Quantitation Report (Qedit)

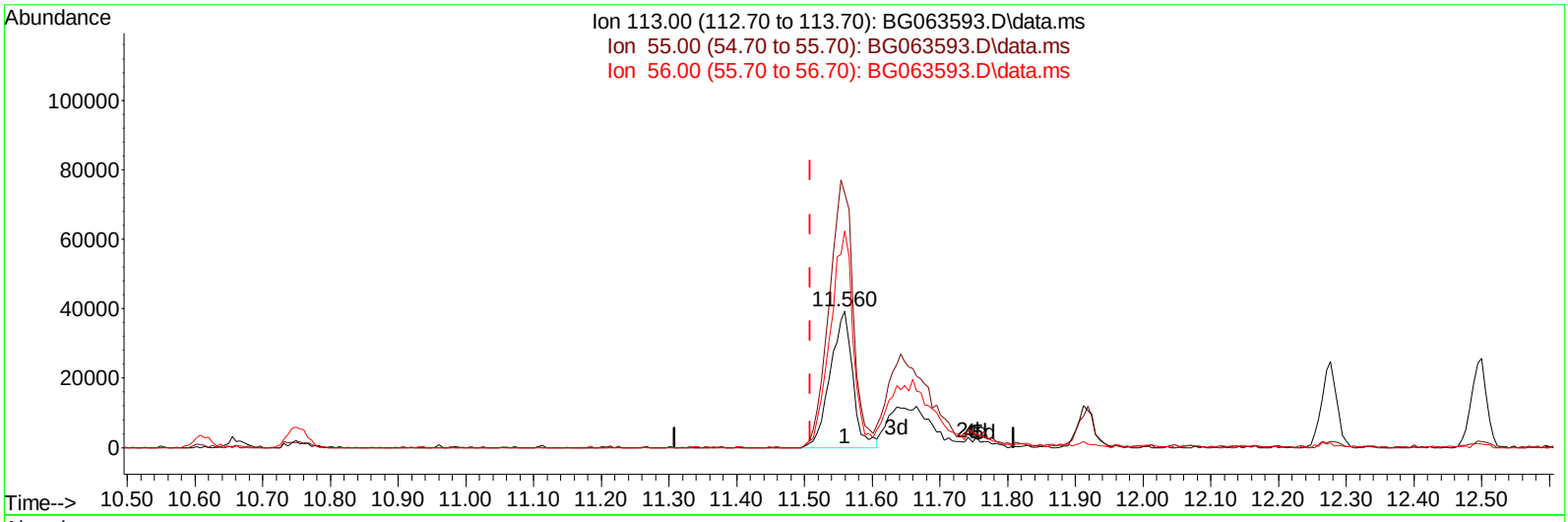
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120624\
Data File : BG063593.D
Acq On : 6 Dec 2024 14:46
Operator : RC/JU
Sample : SSTD08086
Misc :
ALS Vial : 6 Sample Multiplier: 1

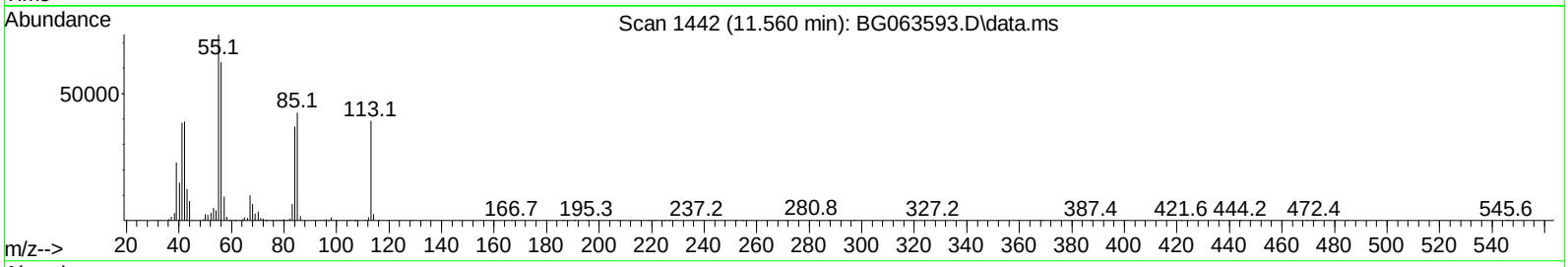
Quant Time: Dec 06 15:28:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG120624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 06 13:14:57 2024
Response via : Initial Calibration

