Quantitation Report (Qedit)

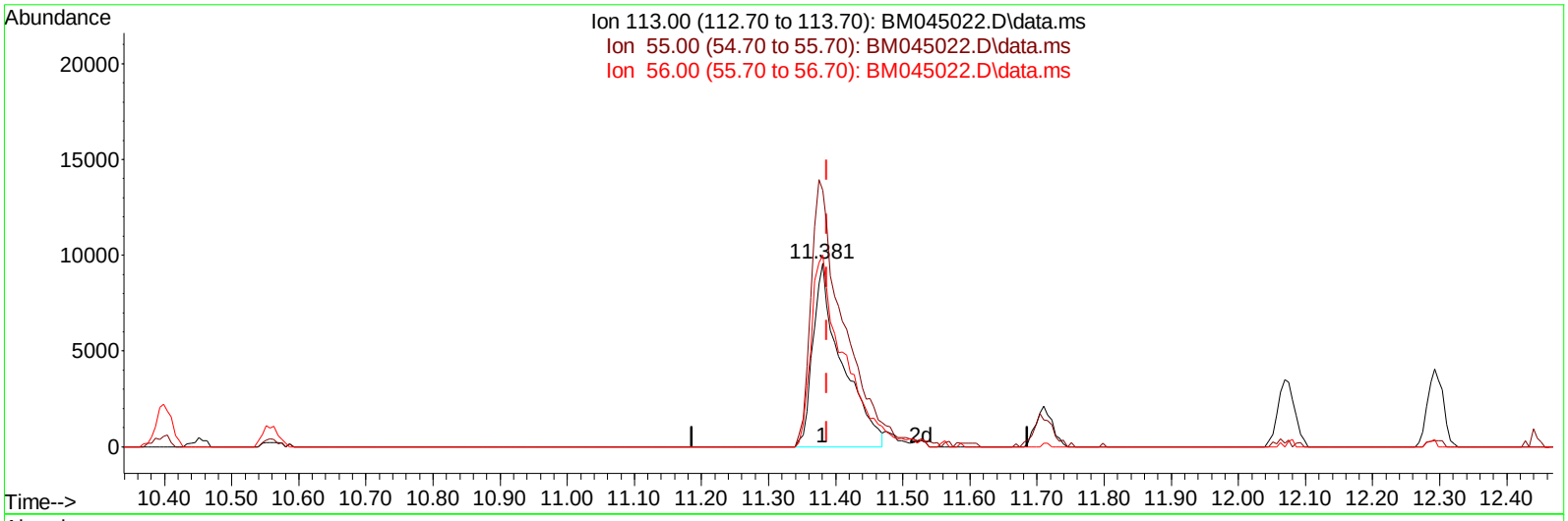
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040724\
Data File : BM045022.D
Acq On : 08 Apr 2024 00:31
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

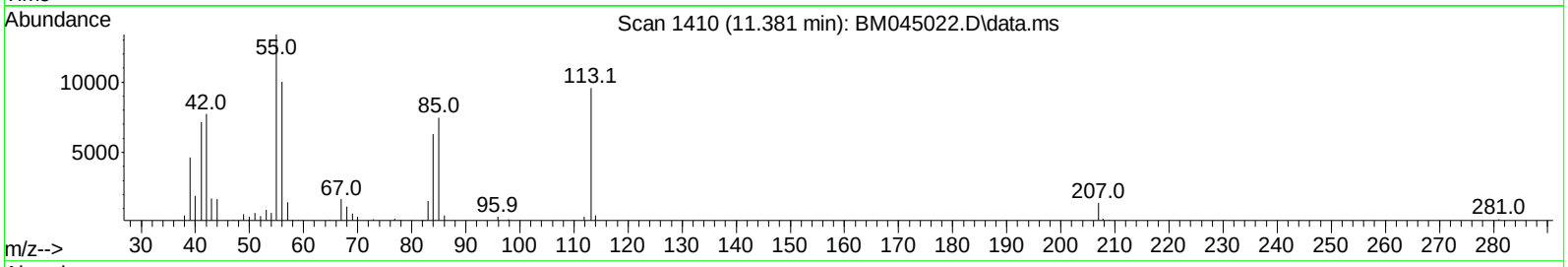
Quant Time: Apr 08 04:18:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 01:45:36 2024
Response via : Initial Calibration

