Quantitation Report (Qedit)

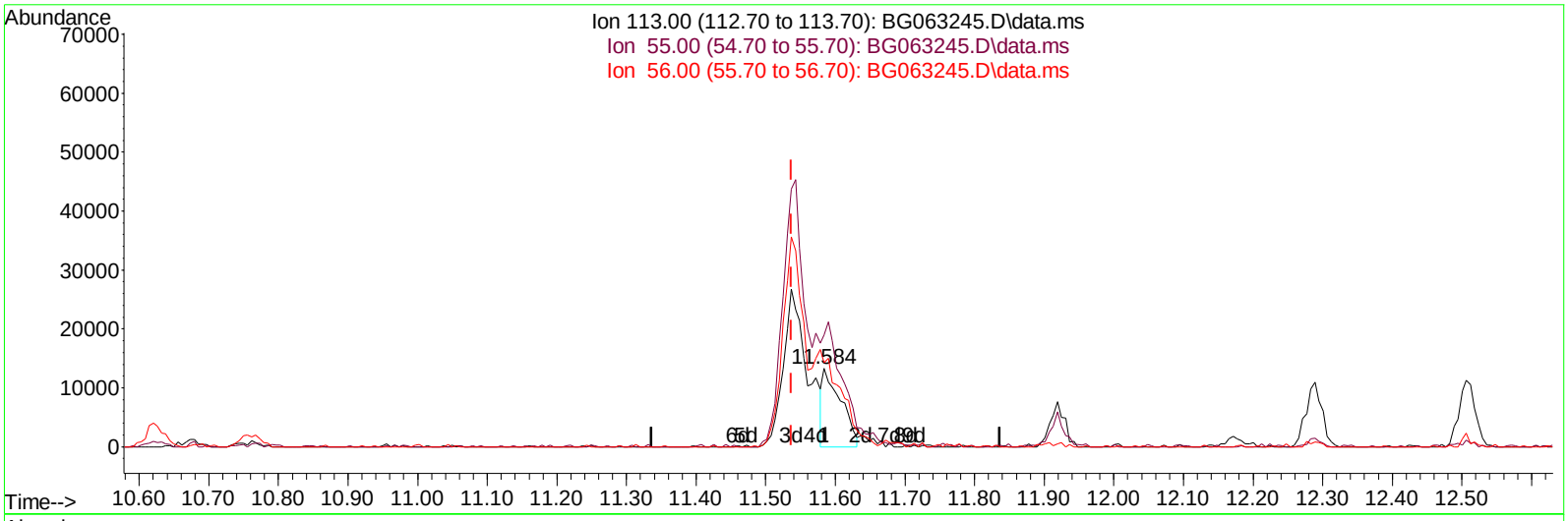
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110824\
Data File : BG063245.D
Acq On : 9 Nov 2024 1:36
Operator : RC/JU
Sample : PB164573BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

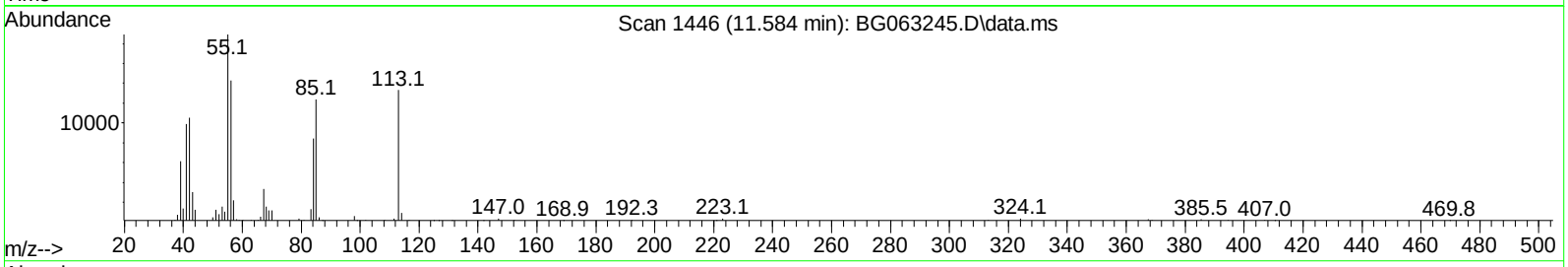
Quant Time: Nov 09 01:22:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 06 15:45:52 2024
Response via : Initial Calibration

