Quantitation Report (Qedit)

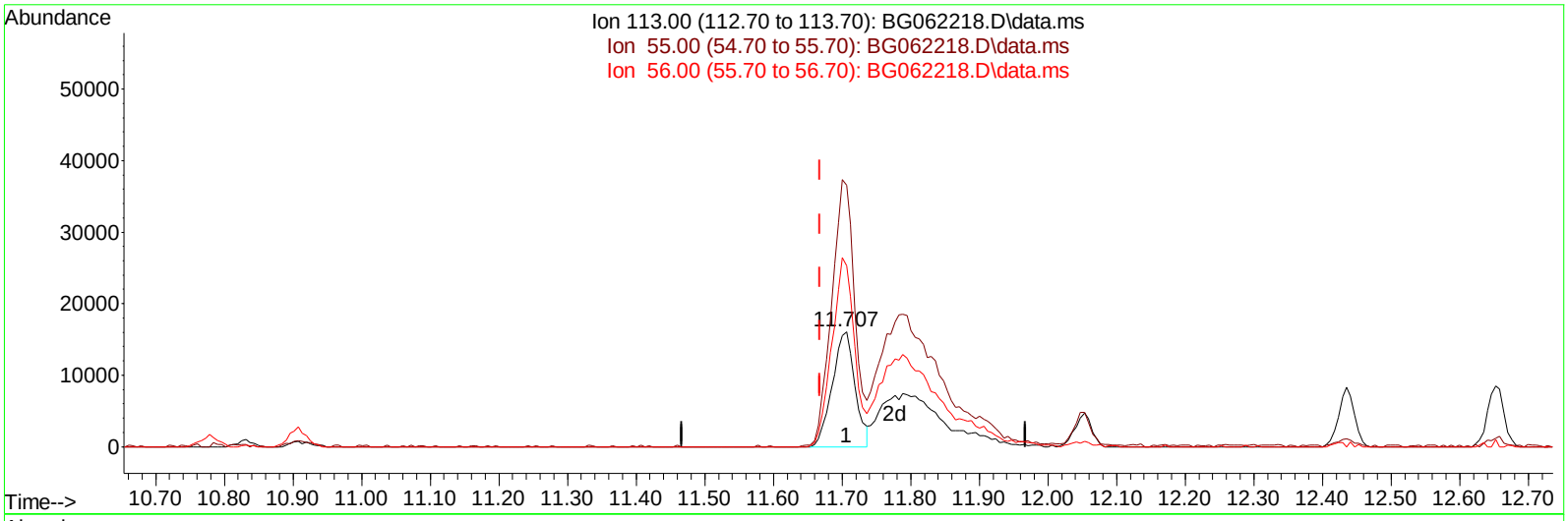
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG073124\
Data File : BG062218.D
Acq On : 31 Jul 2024 13:52
Operator : MA/JU
Sample : SSTD08038
Misc :
ALS Vial : 6 Sample Multiplier: 1

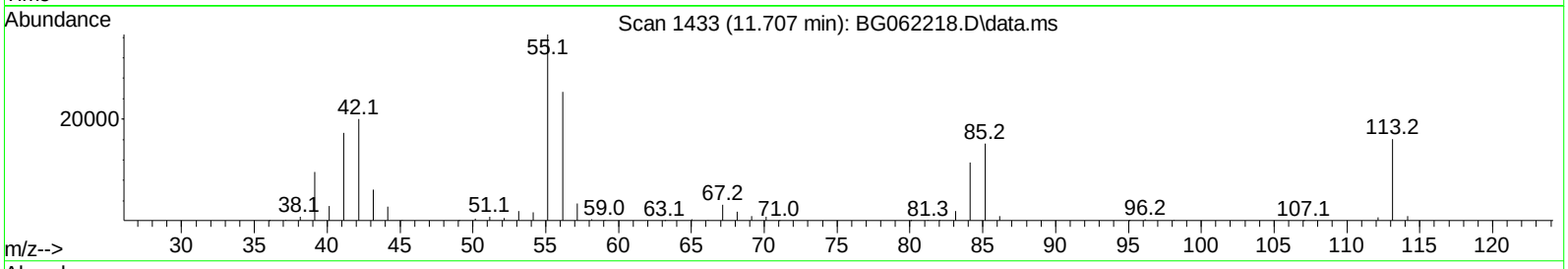
Quant Time: Aug 01 02:12:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG073124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 31 16:23:55 2024
Response via : Initial Calibration

