Quantitation Report (Qedit)

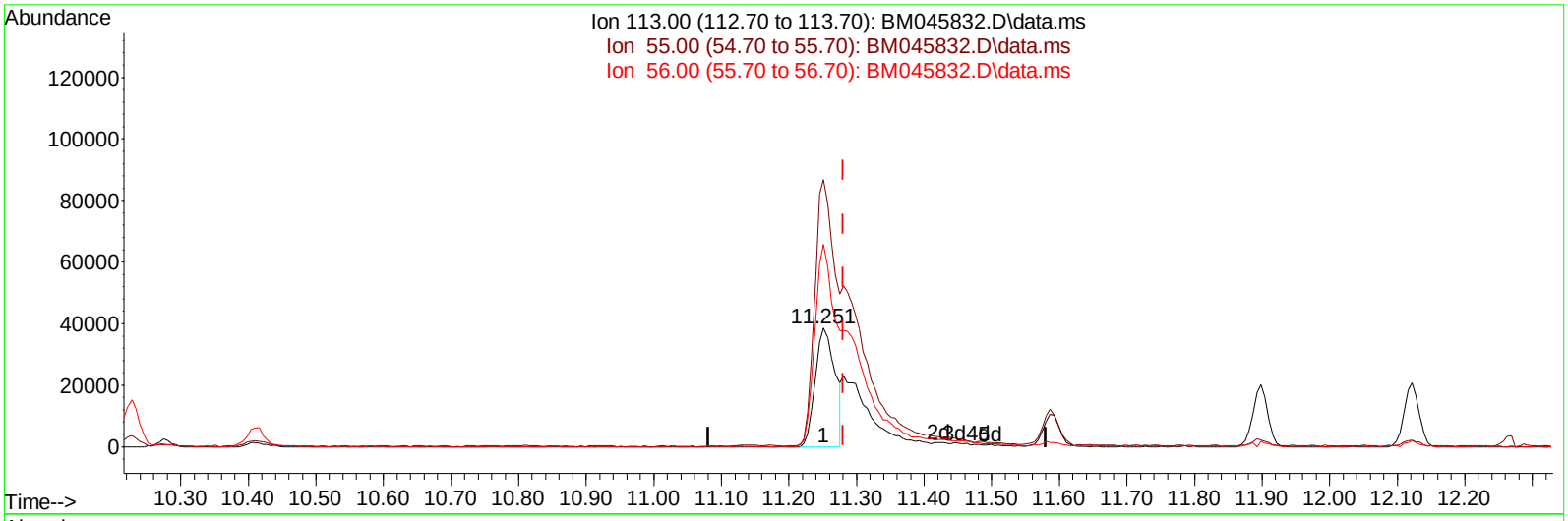
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045832.D
Acq On : 05 Jun 2024 01:48
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

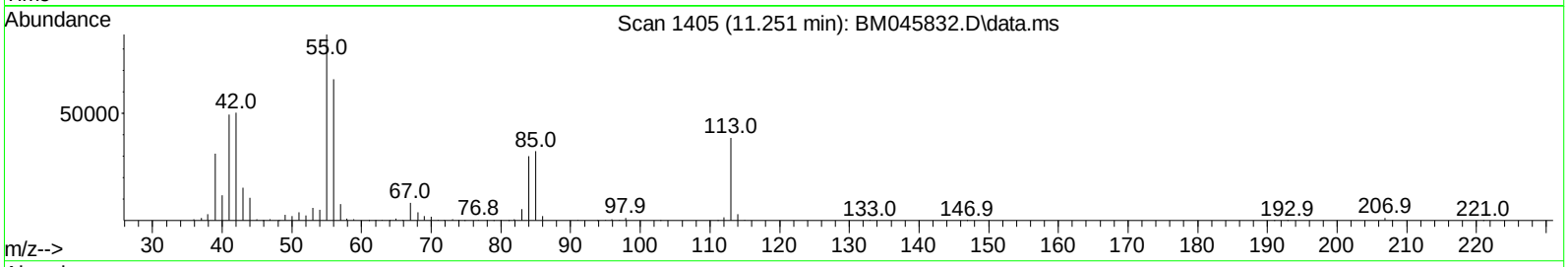
Quant Time: Jun 05 02:29:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

