Quantitation Report (Qedit)

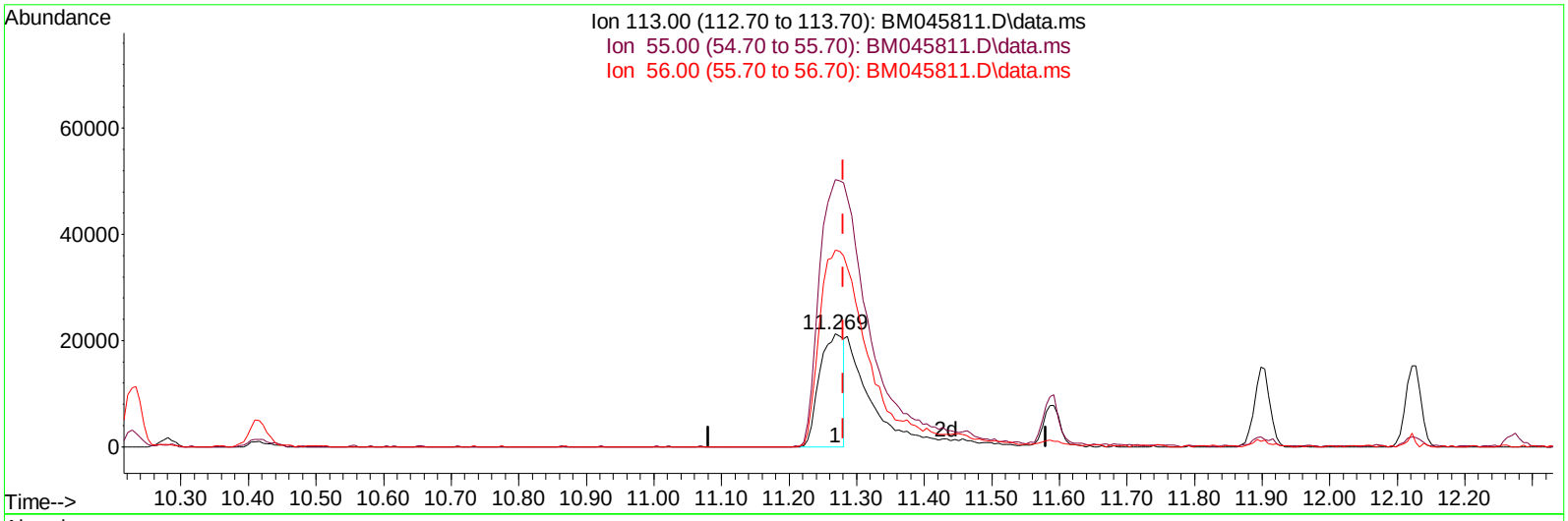
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045811.D
Acq On : 04 Jun 2024 10:58
Operator : MA/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

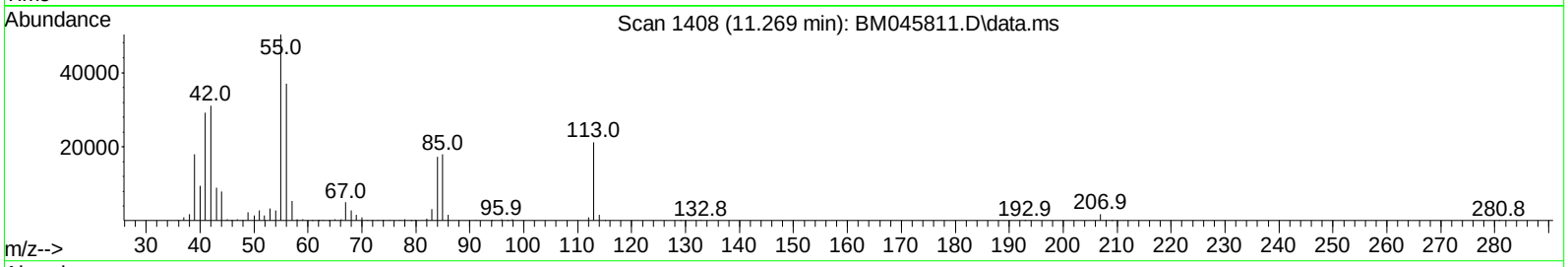
Quant Time: Jun 04 12:30:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

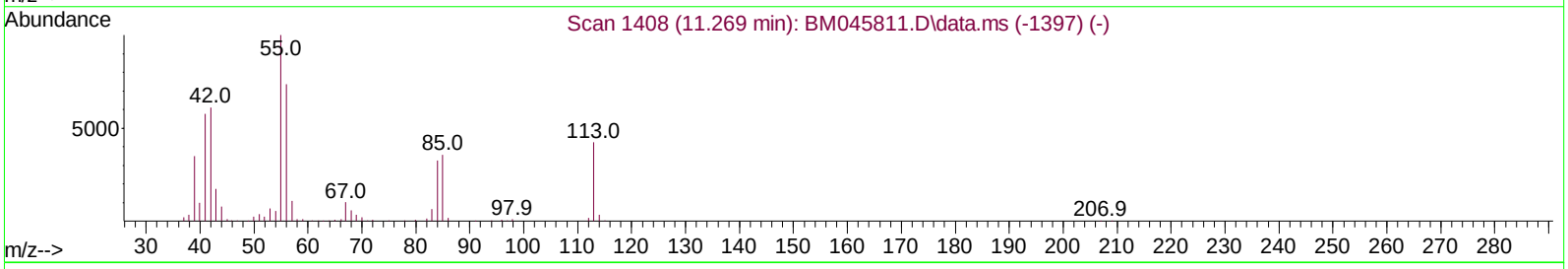
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045811.D\data.ms