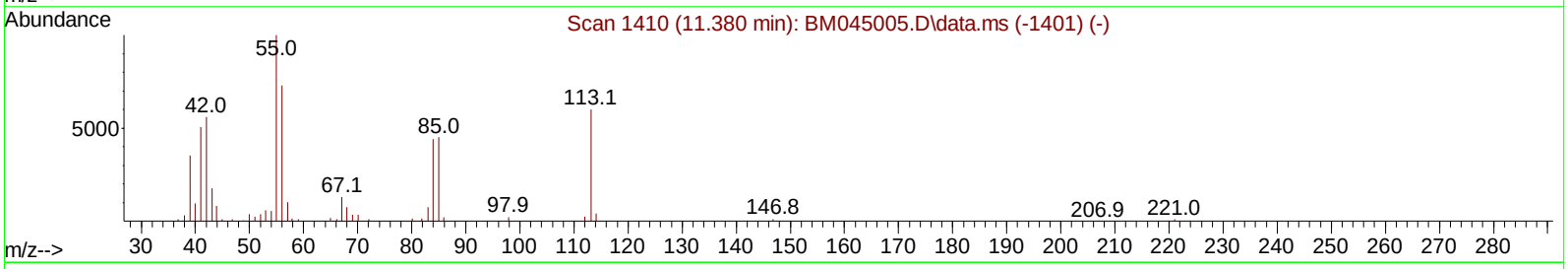
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024







TIC: BM045022.D\data.ms

(34) Caprolactam

11.381min (-0.006) 17.34 ng/ul

response 28708

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	139.80
56.00	114.80	104.60
0.00	0.00	0.00

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LabSampleId :
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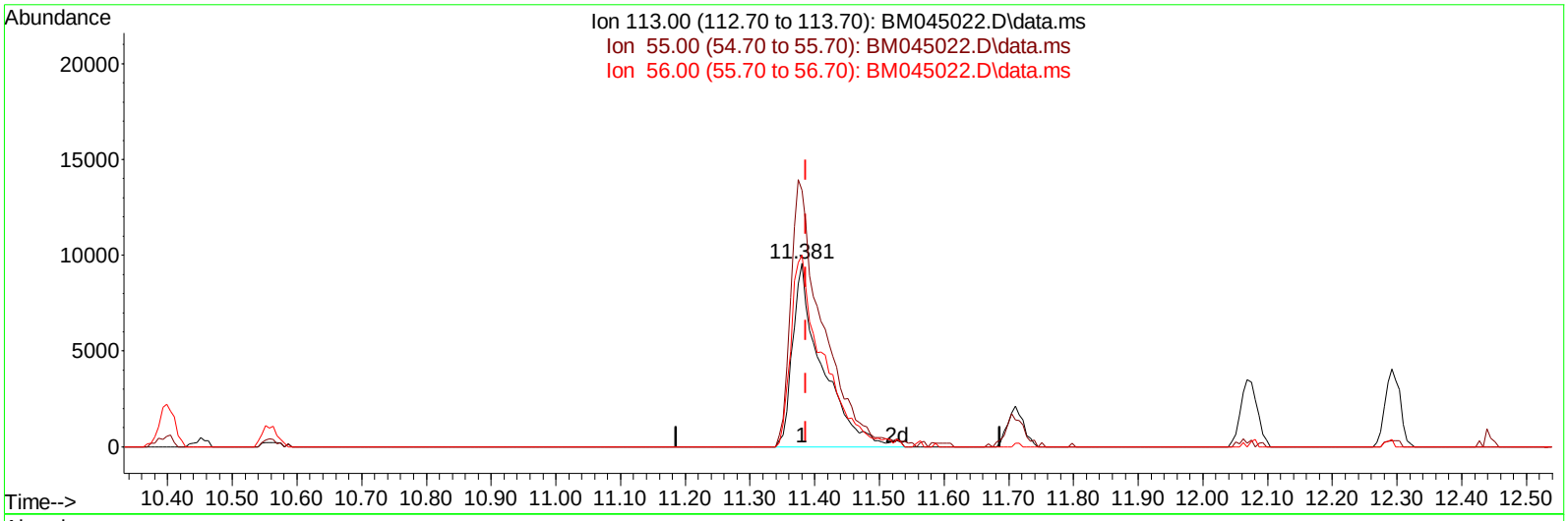

