Quantitation Report (Qedit)

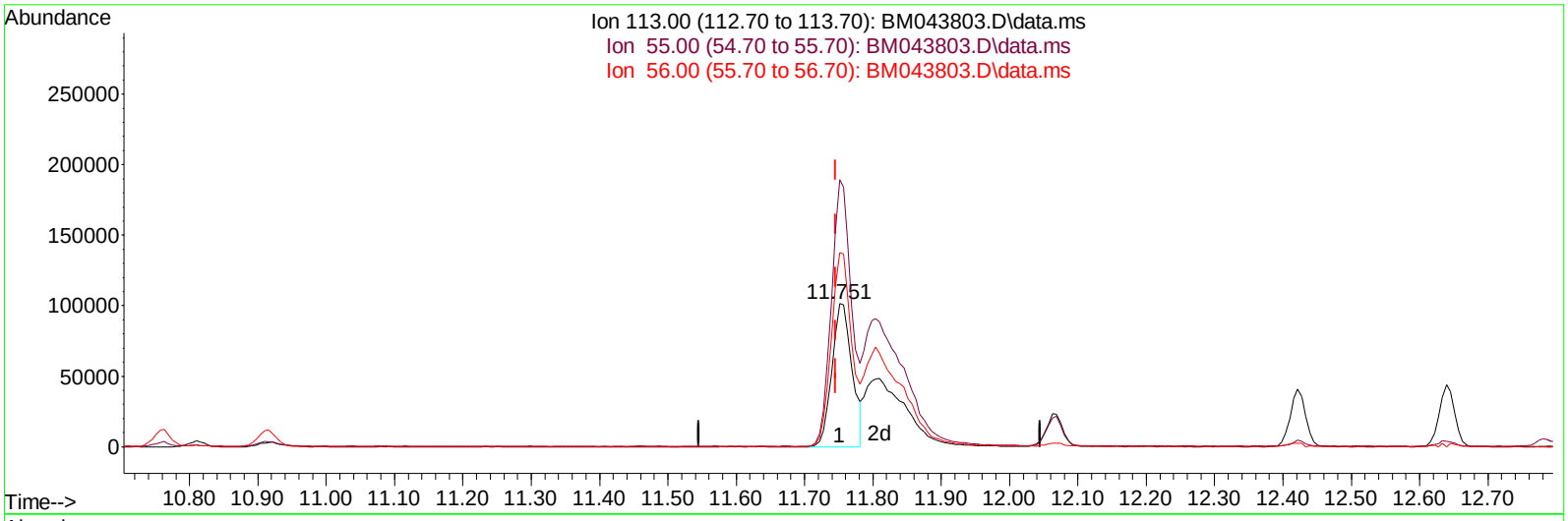
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010924\
Data File : BM043803.D
Acq On : 09 Jan 2024 15:25
Operator : MA/JU
Sample : SSTD04084
Misc :
ALS Vial : 6 Sample Multiplier: 1

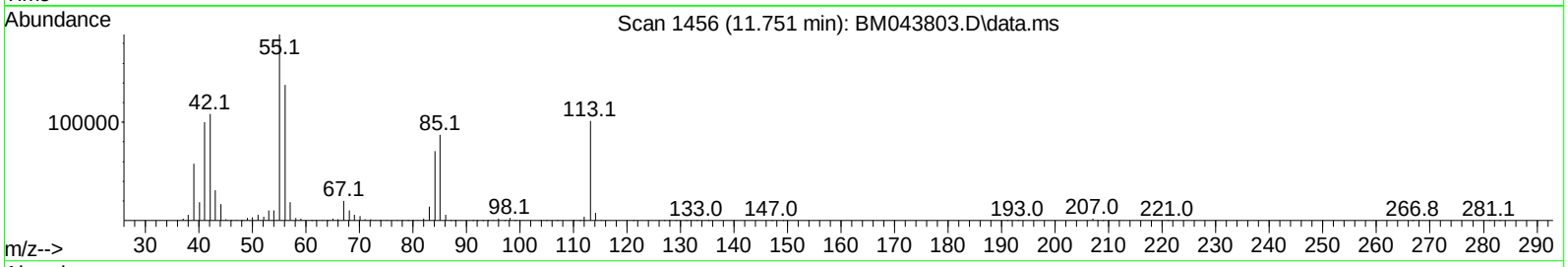
Quant Time: Jan 09 16:06:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM010924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 15:57:01 2024
Response via : Initial Calibration