(34) Caprolactam

11.269min (-0.012) 11.51 ng/ul

response 52323

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	236.42
56.00	162.60	174.27
0.00	0.00	0.00

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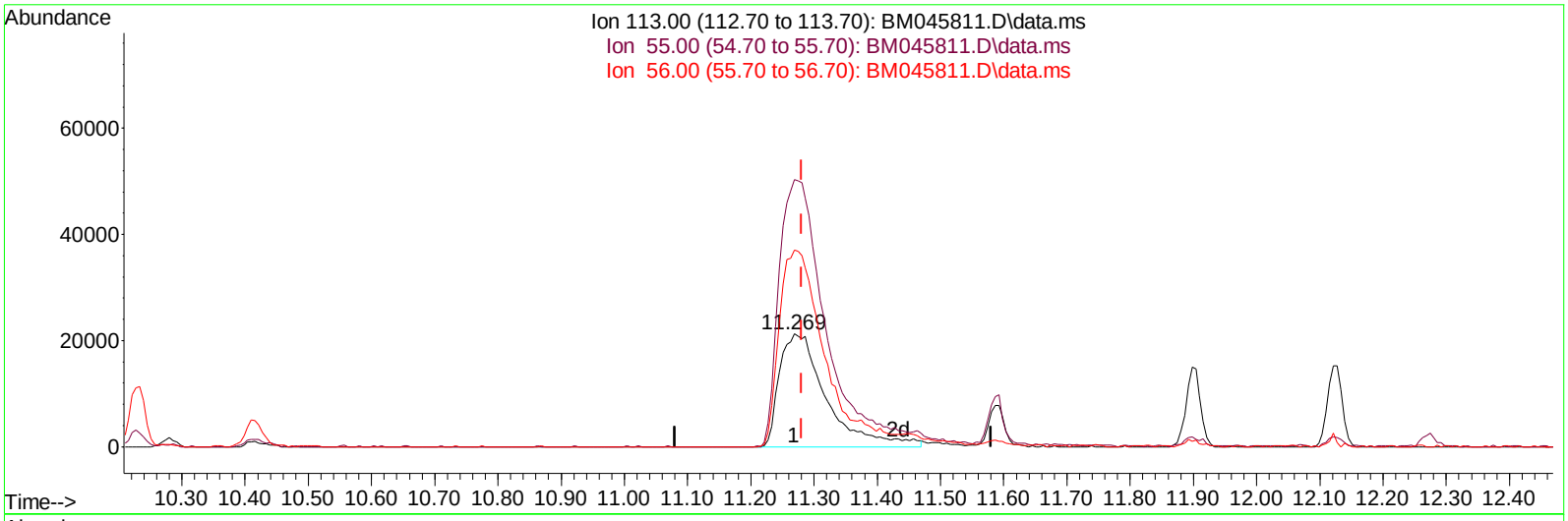