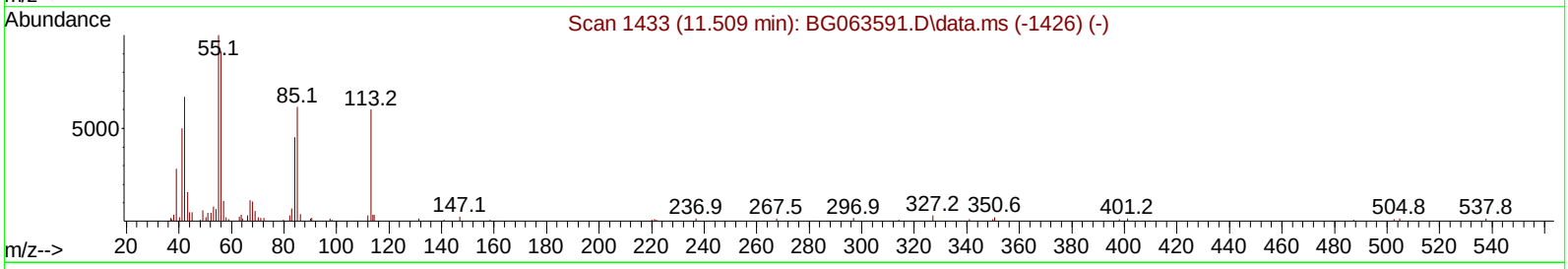
Instrument :
BNA_G
ClientSampleId :
SSTD080428

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/10/2024
Supervised By :mohammad ahmed 12/10/2024







TIC: BG063593.D\data.ms

(34) Caprolactam

11.560min (+ 0.051) 47.09 ng/ul

response 91143

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.60	186.29
56.00	152.00	158.80
0.00	0.00	0.00

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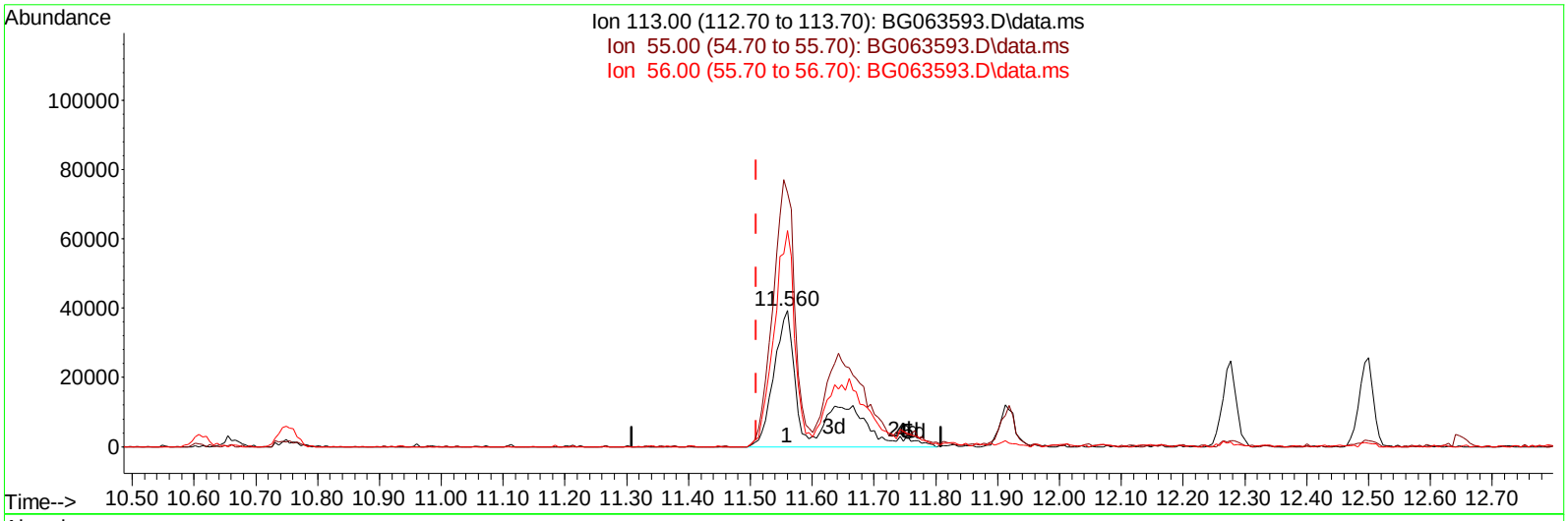

