Quantitation Report (Qedit)

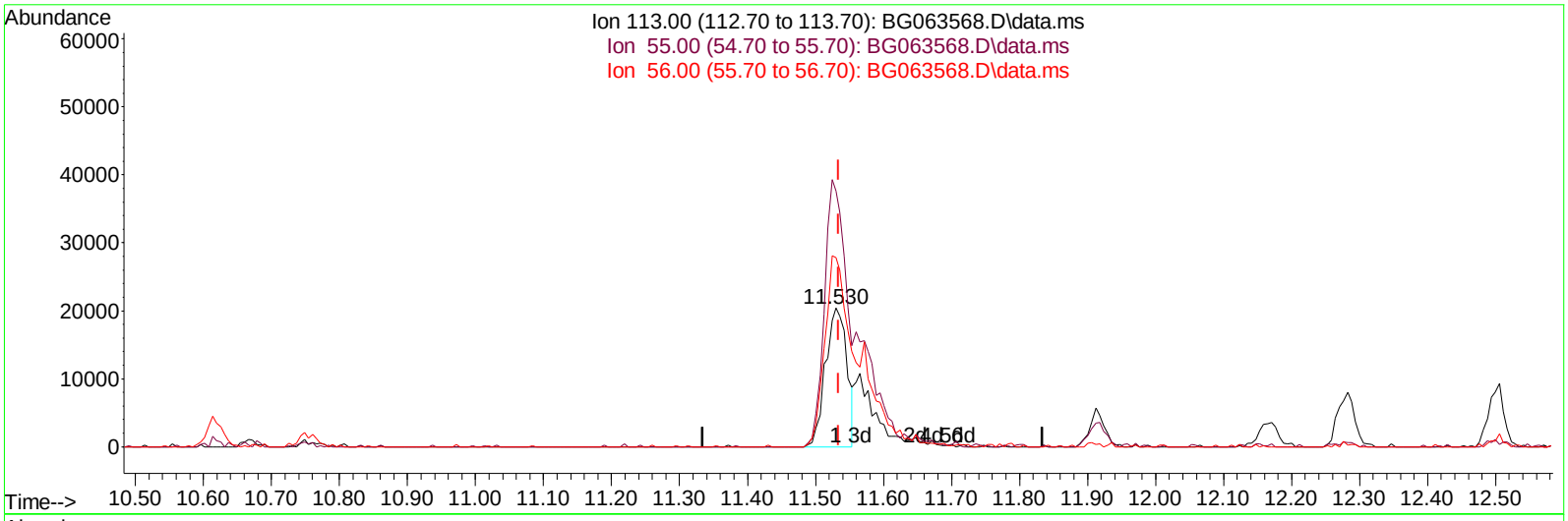
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112624\
Data File : BG063568.D
Acq On : 26 Nov 2024 18:50
Operator : RC/JU
Sample : PB165260BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

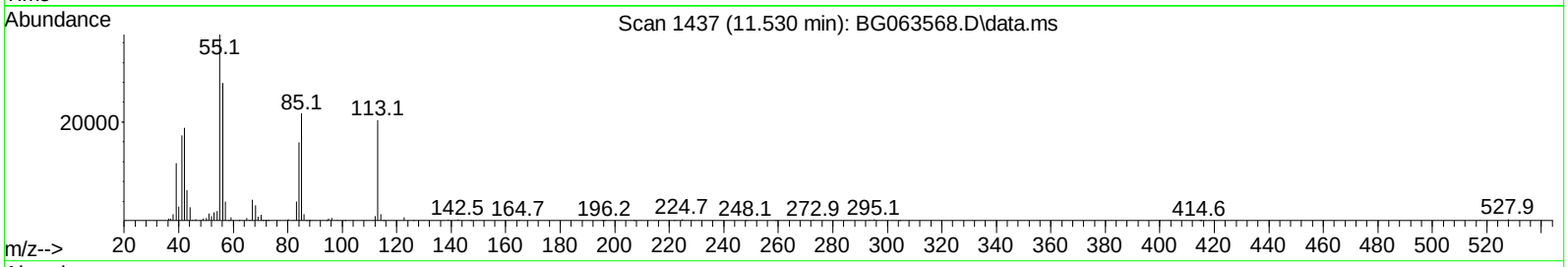
Quant Time: Nov 27 00:55:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