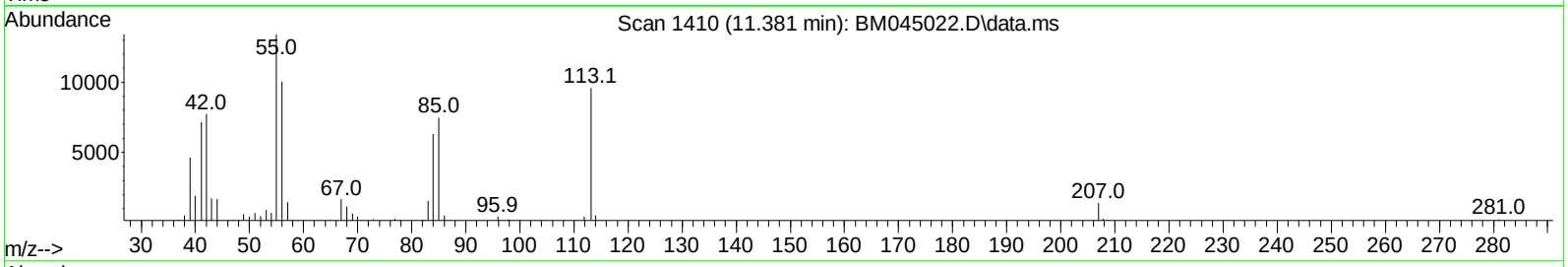

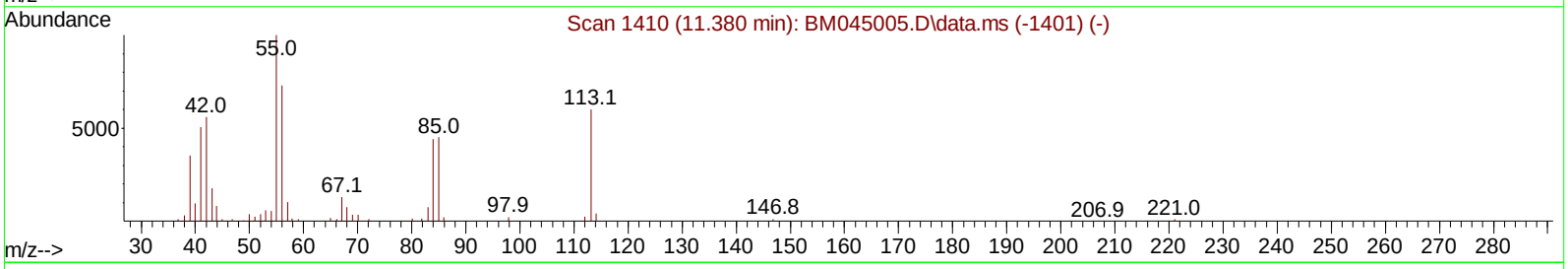

TIC: BM045022.D\data.ms

(34) Caprolactam

11.381min (-0.006) 18.25 ng/ul m

response 30207

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	139.80
56.00	114.80	104.60
0.00	0.00	0.00