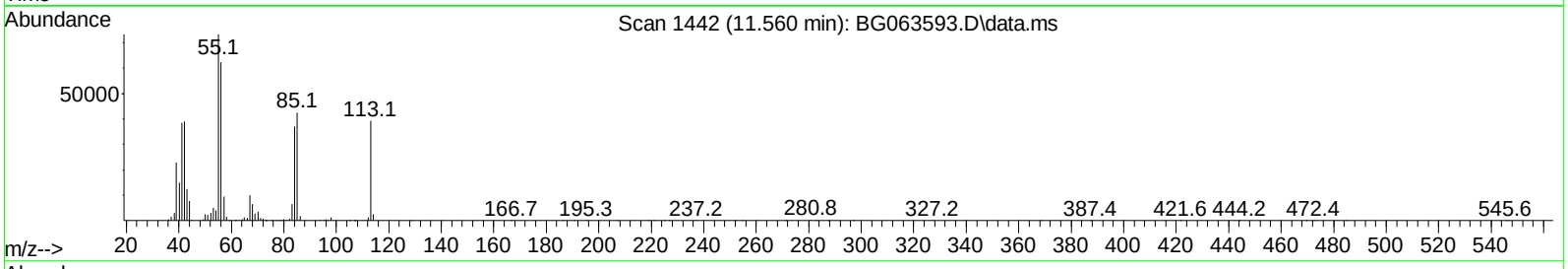

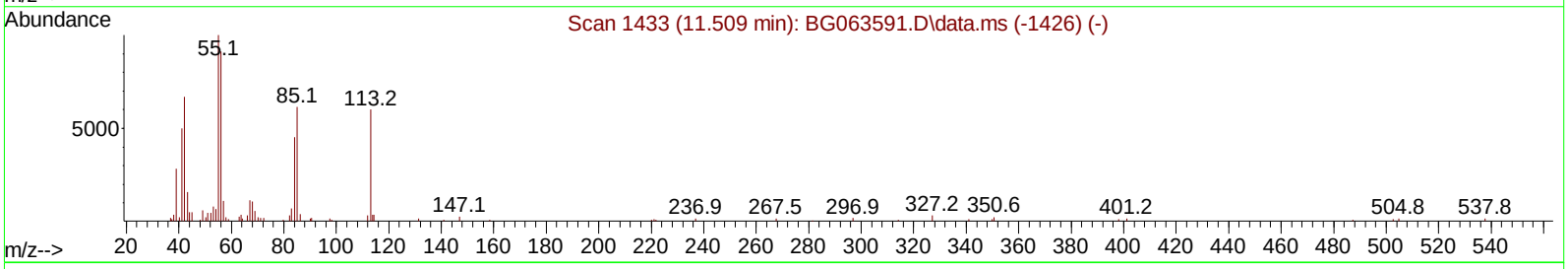

TIC: BG063593.D\data.ms

(34) Caprolactam

11.560min (+ 0.051) 77.69 ng/ul m

response 150373

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.60	186.29
56.00	152.00	158.80
0.00	0.00	0.00

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Sample : SSTD08086
Misc :
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_G
ClientSampleId :
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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	7.823	152	79187	20.000	ng/ul	0.00
20) Naphthalene-d8	10.608	136	347730	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.462	164	290716	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.218	188	776055	20.000	ng/ul	0.00
79) Chrysene-d12	21.478	240	873317	20.000	ng/ul	0.00
88) Perylene-d12	24.509	264	885221	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	57000	29.114	ng/uL	0.00
4) Pyridine-d5	3.687	84	512919	82.802	ng/ul	0.00
7) Phenol-d5	7.000	99	609956	92.308	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.153	67	401583	93.182	ng/ul	0.00
11) 2-Chlorophenol-d4	7.359	132	371613	81.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	453231	84.272	ng/ul	0.02
21) Nitrobenzene-d5	8.980	128	193605	79.692	ng/ul	0.00
24) 2-Nitrophenol-d4	9.697	143	225835	76.167	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.244	165	479185	82.021	ng/ul	0.00
31) 4-Chloroaniline-d4	10.749	131	577250	79.683	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	1629045	82.923	ng/ul	0.00
49) Acenaphthylene-d8	14.157	160	1750119	78.556	ng/ul	0.00
54) 4-Nitrophenol-d4	14.697	143	232478	82.559	ng/ul	0.02
60) Fluorene-d10	15.461	176	1518960	82.967	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.596	200	362279	84.735	ng/ul	0.00
73) Anthracene-d10	17.318	188	2653521	79.420	ng/ul	0.00
81) Pyrene-d10	19.621	212	3224767	72.996	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.310	264	3383528	79.285	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	65501	27.542	ng/uL#	70
5) Pyridine	3.704	79	532182	82.860	ng/ul#	84
6) Benzaldehyde	6.965	77	321414	80.072	ng/ul	93
8) Phenol	7.030	94	658510	91.187	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.247	93	455045	88.979	ng/ul	93
12) 2-Chlorophenol	7.388	128	368909	76.462	ng/ul	86
13) 2-Methylphenol	8.270	108	463547	87.637	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.340	45	591017	79.644	ng/ul	96
16) Acetophenone	8.640	105	818796	92.877	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.640	70	484302	98.379	ng/ul#	92
18) 4-Methylphenol	8.604	108	502580	87.491	ng/ul	97
19) Hexachloroethane	8.898	117	180261	82.790	ng/ul	88
22) Nitrobenzene	9.022	77	776110	97.296	ng/ul	94
23) Isophorone	9.550	82	1369458	94.259	ng/ul	99
25) 2-Nitrophenol	9.733	139	232666	78.216	ng/ul	98
26) 2,4-Dimethylphenol	9.797	107	580428	87.383	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.026	93	636953	82.438	ng/ul	98
29) 2,4-Dichlorophenol	10.267	162	480265	83.548	ng/ul	98
30) Naphthalene	10.661	128	1315199	75.051	ng/ul	97
32) 4-Chloroaniline	10.778	127	546125	78.531	ng/ul	95
33) Hexachlorobutadiene	10.949	225	461364	85.916	ng/ul	96
34) Caprolactam	11.560	113	150373m	77.693	ng/ul	
35) 4-Chloro-3-methylphenol	11.918	107	576137	93.481	ng/ul	88

