Quantitation Report (Qedit)

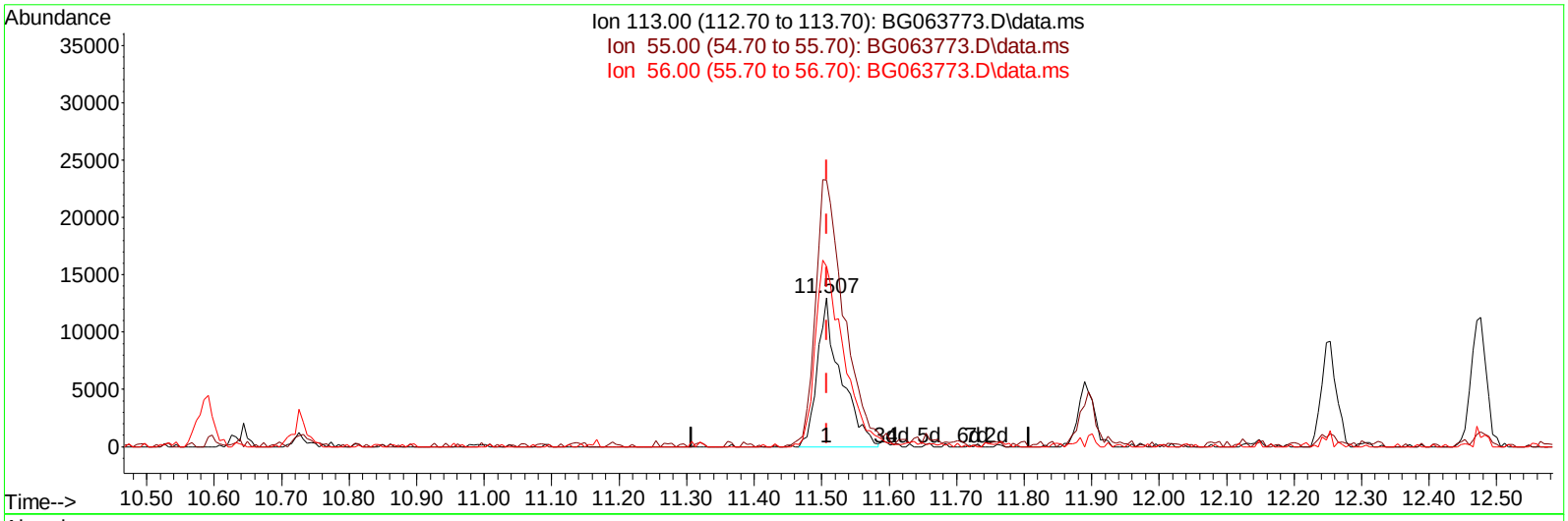
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122024\
Data File : BG063773.D
Acq On : 20 Dec 2024 15:58
Operator : RC/JU
Sample : P5305-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

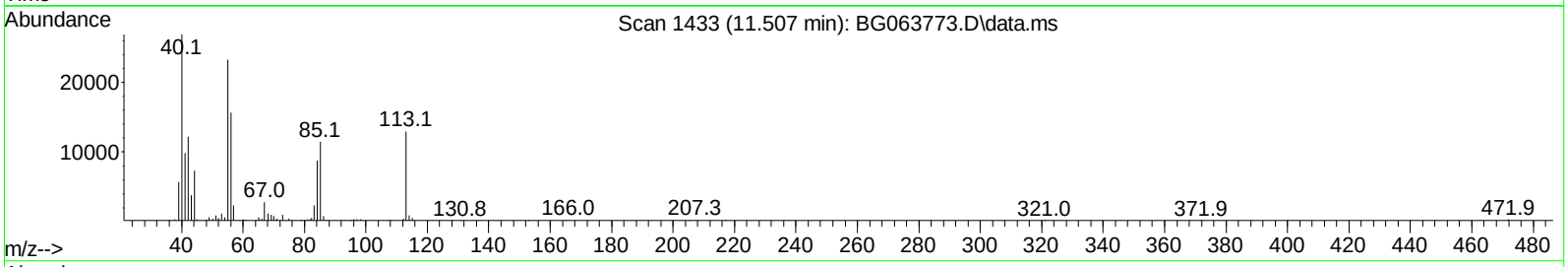
Quant Time: Dec 20 17:10:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 23:59:23 2024
Response via : Initial Calibration