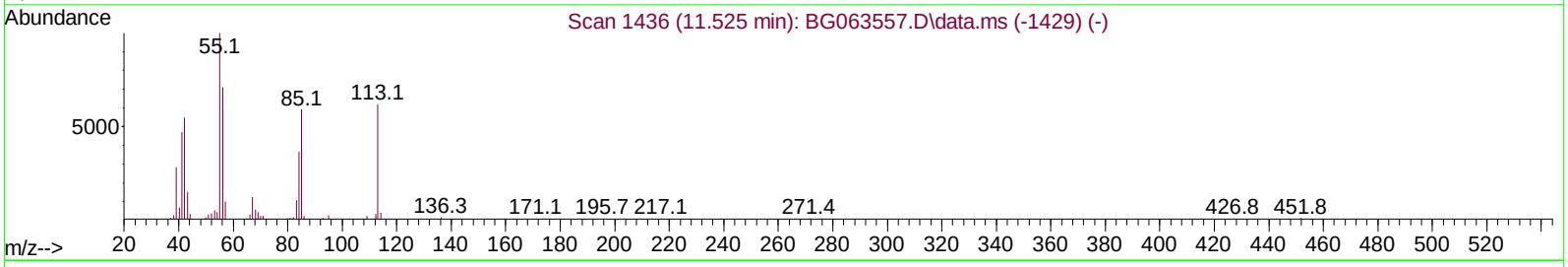
Instrument :
BNA_G
ClientSampleId :
SLCS260

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024







TIC: BG063568.D\data.ms

(34) Caprolactam

11.530min (-0.004) 17.19 ng/ul

response 45007

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	184.81
56.00	137.20	136.51
0.00	0.00	0.00

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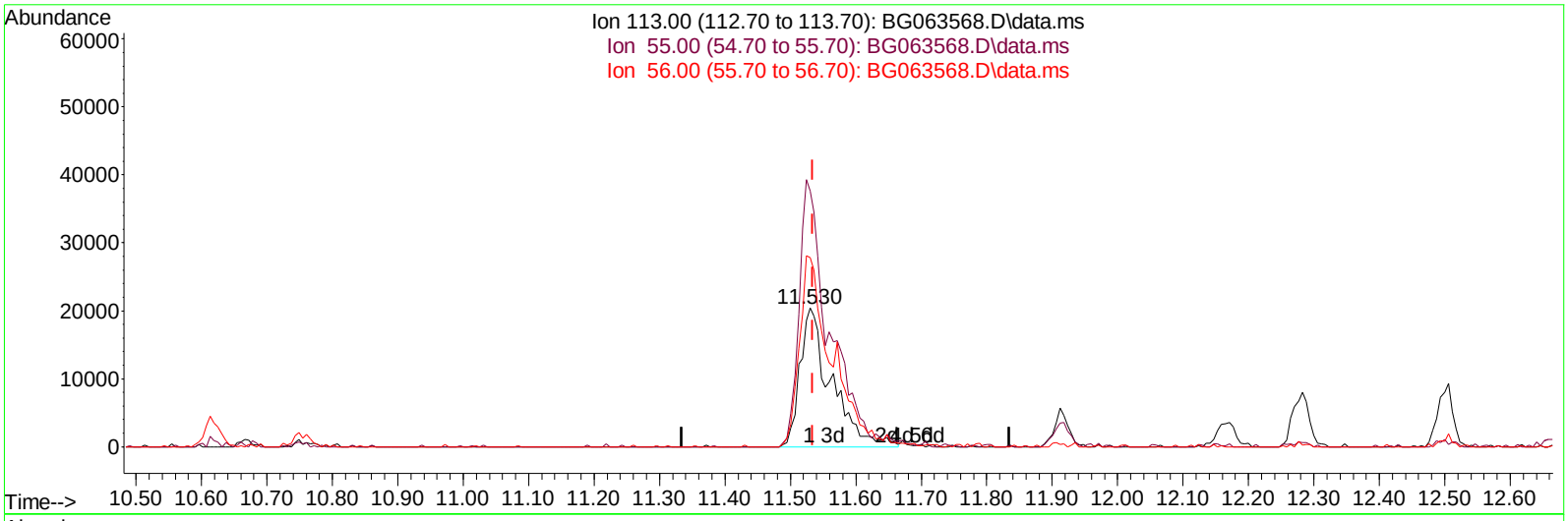