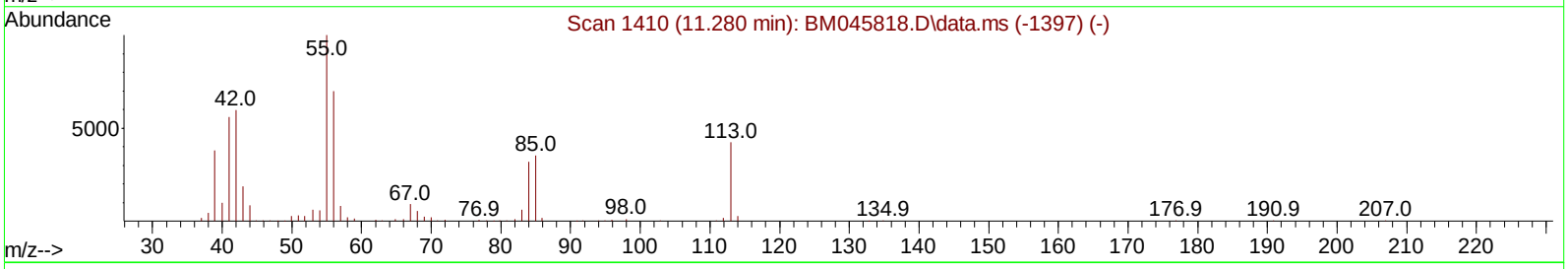
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045832.D\data.ms

(34) Caprolactam

11.251min (-0.029) 12.92 ng/ul

response 78254

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	224.87
56.00	162.60	170.71
0.00	0.00	0.00

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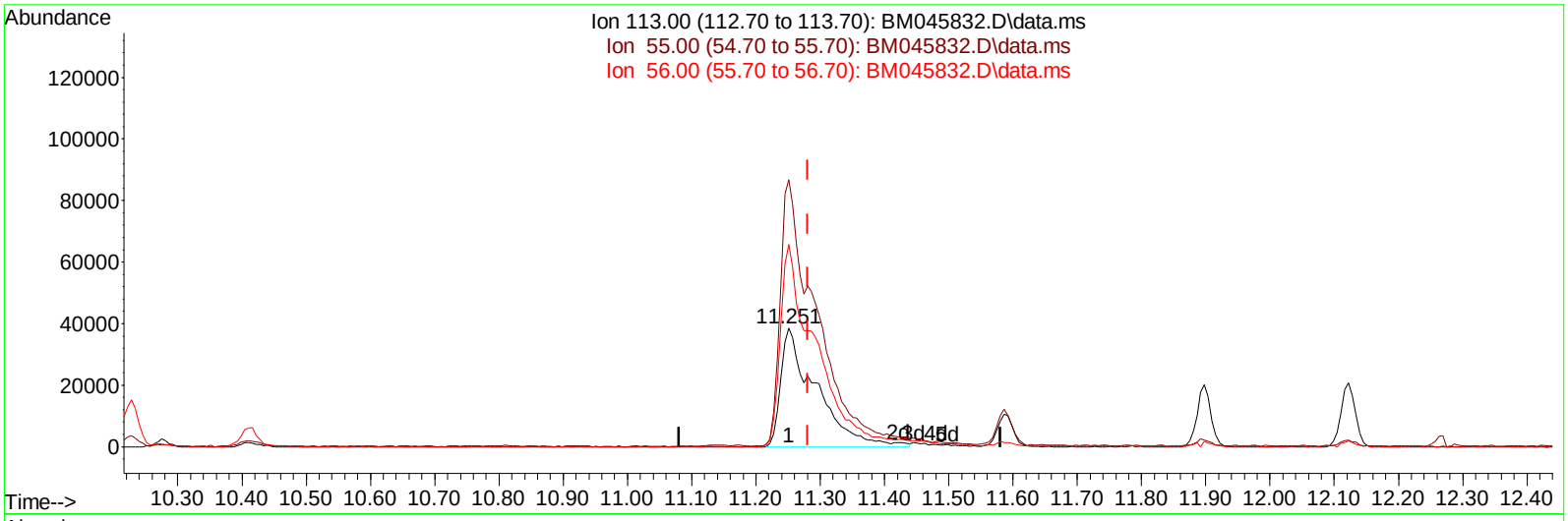