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.277	142	997677	78.618	ng/ul	98
37) 1-Methylnaphthalene	12.500	142	1024229	76.990	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.653	216	879066	84.590	ng/ul	98
40) Hexachlorocyclopentadiene	12.629	237	420690	95.121	ng/ul	92
41) 2,4,6-Trichlorophenol	12.894	196	478424	85.494	ng/ul	99
42) 2,4,5-Trichlorophenol	12.976	196	506987	88.600	ng/ul	95
43) 1,1'-Biphenyl	13.293	154	1439723	75.263	ng/ul#	95
44) 2-Chloronaphthalene	13.334	162	1203710	79.671	ng/ul	96
45) 2-Nitroaniline	13.546	65	472417	99.680	ng/ul	95
47) Dimethylphthalate	13.922	163	1638084	84.383	ng/ul#	98
48) 2,6-Dinitrotoluene	14.051	165	313910	81.729	ng/ul	98
50) Acenaphthylene	14.186	152	1845370	81.835	ng/ul	98
51) 3-Nitroaniline	14.380	138	261930	75.037	ng/ul	88
52) Acenaphthene	14.533	153	1331200	81.296	ng/ul	97
53) 2,4-Dinitrophenol	14.592	184	201478	102.094	ng/ul	93
55) 4-Nitrophenol	14.709	109	361073	104.269	ng/ul	96
56) Dibenzofuran	14.868	168	1994885	83.512	ng/ul	93
57) 2,4-Dinitrotoluene	14.844	165	493537	83.478	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.097	232	479298	88.063	ng/ul	95
59) Diethylphthalate	15.297	149	1580861	81.131	ng/ul	99
61) Fluorene	15.520	166	1608760	79.294	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.508	204	1032845	84.118	ng/ul	97
63) 4-Nitroaniline	15.555	138	270016	75.954	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.614	198	367737	81.216	ng/ul#	95
67) N-Nitrosodiphenylamine	15.726	169	1493838	83.296	ng/ul	95
68) 4-Bromophenyl-phenylether	16.407	248	729320	85.089	ng/ul	95
69) Hexachlorobenzene	16.530	284	762670	83.712	ng/ul	99
70) Atrazine	16.689	200	663000	76.110	ng/ul	93
71) Pentachlorophenol	16.877	266	320272	80.818	ng/ul#	82
72) Phenanthrene	17.265	178	2771835	75.997	ng/ul	98
74) Anthracene	17.353	178	2923061	78.211	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.258	216	863590	78.013	ng/ul	97
76) Pentachlorobenzene	14.791	250	898529	81.957	ng/ul	99
77) Carbazole	17.623	167	2448474	79.573	ng/ul	97
78) Di-n-butylphthalate	18.187	149	2531855	73.206	ng/ul	97
80) Fluoranthene	19.286	202	3462796	71.649	ng/ul	99
82) Pyrene	19.650	202	3630061	69.818	ng/ul	99
83) Butylbenzylphthalate	20.543	149	1015513	66.226	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.378	252	1071416	60.491	ng/ul#	95
85) Benzo(a)anthracene	21.460	228	4183922	74.786	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.372	149	1428110	62.880	ng/ul	98
87) Chrysene	21.525	228	3870945	74.288	ng/ul	93
89) Di-n-octyl phthalate	22.518	149	2470487	67.573	ng/ul	100
90) Benzo(b)fluoranthene	23.558	252	3982398	75.146	ng/ul	99
91) Benzo(k)fluoranthene	23.622	252	3925024	75.042	ng/ul	97
93) Benzo(a)pyrene	24.374	252	3873249	78.383	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	27.946	276	4805882	79.354	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.005	278	3852461	77.997	ng/ul#	94
96) Benzo(g,h,i)perylene	29.028	276	3710415	80.712	ng/ul	98

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

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