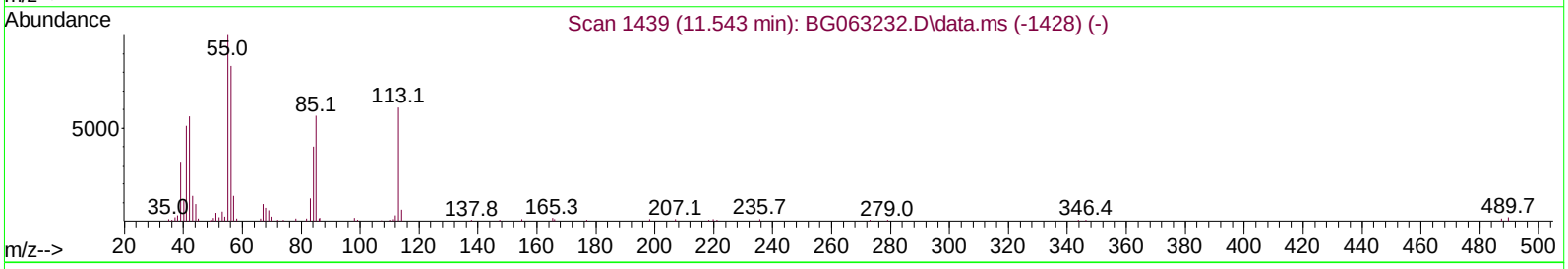
Instrument :
BNA_G
ClientSampleId :
SLCS573

Manual IntegrationsAPPROVED

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







TIC: BG063245.D\data.ms

(34) Caprolactam

11.584min (+ 0.047) 7.28 ng/ul

response 24032

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	142.10
56.00	105.40	107.19
0.00	0.00	0.00

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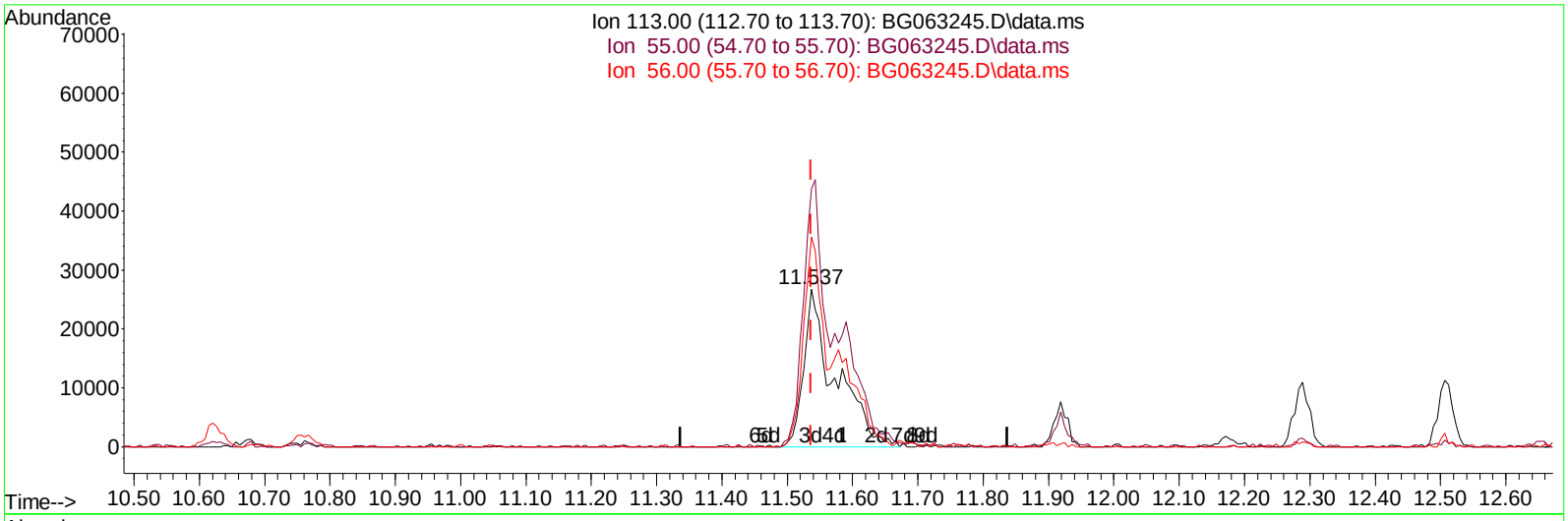