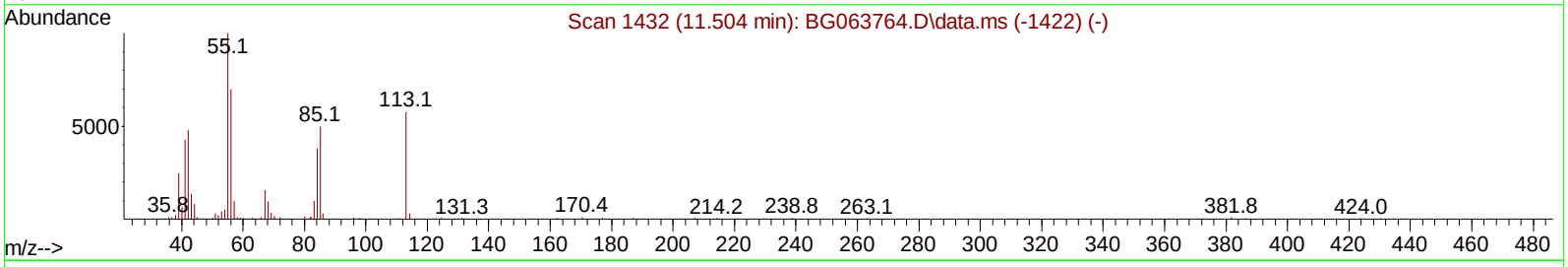
Instrument :
BNA_G
ClientSampleId :
E2AX4MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024







TIC: BG063773.D\data.ms

(34) Caprolactam

11.507min (-0.000) 11.10 ng/ul

response 31569

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	179.09
56.00	133.90	120.94
0.00	0.00	0.00

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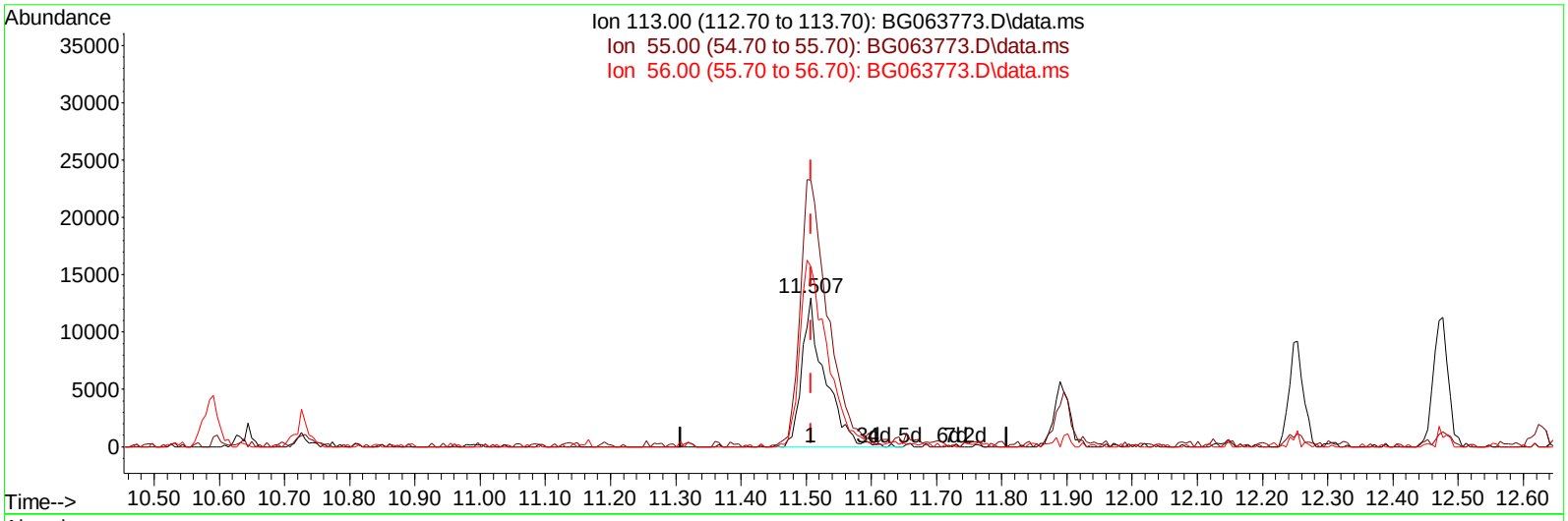