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Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 20 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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Instrument :
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LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	76494	20.000	ng/ul	0.00
20) Naphthalene-d8	10.398	136	326498	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.274	164	204019	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.033	188	431839	20.000	ng/ul	-0.01
79) Chrysene-d12	21.239	240	409726	20.000	ng/ul	-0.01
88) Perylene-d12	23.462	264	485787	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	15266	7.452	ng/uL	0.00
4) Pyridine-d5	3.605	84	105194	18.884	ng/ul	0.00
7) Phenol-d5	6.810	99	129961	20.041	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	76845	19.890	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	108297	21.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	104091	20.507	ng/ul	0.00
21) Nitrobenzene-d5	8.787	128	52423	20.903	ng/ul	0.00
24) 2-Nitrophenol-d4	9.498	143	57515	21.728	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	106177	21.877	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.557	131	151616	19.622	ng/ul	0.00
46) Dimethylphthalate-d6	13.698	166	291524	20.522	ng/ul	-0.01
49) Acenaphthylene-d8	13.963	160	356917	21.268	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.510	143	51775	17.464	ng/ul	0.00
60) Fluorene-d10	15.274	176	261308	20.633	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.416	200	42719	16.684	ng/ul	0.00
73) Anthracene-d10	17.133	188	412554	21.237	ng/ul	-0.01
81) Pyrene-d10	19.439	212	473675	23.479	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.315	264	499578	21.081	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	16506	7.715	ng/uL	94
5) Pyridine	3.622	79	115676	19.598	ng/ul	95
6) Benzaldehyde	6.793	77	77326	25.723	ng/ul	95
8) Phenol	6.834	94	136525	20.330	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.075	93	104710	19.979	ng/ul	97
12) 2-Chlorophenol	7.193	128	112813	21.162	ng/ul	98
13) 2-Methylphenol	8.075	108	99744	20.123	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.145	45	129411	20.703	ng/ul	98
16) Acetophenone	8.457	105	163615	19.826	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.440	70	81211	20.842	ng/ul	97
18) 4-Methylphenol	8.398	108	108917	20.387	ng/ul	96
19) Hexachloroethane	8.681	117	48628	20.739	ng/ul	94
22) Nitrobenzene	8.828	77	130382	21.190	ng/ul	97
23) Isophorone	9.351	82	227672	20.139	ng/ul	99
25) 2-Nitrophenol	9.534	139	63357	21.564	ng/ul	92
26) 2,4-Dimethylphenol	9.592	107	118923	20.995	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.834	93	140072	20.900	ng/ul	97
29) 2,4-Dichlorophenol	10.057	162	106178	21.654	ng/ul	96
30) Naphthalene	10.451	128	358142	20.721	ng/ul	99
32) 4-Chloroaniline	10.581	127	147299	19.591	ng/ul	98
33) Hexachlorobutadiene	10.716	225	63548	20.844	ng/ul	94
34) Caprolactam	11.381	113	30207m	18.247	ng/ul	
35) 4-Chloro-3-methylphenol	11.710	107	104624	21.464	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	236147	20.926	ng/ul	100
37) 1-Methylnaphthalene	12.292	142	239098	20.937	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.445	216	120309	21.562	ng/ul	99
40) Hexachlorocyclopentadiene	12.404	237	52492	15.541	ng/ul	97
41) 2,4,6-Trichlorophenol	12.698	196	82593	22.692	ng/ul	98
42) 2,4,5-Trichlorophenol	12.775	196	87860	21.908	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	306103	21.247	ng/ul	99
44) 2-Chloronaphthalene	13.139	162	249156	21.287	ng/ul	98
45) 2-Nitroaniline	13.369	65	69317	21.454	ng/ul	98
47) Dimethylphthalate	13.751	163	303674	20.453	ng/ul	100
48) 2,6-Dinitrotoluene	13.874	165	60992	20.958	ng/ul	92
50) Acenaphthylene	13.992	152	412634	21.053	ng/ul	98
51) 3-Nitroaniline	14.210	138	64354	20.273	ng/ul	94
52) Acenaphthene	14.339	153	274270	20.971	ng/ul	100
53) 2,4-Dinitrophenol	14.427	184	24598	14.217	ng/ul	96
55) 4-Nitrophenol	14.522	109	44857	17.204	ng/ul	91
56) Dibenzofuran	14.680	168	374099	20.903	ng/ul	100
57) 2,4-Dinitrotoluene	14.674	165	91340	20.968	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.910	232	73908	21.533	ng/ul	99
59) Diethylphthalate	15.121	149	310122	20.473	ng/ul	99
61) Fluorene	15.333	166	308727	20.467	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.333	204	148367	20.985	ng/ul	96
63) 4-Nitroaniline	15.380	138	56473	19.567	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.433	198	46184	16.843	ng/ul	98
67) N-Nitrosodiphenylamine	15.551	169	249401	21.409	ng/ul	99
68) 4-Bromophenyl-phenylether	16.227	248	92920	22.093	ng/ul	96
69) Hexachlorobenzene	16.327	284	115951	21.194	ng/ul	97
70) Atrazine	16.521	200	87200	20.350	ng/ul	99
71) Pentachlorophenol	16.686	266	64757	19.486	ng/ul	98
72) Phenanthrene	17.074	178	483981	20.826	ng/ul	98
74) Anthracene	17.168	178	505485	21.264	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.057	216	121877	22.392	ng/uL	98
76) Pentachlorobenzene	14.592	250	127517	22.020	ng/uL	98
77) Carbazole	17.451	167	449478	19.609	ng/ul	99
78) Di-n-butylphthalate	18.021	149	547513	21.181	ng/ul	99
80) Fluoranthene	19.104	202	567980	23.869	ng/ul	98
82) Pyrene	19.468	202	596941	23.247	ng/ul	99
83) Butylbenzylphthalate	20.392	149	251469	23.374	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.174	252	185347	20.345	ng/ul	95
85) Benzo(a)anthracene	21.227	228	594607	21.388	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.168	149	383927	22.830	ng/ul	98
87) Chrysene	21.280	228	545441	21.046	ng/ul	99
89) Di-n-octyl phthalate	22.050	149	638845	20.901	ng/ul	100
90) Benzo(b)fluoranthene	22.792	252	598113	21.125	ng/ul	98
91) Benzo(k)fluoranthene	22.839	252	613522	21.528	ng/ul	99
93) Benzo(a)pyrene	23.362	252	575237	20.875	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.691	276	726551	20.355	ng/ul	100
95) Dibenzo(a,h)anthracene	25.703	278	610508	20.457	ng/ul	99
96) Benzo(g,h,i)perylene	26.368	276	576302	20.466	ng/ul	99

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

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