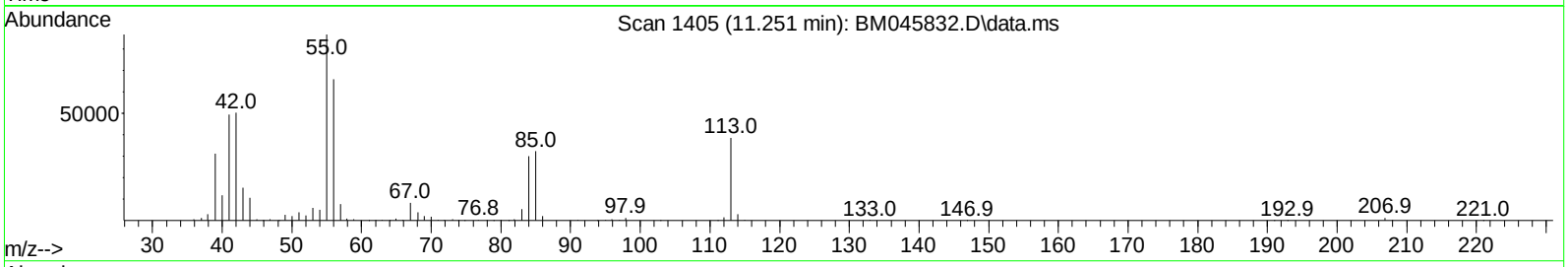

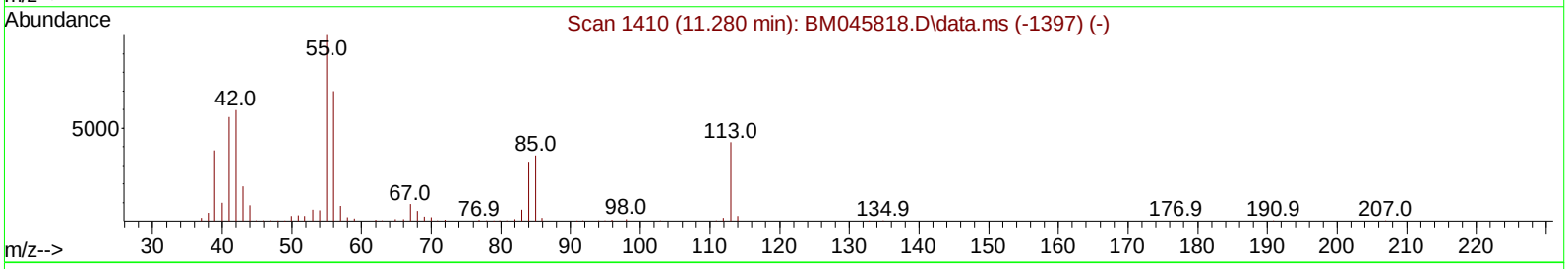

TIC: BM045832.D\data.ms

(34) Caprolactam

11.251min (-0.029) 24.24 ng/ul m

response 146789

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	224.87
56.00	162.60	170.71
0.00	0.00	0.00