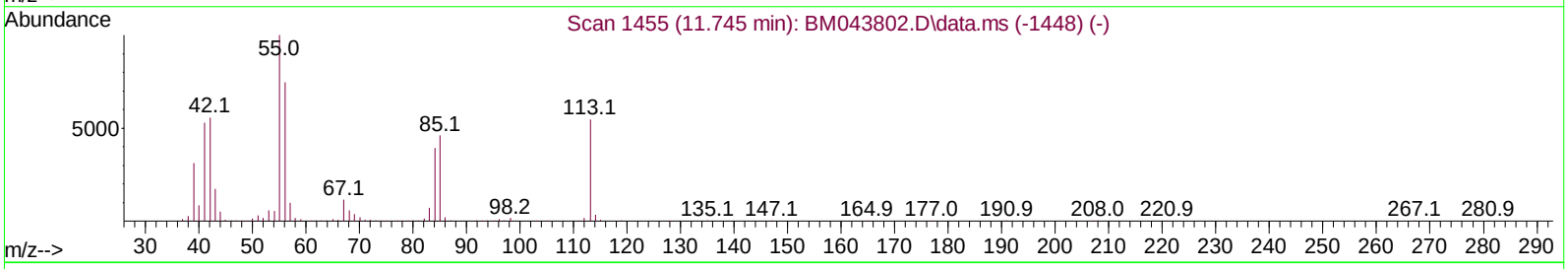
Instrument :
BNA_M
ClientSampleId :
SSTD040002

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/10/2024
Supervised By :mohammad ahmed 01/11/2024







TIC: BM043803.D\data.ms

(34) Caprolactam

11.751min (+ 0.006) 23.25 ng/ul

response 206765

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.10	186.36
56.00	137.40	135.75
0.00	0.00	0.00

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ClientSampleId :
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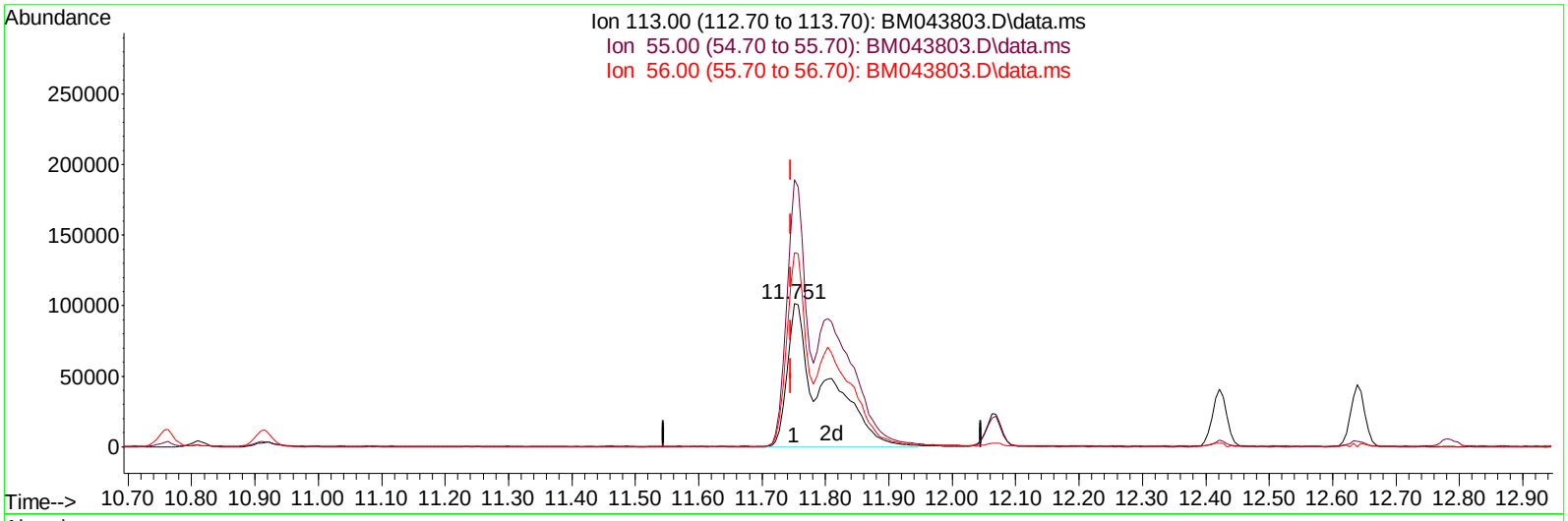