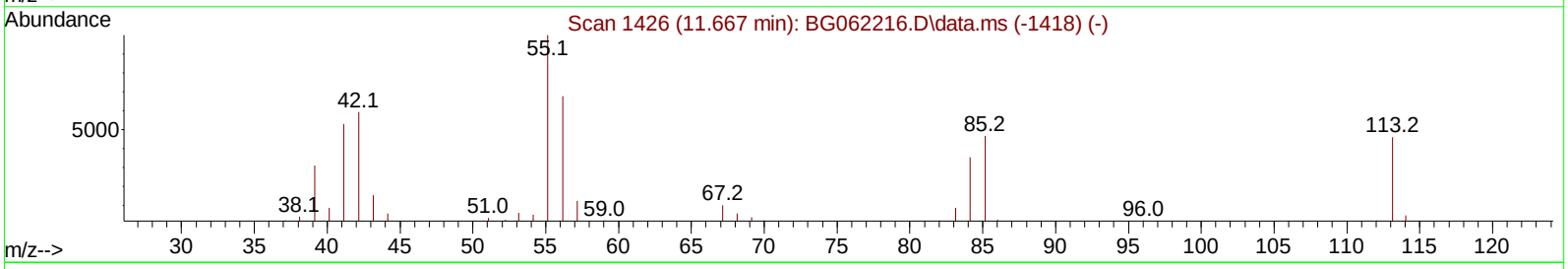
Instrument :
BNA_G
ClientSampleId :
SSTD080422

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/03/2024
Supervised By :mohammad ahmed 08/03/2024







TIC: BG062218.D\data.ms

(34) Caprolactam

11.707min (+ 0.039) 35.66 ng/ul

response 36917

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	221.20	227.16
56.00	147.00	157.19
0.00	0.00	0.00

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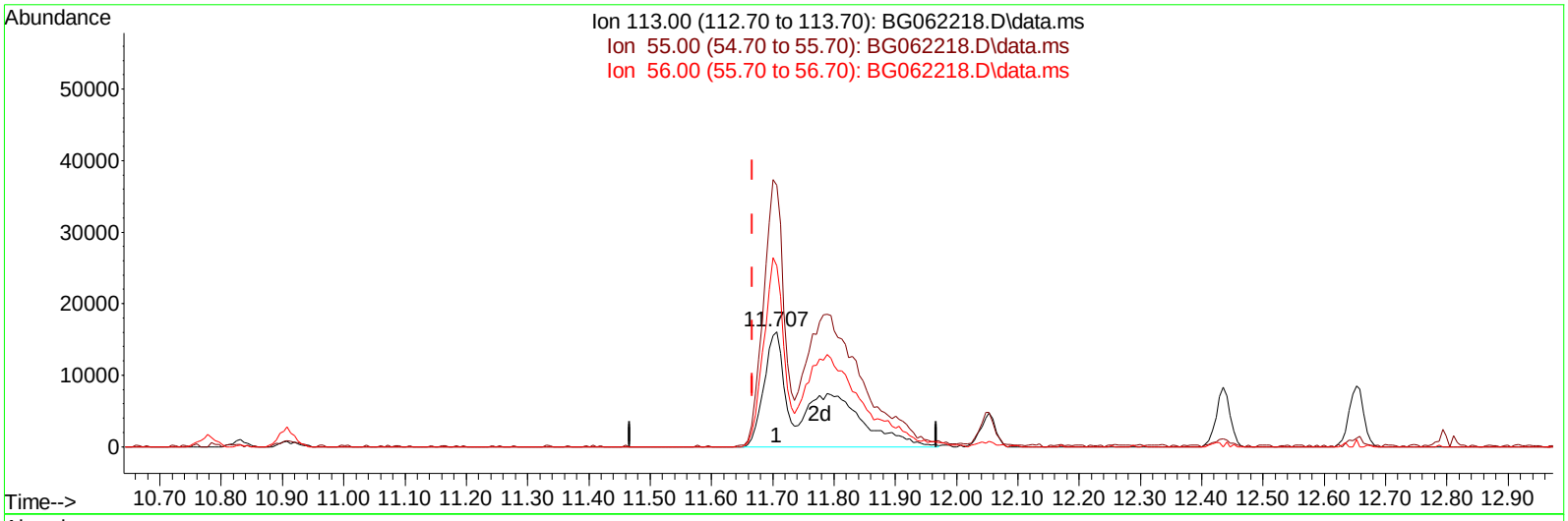