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Instrument :
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LabSampleId :
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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	7.463	152	342124	20.000	ng/ul	0.00
20) Naphthalene-d8	10.228	136	1454232	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.104	164	911636	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.851	188	1697068	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	1068646	20.000	ng/ul	0.00
88) Perylene-d12	23.786	264	1131708	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	65135	7.381	ng/uL	0.00
4) Pyridine-d5	3.458	84	457917	20.154	ng/ul	-0.01
7) Phenol-d5	6.722	99	617895	21.260	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67	435152	20.850	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	474458	21.854	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	487958	22.222	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	247446	21.763	ng/ul	0.00
24) 2-Nitrophenol-d4	9.340	143	271793	23.619	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	490931	22.750	ng/ul	0.00
31) 4-Chloroaniline-d4	10.410	131	648746	21.722	ng/ul	-0.01
46) Dimethylphthalate-d6	13.557	166	1369874	21.705	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1578200	21.534	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	283828	20.838	ng/ul	0.00
60) Fluorene-d10	15.104	176	1148084	21.323	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	154577	17.837	ng/ul	0.00
73) Anthracene-d10	16.951	188	1580344	21.421	ng/ul	0.00
81) Pyrene-d10	19.251	212	1530054	23.023	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.597	264	1142629	21.603	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	72405	7.413	ng/uL	99
5) Pyridine	3.475	79	471351	20.200	ng/ul	99
6) Benzaldehyde	6.634	77	318564	23.303	ng/ul	97
8) Phenol	6.746	94	638150	21.171	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.922	93	521809	20.740	ng/ul	99
12) 2-Chlorophenol	7.057	128	491540	21.491	ng/ul	99
13) 2-Methylphenol	7.963	108	479389	21.719	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.998	45	1080025	21.795	ng/ul	99
16) Acetophenone	8.298	105	799767	21.854	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.287	70	452253	22.364	ng/ul	97
18) 4-Methylphenol	8.293	108	511679	22.404	ng/ul	99
19) Hexachloroethane	8.528	117	228691	20.818	ng/ul	96
22) Nitrobenzene	8.669	77	678976	21.337	ng/ul	98
23) Isophorone	9.192	82	1274534	22.668	ng/ul	99
25) 2-Nitrophenol	9.369	139	285827	22.722	ng/ul	99
26) 2,4-Dimethylphenol	9.475	107	563229	22.071	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.675	93	721107	21.124	ng/ul	100
29) 2,4-Dichlorophenol	9.910	162	479997	22.326	ng/ul	98
30) Naphthalene	10.275	128	1632488	21.052	ng/ul	99
32) 4-Chloroaniline	10.434	127	628034	21.513	ng/ul	96
33) Hexachlorobutadiene	10.569	225	306763	20.828	ng/ul	99
34) Caprolactam	11.251	113	146789m	24.241	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	541014	23.195	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.898	142	1100314	21.425	ng/ul	100
37) 1-Methylnaphthalene	12.122	142	1100343	21.430	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.275	216	565058	20.696	ng/ul	97
40) Hexachlorocyclopentadiene	12.263	237	271422	16.380	ng/ul	100
41) 2,4,6-Trichlorophenol	12.545	196	370465	23.322	ng/ul	96
42) 2,4,5-Trichlorophenol	12.633	196	386924	22.446	ng/ul	100
43) 1,1'-Biphenyl	12.939	154	1420466	21.001	ng/ul	99
44) 2-Chloronaphthalene	12.969	162	1104702	20.842	ng/ul	98
45) 2-Nitroaniline	13.216	65	418426	23.119	ng/ul	98
47) Dimethylphthalate	13.604	163	1385387	21.618	ng/ul	100
48) 2,6-Dinitrotoluene	13.710	165	279384	22.662	ng/ul	98
50) Acenaphthylene	13.827	152	1798787	21.207	ng/ul	99
51) 3-Nitroaniline	14.057	138	262651	23.201	ng/ul	100
52) Acenaphthene	14.169	153	1186650	20.965	ng/ul	100
53) 2,4-Dinitrophenol	14.245	184	123006	21.913	ng/ul	98
55) 4-Nitrophenol	14.422	109	236035	21.004	ng/ul	96
56) Dibenzofuran	14.510	168	1610643	21.101	ng/ul	99
57) 2,4-Dinitrotoluene	14.498	165	393836	23.090	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.757	232	299945	23.029	ng/ul	92
59) Diethylphthalate	14.969	149	1438292	22.414	ng/ul	98
61) Fluorene	15.163	166	1317638	21.424	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.169	204	641258	21.006	ng/ul	99
63) 4-Nitroaniline	15.233	138	241417	25.682	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.257	198	163710	17.212	ng/ul	93
67) N-Nitrosodiphenylamine	15.386	169	1075823	22.370	ng/ul	100
68) 4-Bromophenyl-phenylether	16.057	248	387347	21.892	ng/ul	98
69) Hexachlorobenzene	16.163	284	415968	21.258	ng/ul	98
70) Atrazine	16.357	200	308403	21.155	ng/ul	100
71) Pentachlorophenol	16.527	266	209227	21.073	ng/ul	96
72) Phenanthrene	16.892	178	1881548	21.042	ng/ul	99
74) Anthracene	16.986	178	1884616	21.100	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.892	216	560124	21.282	ng/uL	100
76) Pentachlorobenzene	14.427	250	528785	21.480	ng/uL	98
77) Carbazole	17.274	167	1625954	21.335	ng/ul	99
78) Di-n-butylphthalate	17.845	149	2314348	23.092	ng/ul	99
80) Fluoranthene	18.915	202	1908977	23.694	ng/ul	99
82) Pyrene	19.280	202	1890163	22.834	ng/ul	99
83) Butylbenzylphthalate	20.209	149	849607	25.184	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.998	252	429707	20.357	ng/ul	100
85) Benzo(a)anthracene	21.045	228	1562998	21.182	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.998	149	1221794	24.376	ng/ul	99
87) Chrysene	21.103	228	1436529	21.045	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	1969367	22.754	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	1469814	21.134	ng/ul	99
91) Benzo(k)fluoranthene	22.986	252	1405645	20.692	ng/ul	97
93) Benzo(a)pyrene	23.656	252	1303438	21.328	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.785	276	1498805	22.457	ng/ul	99
95) Dibenzo(a,h)anthracene	26.833	278	1187794	22.502	ng/ul	98
96) Benzo(g,h,i)perylene	27.721	276	1292855	21.994	ng/ul	98

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

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