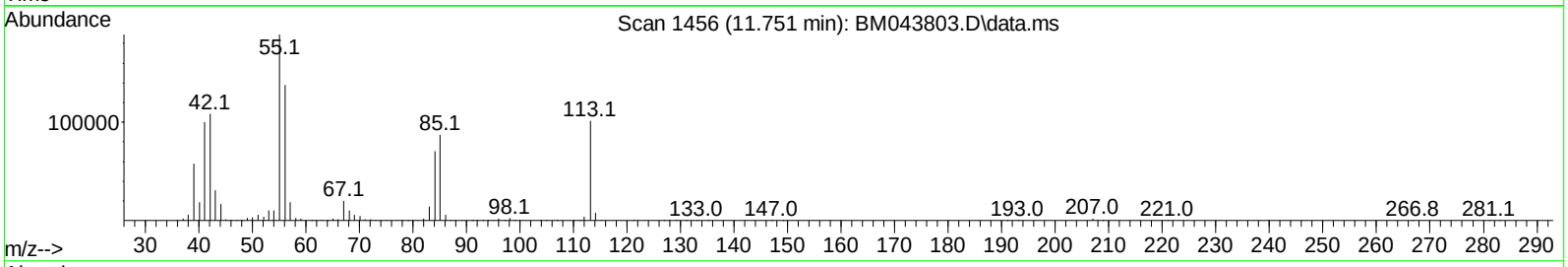

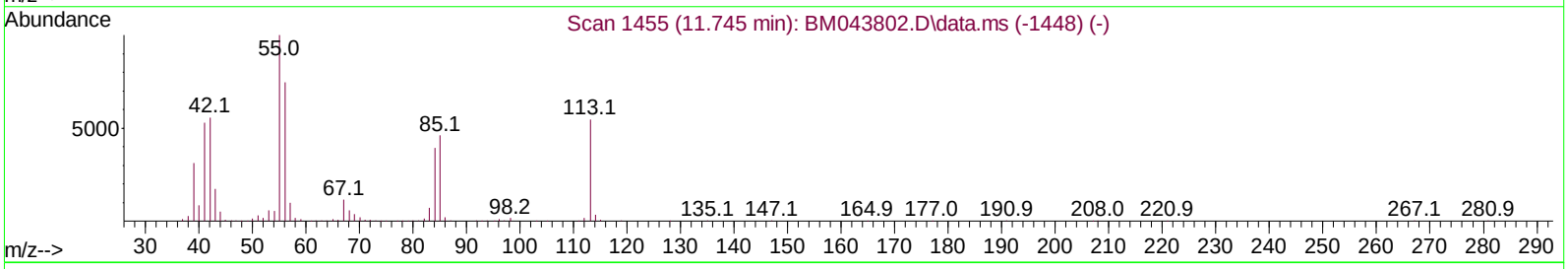

TIC: BM043803.D\data.ms

(34) Caprolactam

11.751min (+ 0.006) 45.69 ng/ul m

response 406317

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	184.10	186.36
56.00	137.40	135.75
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTD04084
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 09 16:07:17 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 09 15:57:01 2024
Response via : Initial Calibration

Instrument :
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ClientSampleId :
SSTD040002