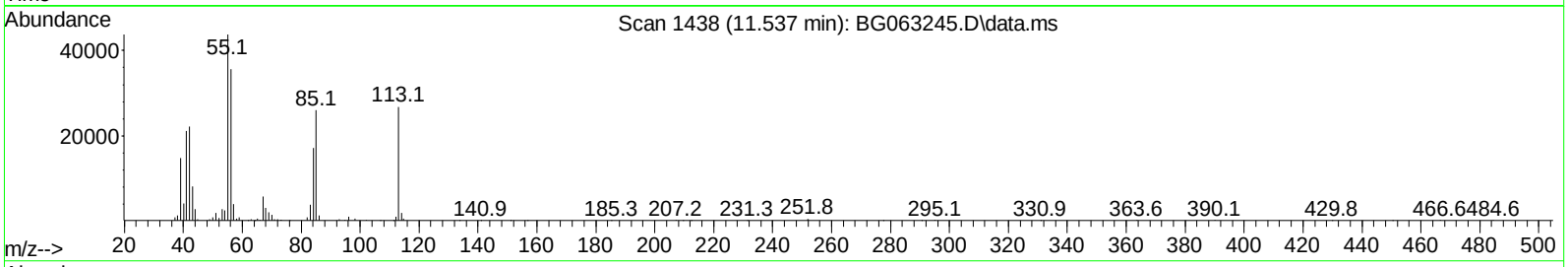

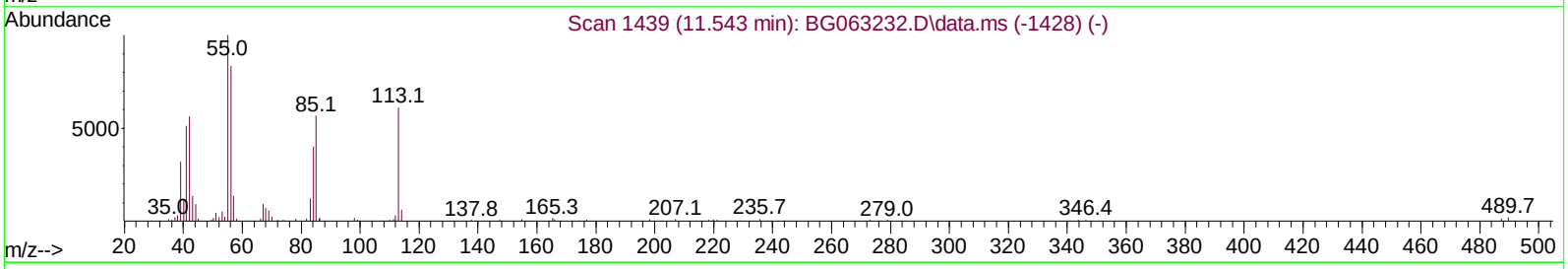

TIC: BG063245.D\data.ms

(34) Caprolactam

11.537min (+ 0.000) 27.17 ng/ul m

response 89630

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	146.10	163.25
56.00	105.40	132.78#
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	7.835	152	102833	20.000	ng/ul	0.00
20) Naphthalene-d8	10.626	136	472209	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	424284	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.224	188	1059376	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	1088350	20.000	ng/ul	# 0.00
88) Perylene-d12	24.510	264	1135021	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.300	96	12522	5.506	ng/uL	0.00
4) Pyridine-d5	3.705	84	220836	29.380	ng/ul	0.00
7) Phenol-d5	7.013	99	298007	32.116	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.166	67	157478	28.934	ng/ul	0.00
11) 2-Chlorophenol-d4	7.371	132	206270	34.248	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	239426	30.442	ng/ul	0.00
21) Nitrobenzene-d5	8.987	128	103516	31.182	ng/ul	0.00
24) 2-Nitrophenol-d4	9.710	143	132211	30.814	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.250	165	277709	32.981	ng/ul	0.00
31) 4-Chloroaniline-d4	10.761	131	291924	26.618	ng/ul	0.00
46) Dimethylphthalate-d6	13.881	166	880701	26.500	ng/ul	0.00
49) Acenaphthylene-d8	14.163	160	989798	30.428	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	135028	29.674	ng/ul	0.00
60) Fluorene-d10	15.468	176	818382	29.177	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.597	200	196501	29.514	ng/ul	0.00
73) Anthracene-d10	17.324	188	1391816	30.569	ng/ul	0.00
81) Pyrene-d10	19.622	212	1750175	32.074	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.304	264	1757849	32.077	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	29010	10.362	ng/uL#	84
5) Pyridine	3.723	79	224877	29.322	ng/ul	91
6) Benzaldehyde	6.978	77	70125	13.674	ng/ul	93
8) Phenol	7.036	94	321995	31.843	ng/ul	91
10) Bis(2-Chloroethyl)ether	7.260	93	200114	29.098	ng/ul	96
12) 2-Chlorophenol	7.401	128	215697	33.481	ng/ul	93
13) 2-Methylphenol	8.282	108	225791	30.569	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.352	45	265207	30.510	ng/ul	96
16) Acetophenone	8.652	105	351313	27.742	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.640	70	202395	27.400	ng/ul#	95
18) 4-Methylphenol	8.611	108	257105	30.611	ng/ul	99
19) Hexachloroethane	8.911	117	79034	30.273	ng/ul	94
22) Nitrobenzene	9.028	77	306258	29.919	ng/ul	95
23) Isophorone	9.551	82	589709	27.296	ng/ul	98
25) 2-Nitrophenol	9.739	139	132577	31.258	ng/ul	91
26) 2,4-Dimethylphenol	9.804	107	242317	26.192	ng/ul#	93
27) Bis(2-Chloroethoxy)met...	10.039	93	313664	30.117	ng/ul#	97
29) 2,4-Dichlorophenol	10.280	162	259666	32.712	ng/ul	93
30) Naphthalene	10.673	128	750083	31.044	ng/ul	99
32) 4-Chloroaniline	10.785	127	185326	17.656	ng/ul	99
33) Hexachlorobutadiene	10.961	225	229353	30.189	ng/ul	97
34) Caprolactam	11.537	113	89630m	27.167	ng/ul	