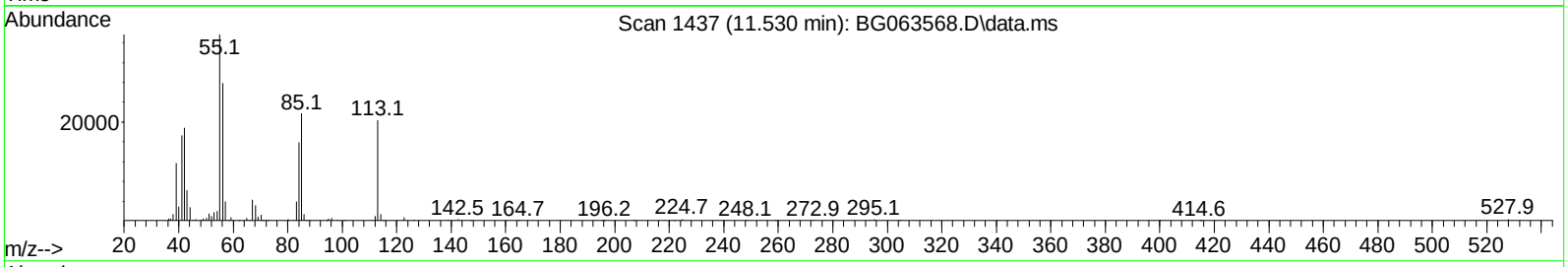

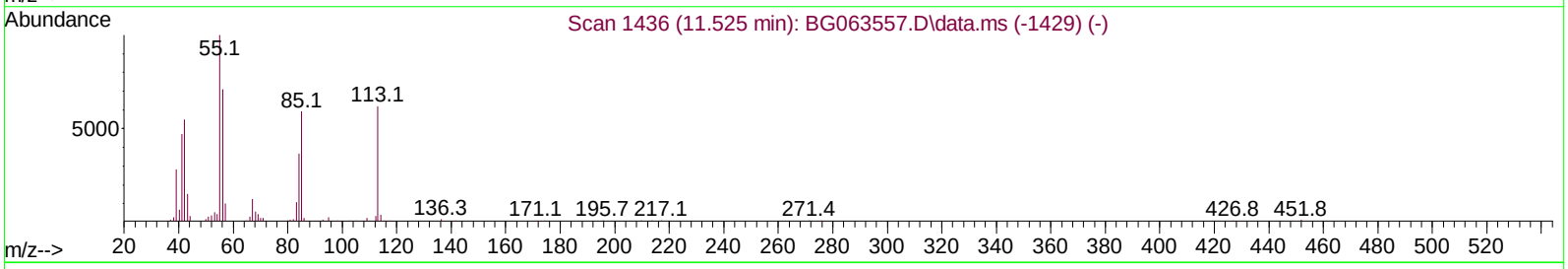

TIC: BG063568.D\data.ms

(34) Caprolactam

11.530min (-0.004) 25.83 ng/ul m

response 67613

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.00	184.81
56.00	137.20	136.51
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	7.829	152	106365	20.000	ng/ul	0.00
20) Naphthalene-d8	10.619	136	469524	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.468	164	354420	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.218	188	854576	20.000	ng/ul	-0.01
79) Chrysene-d12	21.477	240	903502	20.000	ng/ul	0.00
88) Perylene-d12	24.515	264	968072	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15886	5.895	ng/uL	0.00
4) Pyridine-d5	3.704	84	229475	27.166	ng/ul	0.00
7) Phenol-d5	7.006	99	275474	31.490	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.159	67	173674	30.954	ng/ul	0.00
11) 2-Chlorophenol-d4	7.364	132	197444	31.848	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	227126	31.070	ng/ul	0.00
21) Nitrobenzene-d5	8.980	128	103211	30.610	ng/ul	0.00
24) 2-Nitrophenol-d4	9.703	143	125125	30.040	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.243	165	238122	29.951	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.755	131	251581	25.018	ng/ul	0.00
46) Dimethylphthalate-d6	13.874	166	744554	30.946	ng/ul	0.00
49) Acenaphthylene-d8	14.162	160	828328	30.190	ng/ul	0.00
54) 4-Nitrophenol-d4	14.685	143	107397	30.041	ng/ul	0.00
60) Fluorene-d10	15.467	176	681259	31.162	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	157948	32.875	ng/ul	0.00
73) Anthracene-d10	17.323	188	1142187	30.764	ng/ul	0.00
81) Pyrene-d10	19.621	212	1461641	32.273	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.309	264	1462592	31.149	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	35536	11.168	ng/uL#	75
5) Pyridine	3.728	79	205801	23.944	ng/ul	96
6) Benzaldehyde	6.971	77	48872	9.761	ng/ul#	85
8) Phenol	7.030	94	281083	29.467	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.253	93	199007	28.904	ng/ul	96
12) 2-Chlorophenol	7.394	128	193916	29.304	ng/ul	98
13) 2-Methylphenol	8.275	108	215828	30.410	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.346	45	297454	29.491	ng/ul	96
16) Acetophenone	8.645	105	339796	29.426	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.628	70	193062	29.916	ng/ul	91
18) 4-Methylphenol	8.604	108	227026	29.164	ng/ul	90
19) Hexachloroethane	8.904	117	82587	28.898	ng/ul	94
22) Nitrobenzene	9.027	77	297862	28.796	ng/ul	92
23) Isophorone	9.544	82	527338	27.919	ng/ul	98
25) 2-Nitrophenol	9.732	139	122229	29.577	ng/ul	90
26) 2,4-Dimethylphenol	9.797	107	244946	27.496	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.026	93	294266	28.143	ng/ul	96
29) 2,4-Dichlorophenol	10.273	162	214508	27.616	ng/ul	99
30) Naphthalene	10.666	128	673038	28.042	ng/ul	97
32) 4-Chloroaniline	10.778	127	127947	13.315	ng/ul	95
33) Hexachlorobutadiene	10.954	225	189628	27.369	ng/ul	98
34) Caprolactam	11.530	113	67613m	25.827	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	237928	30.096	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.282	142	481940	28.289	ng/ul	98