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	366705	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1622044	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	998296	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.345	188	2074036	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1900844	20.000	ng/ul	0.00
88) Perylene-d12	23.962	264	1848792	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	154570	14.451	ng/uL	0.00
4) Pyridine-d5	3.781	84	1187206	38.157	ng/ul	0.00
7) Phenol-d5	7.122	99	1504287	37.616	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.292	67	941953	37.385	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	1159236	37.800	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	1220610	39.093	ng/ul	0.00
21) Nitrobenzene-d5	9.128	128	596712	39.463	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	679463	42.622	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	1202976	42.667	ng/ul	0.00
31) 4-Chloroaniline-d4	10.916	131	1778667	42.829	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	3546739	40.299	ng/ul	0.00
49) Acenaphthylene-d8	14.292	160	4125545	39.888	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	669217	40.580	ng/ul	0.00
60) Fluorene-d10	15.592	176	2988671	40.845	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	596743	43.453	ng/ul	0.00
73) Anthracene-d10	17.451	188	4535641	40.039	ng/ul	0.00
81) Pyrene-d10	19.739	212	5055098	35.410	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	4498017	40.501	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	160729	13.529	ng/uL	97
5) Pyridine	3.799	79	1215794	37.975	ng/ul	98
6) Benzaldehyde	7.098	77	638098	33.305	ng/ul	99
8) Phenol	7.151	94	1507909	38.295	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.387	93	1220616	38.119	ng/ul	99
12) 2-Chlorophenol	7.510	128	1191554	38.010	ng/ul	99
13) 2-Methylphenol	8.404	108	1170487	38.850	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	2069592	38.443	ng/ul	99
16) Acetophenone	8.792	105	1881368	39.316	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.781	70	1067964	37.387	ng/ul	99
18) 4-Methylphenol	8.739	108	1281189	39.210	ng/ul	96
19) Hexachloroethane	9.022	117	508236	38.400	ng/ul	96
22) Nitrobenzene	9.175	77	1458349	38.955	ng/ul	98
23) Isophorone	9.704	82	2975861	38.845	ng/ul	100
25) 2-Nitrophenol	9.881	139	712967	42.180	ng/ul	99
26) 2,4-Dimethylphenol	9.945	107	1344770	44.254	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.186	93	1738151	38.547	ng/ul	99
29) 2,4-Dichlorophenol	10.416	162	1176898	42.746	ng/ul	100
30) Naphthalene	10.810	128	3973739	39.494	ng/ul	100
32) 4-Chloroaniline	10.939	127	1742385	43.740	ng/ul	100
33) Hexachlorobutadiene	11.075	225	639691	44.812	ng/ul	100
34) Caprolactam	11.751	113	406317m	45.689	ng/ul	
35) 4-Chloro-3-methylphenol	12.069	107	1289091	40.275	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.422	142	2781859	40.389	ng/ul	99
37) 1-Methylnaphthalene	12.639	142	2740670	39.510	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.786	216	1281135	42.481	ng/ul	99
40) Hexachlorocyclopentadiene	12.745	237	792607	42.388	ng/ul	99
41) 2,4,6-Trichlorophenol	13.033	196	927680	43.262	ng/ul	100
42) 2,4,5-Trichlorophenol	13.110	196	985240	43.299	ng/ul	99
43) 1,1'-Biphenyl	13.433	154	3631884	39.321	ng/ul	100
44) 2-Chloronaphthalene	13.474	162	2810638	39.639	ng/ul	99
45) 2-Nitroaniline	13.698	65	910875	38.573	ng/ul	99
47) Dimethylphthalate	14.069	163	3547917	40.658	ng/ul	99
48) 2,6-Dinitrotoluene	14.198	165	733706	43.241	ng/ul	97
50) Acenaphthylene	14.321	152	4773747	40.047	ng/ul	99
51) 3-Nitroaniline	14.527	138	722305	37.809	ng/ul	100
52) Acenaphthene	14.663	153	3136726	39.879	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	423571	46.102	ng/ul	99
55) 4-Nitrophenol	14.845	109	517030	40.756	ng/ul	95
56) Dibenzofuran	14.998	168	4188876	40.968	ng/ul	100
57) 2,4-Dinitrotoluene	14.986	165	1090809	44.899	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.227	232	807042	45.443	ng/ul	94
59) Diethylphthalate	15.427	149	3671750	40.755	ng/ul	99
61) Fluorene	15.645	166	3624603	41.243	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.639	204	1685117	42.932	ng/ul	99
63) 4-Nitroaniline	15.692	138	590358	34.283	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.745	198	637732	43.394	ng/ul	96
67) N-Nitrosodiphenylamine	15.863	169	2923162	38.097	ng/ul	100
68) 4-Bromophenyl-phenylether	16.539	248	996917	41.342	ng/ul	96
69) Hexachlorobenzene	16.645	284	1166516	41.987	ng/ul	96
70) Atrazine	16.821	200	996354	51.946	ng/ul	98
71) Pentachlorophenol	16.998	266	686678	41.048	ng/ul	98
72) Phenanthrene	17.392	178	5437807	39.766	ng/ul	99
74) Anthracene	17.486	178	5542433	40.062	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.392	216	1259379	38.511	ng/uL	98
76) Pentachlorobenzene	14.910	250	1270512	39.660	ng/uL	99
77) Carbazole	17.762	167	5022778	42.571	ng/ul	100
78) Di-n-butylphthalate	18.321	149	6707303	42.637	ng/ul	99
80) Fluoranthene	19.409	202	6234337	35.267	ng/ul	99
82) Pyrene	19.768	202	6431360	35.370	ng/ul	98
83) Butylbenzylphthalate	20.674	149	3048368	38.169	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.456	252	1990043	42.763	ng/ul	100
85) Benzo(a)anthracene	21.521	228	6196447	39.854	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	4755266	41.035	ng/ul#	97
87) Chrysene	21.574	228	5578648	39.858	ng/ul	99
89) Di-n-octyl phthalate	22.392	149	7537911	43.703	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	5815193	41.949	ng/ul	99
91) Benzo(k)fluoranthene	23.274	252	5503524	40.642	ng/ul	99
93) Benzo(a)pyrene	23.856	252	5184498	41.024	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.491	276	5646706	37.704	ng/ul	99
95) Dibenzo(a,h)anthracene	26.509	278	4721075	38.041	ng/ul	99
96) Benzo(g,h,i)perylene	27.268	276	4177800	35.846	ng/ul	99

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

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