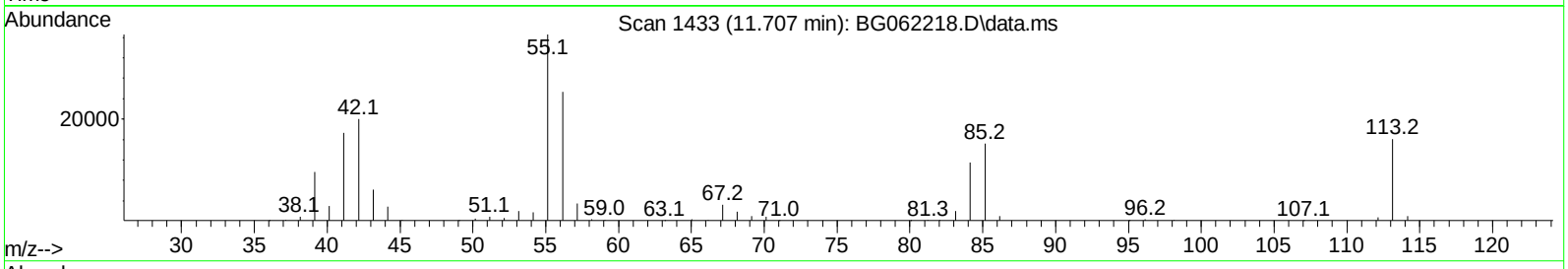

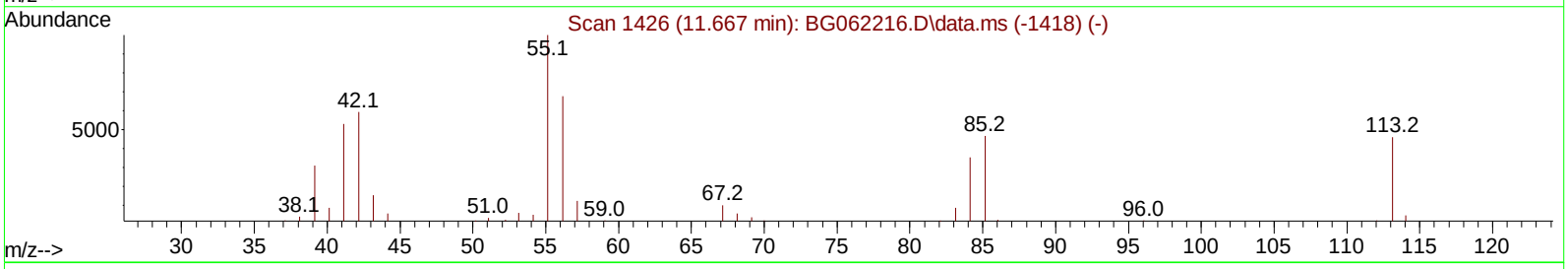

TIC: BG062218.D\data.ms

(34) Caprolactam

11.707min (+ 0.039) 82.08 ng/ul m

response 84983

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	221.20	227.16
56.00	147.00	157.19
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTD08038
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 01 02:13:07 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 31 16:23:55 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD080422

