acenaphthene	14.539	153	897047	35.952	ng/ul	100
53) 2,4-Dinitrophenol	14.592	184	121394	28.066	ng/ul	94
55) 4-Nitrophenol	14.698	109	195023	30.651	ng/ul	96
56) Dibenzofuran	14.874	168	1319262	34.540	ng/ul	100
57) 2,4-Dinitrotoluene	14.845	165	323684	31.195	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.104	232	341975	35.058	ng/ul#	96
59) Diethylphthalate	15.297	149	1025050	29.162	ng/ul	98
61) Fluorene	15.527	166	1078492	33.362	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.521	204	682416	32.847	ng/ul	99
63) 4-Nitroaniline	15.550	138	206311	35.596	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.615	198	229515	34.043	ng/ul#	96
67) N-Nitrosodiphenylamine	15.732	169	891285	38.651	ng/ul	99
68) 4-Bromophenyl-phenylether	16.414	248	458480	38.798	ng/ul	99
69) Hexachlorobenzene	16.537	284	476456	37.847	ng/ul	99
70) Atrazine	16.684	200	419378	33.245	ng/ul	98
71) Pentachlorophenol	16.878	266	235549	37.322	ng/ul	96
72) Phenanthrene	17.266	178	1814143	38.412	ng/ul	99
74) Anthracene	17.360	178	1753726	36.248	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.270	216	599561	44.854	ng/ul	97
76) Pentachlorobenzene	14.798	250	585892	41.103	ng/ul	96
77) Carbazole	17.630	167	1456942	36.271	ng/ul	99
78) Di-n-butylphthalate	18.194	149	1617723	35.405	ng/ul	99
80) Fluoranthene	19.287	202	2258947	40.803	ng/ul#	98
82) Pyrene	19.651	202	2349420	40.037	ng/ul	98
83) Butylbenzylphthalate	20.550	149	694899	40.519	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.379	252	605671	27.573	ng/ul#	98
85) Benzo(a)anthracene	21.461	228	2417311	37.409	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.379	149	1025074	41.035	ng/ul	98
87) Chrysene	21.525	228	2317848	38.474	ng/ul	98
89) Di-n-octyl phthalate	22.518	149	1737857	40.779	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2524886	38.805	ng/ul	98
91) Benzo(k)fluoranthene	23.623	252	2440113	37.651	ng/ul	100
93) Benzo(a)pyrene	24.375	252	2262406	37.591	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	27.941	276	2795076	37.861	ng/ul	97
95) Dibenzo(a,h)anthracene	27.988	278	2242500	37.258	ng/ul	98
96) Benzo(g,h,i)perylene	29.005	276	2127153	38.003	ng/ul	99

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

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