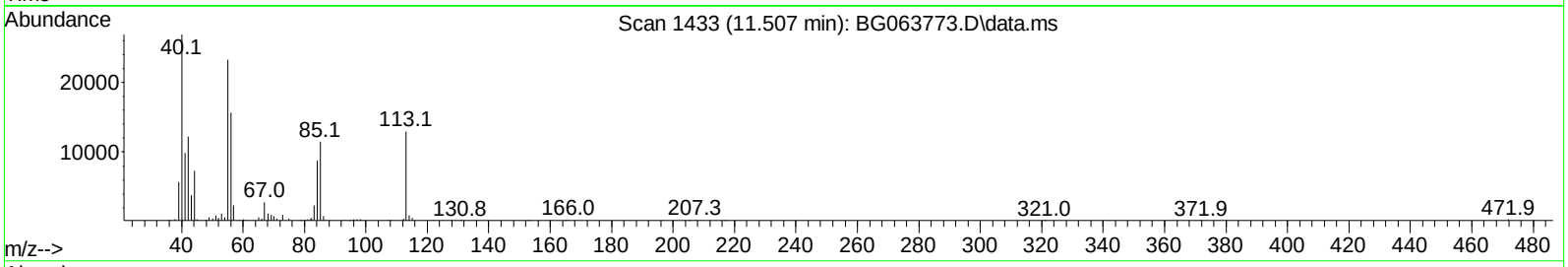

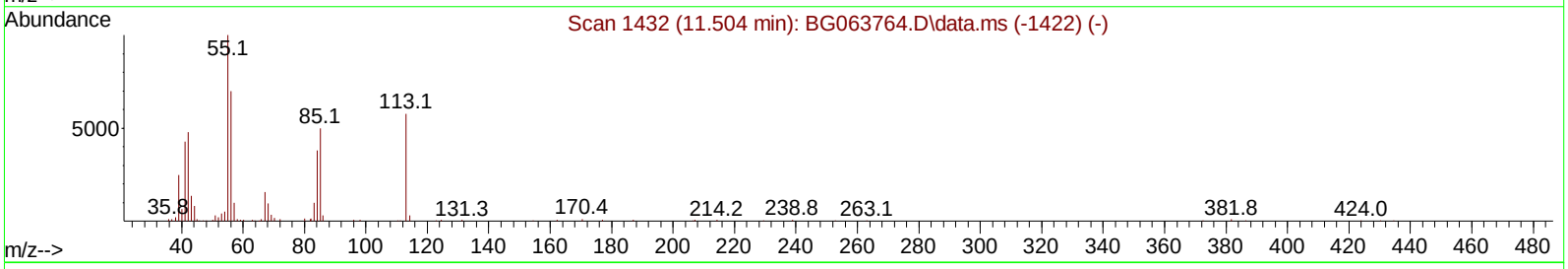

TIC: BG063773.D\data.ms

(34) Caprolactam

11.507min (-0.000) 11.32 ng/ul m

response 32185

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	202.90	179.09
56.00	133.90	120.94
0.00	0.00	0.00