35) 4-Chloro-3-methylphenol	11.919	107	289828	30.428	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.289	142	572072	29.873	ng/ul	98
37) 1-Methylnaphthalene	12.506	142	562627	28.253	ng/ul	91
39) 1,2,4,5-Tetrachloroben...	12.659	216	461505	30.856	ng/ul	97
40) Hexachlorocyclopentadiene	12.642	237	169546	20.760	ng/ul	96
41) 2,4,6-Trichlorophenol	12.900	196	275433	34.116	ng/ul	98
42) 2,4,5-Trichlorophenol	12.976	196	287148	32.799	ng/ul	88
43) 1,1'-Biphenyl	13.300	154	835257	31.058	ng/ul	99
44) 2-Chloronaphthalene	13.347	162	654272	31.249	ng/ul	98
45) 2-Nitroaniline	13.552	65	217769	30.491	ng/ul	92
47) Dimethylphthalate	13.928	163	849956	26.673	ng/ul#	99
48) 2,6-Dinitrotoluene	14.052	165	183710	30.126	ng/ul	98
50) Acenaphthylene	14.193	152	989754	30.545	ng/ul	97
51) 3-Nitroaniline	14.381	138	166456	31.273	ng/ul	93
52) Acenaphthene	14.539	153	702503	30.291	ng/ul	96
53) 2,4-Dinitrophenol	14.592	184	113145	28.143	ng/ul	89
55) 4-Nitrophenol	14.704	109	166280	28.116	ng/ul	97
56) Dibenzofuran	14.874	168	1059538	29.844	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	267562	27.743	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.103	232	271572	29.952	ng/ul#	96
59) Diethylphthalate	15.297	149	838431	25.663	ng/ul	99
61) Fluorene	15.526	166	898689	29.909	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.515	204	553443	28.660	ng/ul	98
63) 4-Nitroaniline	15.544	138	183624	34.085	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.609	198	207257	29.996	ng/ul#	93
67) N-Nitrosodiphenylamine	15.732	169	745880	31.561	ng/ul	98
68) 4-Bromophenyl-phenylether	16.414	248	385287	31.813	ng/ul	97
69) Hexachlorobenzene	16.537	284	399707	30.980	ng/ul	98
70) Atrazine	16.684	200	347273	26.861	ng/ul	98
71) Pentachlorophenol	16.878	266	197732	30.570	ng/ul	94
72) Phenanthrene	17.265	178	1525553	31.518	ng/ul	99
74) Anthracene	17.360	178	1523051	30.717	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.270	216	470974	34.380	ng/ul	96
76) Pentachlorobenzene	14.798	250	464815	31.818	ng/ul	96
77) Carbazole	17.630	167	1285247	31.220	ng/ul	98
78) Di-n-butylphthalate	18.194	149	1438833	30.726	ng/ul	99
80) Fluoranthene	19.287	202	1945827	32.990	ng/ul#	98
82) Pyrene	19.651	202	2035350	32.556	ng/ul#	97
83) Butylbenzylphthalate	20.550	149	627067	34.320	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.378	252	743511	31.770	ng/ul	99
85) Benzo(a)anthracene	21.461	228	2187065	31.769	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.378	149	914729	34.371	ng/ul	97
87) Chrysene	21.525	228	2026702	31.576	ng/ul	97
89) Di-n-octyl phthalate	22.518	149	1581972	35.369	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	2223805	32.564	ng/ul	99
91) Benzo(k)fluoranthene	23.617	252	2160313	31.760	ng/ul	100
93) Benzo(a)pyrene	24.375	252	1990974	31.519	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.935	276	2451706	31.642	ng/ul	98
95) Dibenzo(a,h)anthracene	27.988	278	2021247	31.997	ng/ul	96
96) Benzo(g,h,i)perylene	29.005	276	1885862	32.102	ng/ul	99

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

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