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.982	152	35528	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	167369	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.603	164	130948	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.346	188	301580	20.000	ng/ul	0.00
79) Chrysene-d12	21.599	240	298122	20.000	ng/ul	0.00
88) Perylene-d12	24.718	264	331429	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.435	96	25764	30.863	ng/uL	0.00
4) Pyridine-d5	3.841	84	213037	83.564	ng/ul	0.00
7) Phenol-d5	7.136	99	278206	81.824	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.312	67	166426	79.369	ng/ul	0.00
11) 2-Chlorophenol-d4	7.512	132	198380	86.745	ng/ul	0.00
15) 4-Methylphenol-d8	8.681	113	229003	80.924	ng/ul	0.00
21) Nitrobenzene-d5	9.139	128	77105	111.072	ng/ul	0.00
24) 2-Nitrophenol-d4	9.862	143	75396	115.931	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.397	165	217917	89.488	ng/ul	0.00
31) 4-Chloroaniline-d4	10.908	131	326861	79.333	ng/ul	0.00
46) Dimethylphthalate-d6	14.021	166	757816	76.792	ng/ul	0.00
49) Acenaphthylene-d8	14.297	160	825028	75.730	ng/ul	0.00
54) 4-Nitrophenol-d4	14.791	143	112096	94.644	ng/ul	0.02
60) Fluorene-d10	15.595	176	664654	75.800	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.713	200	69910	97.792	ng/ul	0.02
73) Anthracene-d10	17.446	188	1037779	74.672	ng/ul	0.00
81) Pyrene-d10	19.725	212	1272198	76.250	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.513	264	1272034	78.506	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.476	88	29768	28.910	ng/uL	97
5) Pyridine	3.864	79	224278	82.504	ng/ul	93
6) Benzaldehyde	7.119	77	132251	72.062	ng/ul	97
8) Phenol	7.166	94	284628	81.158	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.406	93	210433	79.526	ng/ul	97
12) 2-Chlorophenol	7.547	128	205159	86.359	ng/ul	97
13) 2-Methylphenol	8.417	108	218208	80.597	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.511	45	441622	78.432	ng/ul	98
16) Acetophenone	8.805	105	360048	78.343	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.805	70	196615	77.656	ng/ul#	98
18) 4-Methylphenol	8.752	108	239583	80.340	ng/ul	100
19) Hexachloroethane	9.069	117	77705	82.168	ng/ul	96
22) Nitrobenzene	9.181	77	231203	111.180	ng/ul	99
23) Isophorone	9.715	82	571060	77.277	ng/ul	97
25) 2-Nitrophenol	9.891	139	91922	122.016	ng/ul	95
26) 2,4-Dimethylphenol	9.950	107	259257	78.970	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.191	93	309619	77.418	ng/ul	98
29) 2,4-Dichlorophenol	10.420	162	216956	89.273	ng/ul	97
30) Naphthalene	10.831	128	712259	76.577	ng/ul	99
32) 4-Chloroaniline	10.931	127	309794	78.259	ng/ul	99
33) Hexachlorobutadiene	11.125	225	151496	78.745	ng/ul	97
34) Caprolactam	11.707	113	84983m	82.083	ng/ul	
35) 4-Chloro-3-methylphenol	12.053	107	252769	79.996	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.435	142	499578	75.993	ng/ul	99
37) 1-Methylnaphthalene	12.652	142	517340	76.353	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.799	216	300054	77.425	ng/ul	99
40) Hexachlorocyclopentadiene	12.787	237	170308	84.626	ng/ul	98
41) 2,4,6-Trichlorophenol	13.034	196	185089	96.652	ng/ul	98
42) 2,4,5-Trichlorophenol	13.105	196	201518	93.058	ng/ul	99
43) 1,1'-Biphenyl	13.445	154	713305	75.512	ng/ul	98
44) 2-Chloronaphthalene	13.481	162	565079	76.277	ng/ul	97
45) 2-Nitroaniline	13.674	65	157304	120.095	ng/ul	98
47) Dimethylphthalate	14.068	163	769515	75.146	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	113213	117.358	ng/ul	94
50) Acenaphthylene	14.326	152	929307	75.609	ng/ul	99
51) 3-Nitroaniline	14.503	138	113460	94.352	ng/ul#	93
52) Acenaphthene	14.667	153	648332	74.637	ng/ul	97
53) 2,4-Dinitrophenol	14.702	184	46027	91.069	ng/ul#	80
55) 4-Nitrophenol	14.808	109	103448	90.313	ng/ul	91
56) Dibenzofuran	15.002	168	909752	75.583	ng/ul	100
57) 2,4-Dinitrotoluene	14.961	165	155741	118.174	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.225	232	195579	94.889	ng/ul	98
59) Diethylphthalate	15.437	149	786317	74.897	ng/ul	99
61) Fluorene	15.654	166	699816	72.211	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.648	204	354954	72.364	ng/ul	96
63) 4-Nitroaniline	15.666	138	118102	88.343	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.725	198	80684	100.777	ng/ul	99
67) N-Nitrosodiphenylamine	15.860	169	655384	78.096	ng/ul	99
68) 4-Bromophenyl-phenylether	16.541	248	251016	77.714	ng/ul	98
69) Hexachlorobenzene	16.653	284	271925	77.877	ng/ul	99
70) Atrazine	16.817	200	254034	78.659	ng/ul	99
71) Pentachlorophenol	16.988	266	167599	75.733	ng/ul	96
72) Phenanthrene	17.393	178	1199301	73.707	ng/ul	99
74) Anthracene	17.481	178	1239713	73.604	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	306294	82.340	ng/ul	99
76) Pentachlorobenzene	14.920	250	317810	80.791	ng/ul	99
77) Carbazole	17.745	167	1038810	75.153	ng/ul	99
78) Di-n-butylphthalate	18.327	149	1267034	73.914	ng/ul	99
80) Fluoranthene	19.396	202	1470945	75.277	ng/ul	99
82) Pyrene	19.760	202	1514457	74.350	ng/ul	99
83) Butylbenzylphthalate	20.659	149	580436	84.917	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.493	252	500082	77.150	ng/ul	97
85) Benzo(a)anthracene	21.575	228	1619132	76.433	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.523	149	879627	82.325	ng/ul	99
87) Chrysene	21.646	228	1505020	76.019	ng/ul	99
89) Di-n-octyl phthalate	22.721	149	1512915	81.306	ng/ul	100
90) Benzo(b)fluoranthene	23.737	252	1567991	76.047	ng/ul	99
91) Benzo(k)fluoranthene	23.808	252	1584261	77.290	ng/ul	100
93) Benzo(a)pyrene	24.583	252	1501036	76.975	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.266	276	1821142	79.429	ng/ul	99
95) Dibenzo(a,h)anthracene	28.337	278	1511996	78.651	ng/ul	98
96) Benzo(g,h,i)perylene	29.371	276	1453803	79.004	ng/ul	98

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

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