37) 1-Methylnaphthalene	12.500	142	476748	26.652	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.652	216	353858	28.412	ng/ul	99
40) Hexachlorocyclopentadiene	12.635	237	138791	26.126	ng/ul	95
41) 2,4,6-Trichlorophenol	12.899	196	185346	27.121	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	214858	30.464	ng/ul	93
43) 1,1'-Biphenyl	13.293	154	688234	29.260	ng/ul	98
44) 2-Chloronaphthalene	13.340	162	525413	28.428	ng/ul	94
45) 2-Nitroaniline	13.545	65	182064	31.254	ng/ul	98
47) Dimethylphthalate	13.921	163	676997	28.879	ng/ul#	99
48) 2,6-Dinitrotoluene	14.045	165	142634	29.992	ng/ul	96
50) Acenaphthylene	14.192	152	802784	29.105	ng/ul	97
51) 3-Nitroaniline	14.380	138	115539	26.526	ng/ul	94
52) Acenaphthene	14.532	153	576237	28.925	ng/ul	95
53) 2,4-Dinitrophenol	14.591	184	69443	28.440	ng/ul	98
55) 4-Nitrophenol	14.703	109	119295	28.714	ng/ul	91
56) Dibenzofuran	14.867	168	839049	29.356	ng/ul	98
57) 2,4-Dinitrotoluene	14.838	165	216538	29.754	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.102	232	180897	26.991	ng/ul	95
59) Diethylphthalate	15.290	149	702328	29.661	ng/ul	99
61) Fluorene	15.520	166	705173	28.984	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.514	204	416767	28.707	ng/ul	95
63) 4-Nitroaniline	15.543	138	141586	31.751	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.608	198	149441	29.109	ng/ul#	93
67) N-Nitrosodiphenylamine	15.731	169	583841	28.776	ng/ul	91
68) 4-Bromophenyl-phenylether	16.413	248	284468	29.709	ng/ul	97
69) Hexachlorobenzene	16.530	284	297724	29.656	ng/ul#	88
70) Atrazine	16.683	200	7222	0.737	ng/ul#	87
71) Pentachlorophenol	16.877	266	108635	23.140	ng/ul	93
72) Phenanthrene	17.265	178	1179595	28.956	ng/ul	96
74) Anthracene	17.353	178	1203178	28.923	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.263	216	356327	28.656	ng/ul	92
76) Pentachlorobenzene	14.791	250	356628	29.043	ng/ul	98
77) Carbazole	17.629	167	1032550	29.916	ng/ul	99
78) Di-n-butylphthalate	18.187	149	1188667	30.042	ng/ul	99
80) Fluoranthene	19.286	202	1542559	30.804	ng/ul	99
82) Pyrene	19.650	202	1614218	30.082	ng/ul	99
83) Butylbenzylphthalate	20.543	149	540853	31.059	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.377	252	370936	19.112	ng/ul	98
85) Benzo(a)anthracene	21.460	228	1720106	29.443	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.372	149	773562	30.563	ng/ul	99
87) Chrysene	21.524	228	1607657	29.430	ng/ul	99
89) Di-n-octyl phthalate	22.517	149	1351444	31.463	ng/ul	100
90) Benzo(b)fluoranthene	23.551	252	1751185	30.129	ng/ul#	99
91) Benzo(k)fluoranthene	23.616	252	1691352	29.000	ng/ul	99
93) Benzo(a)pyrene	24.374	252	1586188	29.159	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.934	276	1953257	28.949	ng/ul	99
95) Dibenzo(a,h)anthracene	27.987	278	1608224	29.155	ng/ul	95
96) Benzo(g,h,i)perylene	29.004	276	1479489	28.919	ng/ul	97

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

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