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Operator : RC/JU
Sample : P5305-09MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	126543	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.591	136	534321	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.439	164	400860	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.195	188	1033788	20.000	ng/ul	-0.01
79) Chrysene-d12	21.443	240	1055190	20.000	ng/ul	-0.02
88) Perylene-d12	24.457	264	1108133	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	15831	4.903	ng/uL	-0.01
4) Pyridine-d5	3.669	84	108558	10.657	ng/ul	-0.02
7) Phenol-d5	6.989	99	140088	12.020	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.130	67	223819	27.806	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.342	132	207782	27.538	ng/ul	0.00
15) 4-Methylphenol-d8	8.523	113	200038	22.108	ng/ul	0.00
21) Nitrobenzene-d5	8.957	128	119195	31.243	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.674	143	134439	31.437	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	10.221	165	259989	31.401	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.726	131	309962	29.484	ng/ul	-0.02
46) Dimethylphthalate-d6	13.846	166	919567	33.713	ng/ul	-0.01
49) Acenaphthylene-d8	14.134	160	1022604	32.888	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.674	143	60880	15.753	ng/ul	0.00
60) Fluorene-d10	15.438	176	853615	35.395	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.573	200	193958	36.136	ng/ul	0.00
73) Anthracene-d10	17.295	188	1568329	35.286	ng/ul	-0.01
81) Pyrene-d10	19.592	212	1866558	33.993	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.251	264	1759677	33.815	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	25140	6.579	ng/uL	96
5) Pyridine	3.687	79	131177	12.023	ng/ul	95
6) Benzaldehyde	6.942	77	158071	22.111	ng/ul	94
8) Phenol	7.013	94	165118	13.294	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.224	93	272682	28.694	ng/ul	97
12) 2-Chlorophenol	7.371	128	218738	28.640	ng/ul	99
13) 2-Methylphenol	8.252	108	231109	25.744	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.317	45	394119	27.935	ng/ul	99
16) Acetophenone	8.617	105	456486	29.743	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.605	70	261382	28.543	ng/ul	90
18) 4-Methylphenol	8.581	108	238774	24.302	ng/ul	98
19) Hexachloroethane	8.875	117	70129	18.687	ng/ul	93
22) Nitrobenzene	8.998	77	378290	29.693	ng/ul	97
23) Isophorone	9.516	82	737640	30.644	ng/ul	98
25) 2-Nitrophenol	9.709	139	142664	32.460	ng/ul	88
26) 2,4-Dimethylphenol	9.774	107	268410	26.914	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.003	93	400764	30.782	ng/ul#	94
29) 2,4-Dichlorophenol	10.250	162	266090	32.343	ng/ul	99
30) Naphthalene	10.638	128	760039	28.451	ng/ul	98
32) 4-Chloroaniline	10.749	127	204842	20.479	ng/ul	94
33) Hexachlorobutadiene	10.926	225	153999	23.041	ng/ul	99
34) Caprolactam	11.507	113	32185m	11.317	ng/ul	
35) 4-Chloro-3-methylphenol	11.895	107	323484	33.491	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.253	142	597665	31.129	ng/ul	97
37) 1-Methylnaphthalene	12.471	142	601890	30.776	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.630	216	382368	29.796	ng/ul	97
40) Hexachlorocyclopentadiene	12.606	237	73793	14.546	ng/ul	96
41) 2,4,6-Trichlorophenol	12.876	196	243773	33.610	ng/ul	98
42) 2,4,5-Trichlorophenol	12.953	196	264506	34.944	ng/ul	99
43) 1,1'-Biphenyl	13.270	154	864313	32.694	ng/ul	94
44) 2-Chloronaphthalene	13.311	162	687598	32.390	ng/ul	97
45) 2-Nitroaniline	13.523	65	264751	37.232	ng/ul	92
47) Dimethylphthalate	13.899	163	967124	35.378	ng/ul	97
48) 2,6-Dinitrotoluene	14.022	165	192013	37.820	ng/ul#	91
50) Acenaphthylene	14.163	152	1134495	34.028	ng/ul	98
51) 3-Nitroaniline	14.351	138	192318	40.971	ng/ul	94
52) Acenaphthene	14.504	153	809161	34.241	ng/ul	97
53) 2,4-Dinitrophenol	14.574	184	94097	36.267	ng/ul	91
55) 4-Nitrophenol	14.686	109	55465	13.821	ng/ul	94
56) Dibenzofuran	14.845	168	1183971	35.538	ng/ul	95
57) 2,4-Dinitrotoluene	14.815	165	302229	40.062	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.080	232	236011	36.172	ng/ul#	97
59) Diethylphthalate	15.262	149	995309	37.662	ng/ul	96
61) Fluorene	15.491	166	983777	36.980	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.485	204	526354	35.515	ng/ul	96
63) 4-Nitroaniline	15.520	138	219907	46.795	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.591	198	205547	37.172	ng/ul#	90
67) N-Nitrosodiphenylamine	15.702	169	861353	34.408	ng/ul	97
68) 4-Bromophenyl-phenylether	16.378	248	367673	34.898	ng/ul	97
69) Hexachlorobenzene	16.507	284	406976	34.478	ng/ul	96
70) Atrazine	16.654	200	363793	34.378	ng/ul	97
71) Pentachlorophenol	16.854	266	161341	32.418	ng/ul	98
72) Phenanthrene	17.236	178	1833729	36.809	ng/ul	99
74) Anthracene	17.324	178	1840634	36.504	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.235	216	387889	28.122	ng/ul	100
76) Pentachlorobenzene	14.768	250	422560	30.924	ng/ul	96
77) Carbazole	17.600	167	1643119	40.257	ng/ul	97
78) Di-n-butylphthalate	18.158	149	1937964	39.316	ng/ul	99
80) Fluoranthene	19.257	202	2243704	35.951	ng/ul	97
82) Pyrene	19.621	202	2376119	35.785	ng/ul#	94
83) Butylbenzylphthalate	20.514	149	823460	40.400	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.343	252	588063	30.872	ng/ul	97
85) Benzo(a)anthracene	21.425	228	2289965	34.628	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.337	149	1210003	40.809	ng/ul	98
87) Chrysene	21.490	228	2221992	35.254	ng/ul	96
89) Di-n-octyl phthalate	22.471	149	2084512	43.582	ng/ul	100
90) Benzo(b)fluoranthene	23.505	252	2280845	36.215	ng/ul	99
91) Benzo(k)fluoranthene	23.570	252	2317704	36.892	ng/ul	99
93) Benzo(a)pyrene	24.316	252	2128311	36.002	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.865	276	2691833	37.286	ng/ul	98
95) Dibenzo(a,h)anthracene	27.912	278	2169953	37.564	ng/ul	97
96) Benzo(g,h,i)perylene	28.916	276	2109467	36.822	ng/ul	98

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

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