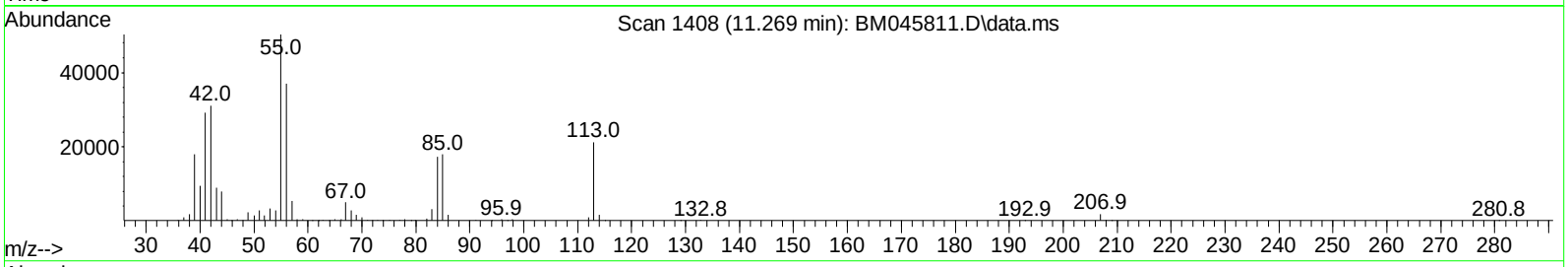

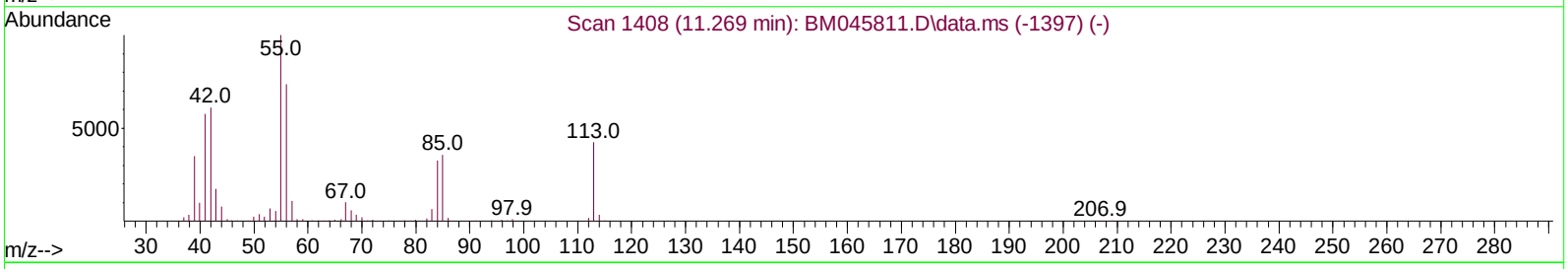

TIC: BM045811.D\data.ms

(34) Caprolactam

11.269min (-0.012) 24.00 ng/ul m

response 109114

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	236.42
56.00	162.60	174.27
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

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	7.469	152	252634	20.000	ng/ul	0.00
20) Naphthalene-d8	10.228	136	1091916	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.104	164	712283	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	1485433	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	1258269	20.000	ng/ul	0.00
88) Perylene-d12	23.785	264	1229712	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	52431	8.046	ng/uL	0.00
4) Pyridine-d5	3.463	84	339670	20.245	ng/ul	0.00
7) Phenol-d5	6.716	99	452793	21.097	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	339021	21.998	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	340711	21.253	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	357580	22.053	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	177845	20.831	ng/ul	0.00
24) 2-Nitrophenol-d4	9.339	143	184244	21.323	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	348584	21.514	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	497461	22.184	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1090762	22.120	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1216814	21.250	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	236307	22.205	ng/ul	0.00
60) Fluorene-d10	15.104	176	921004	21.893	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	130976	17.267	ng/ul	0.00
73) Anthracene-d10	16.951	188	1392039	21.557	ng/ul	0.00
81) Pyrene-d10	19.250	212	1605733	20.520	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1249231	21.736	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	58503	8.112	ng/uL	95
5) Pyridine	3.481	79	355712	20.644	ng/ul	97
6) Benzaldehyde	6.640	77	233222	23.104	ng/ul	95
8) Phenol	6.745	94	473223	21.261	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.922	93	399668	21.512	ng/ul	99
12) 2-Chlorophenol	7.057	128	358385	21.220	ng/ul	99
13) 2-Methylphenol	7.963	108	353157	21.668	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.004	45	834424	22.803	ng/ul	100
16) Acetophenone	8.304	105	620084	22.946	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.292	70	354239	23.722	ng/ul	96
18) 4-Methylphenol	8.292	108	380059	22.536	ng/ul	97
19) Hexachloroethane	8.534	117	169710	20.921	ng/ul	95
22) Nitrobenzene	8.669	77	519236	21.732	ng/ul	98
23) Isophorone	9.198	82	963181	22.814	ng/ul	100
25) 2-Nitrophenol	9.375	139	205543	21.762	ng/ul	96
26) 2,4-Dimethylphenol	9.475	107	423884	22.122	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.681	93	558774	21.800	ng/ul	99
29) 2,4-Dichlorophenol	9.910	162	345788	21.420	ng/ul	98
30) Naphthalene	10.281	128	1229645	21.119	ng/ul	99
32) 4-Chloroaniline	10.439	127	479952	21.896	ng/ul	97
33) Hexachlorobutadiene	10.575	225	221709	20.048	ng/ul	98
34) Caprolactam	11.269	113	109114m	23.999	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	406045	23.184	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	11.898	142	843430	21.872	ng/ul	99
37) 1-Methylnaphthalene	12.122	142	844988	21.917	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.274	216	421569	19.762	ng/ul	97
40) Hexachlorocyclopentadiene	12.263	237	235728	18.207	ng/ul	100
41) 2,4,6-Trichlorophenol	12.545	196	261563	21.075	ng/ul	97
42) 2,4,5-Trichlorophenol	12.633	196	285035	21.163	ng/ul	97
43) 1,1'-Biphenyl	12.939	154	1099998	20.815	ng/ul	99
44) 2-Chloronaphthalene	12.974	162	848020	20.478	ng/ul	99
45) 2-Nitroaniline	13.216	65	326949	23.120	ng/ul	99
47) Dimethylphthalate	13.604	163	1111802	22.205	ng/ul	99
48) 2,6-Dinitrotoluene	13.710	165	215971	22.421	ng/ul	91
50) Acenaphthylene	13.827	152	1420509	21.434	ng/ul	99
51) 3-Nitroaniline	14.057	138	196952	22.267	ng/ul	100
52) Acenaphthene	14.168	153	949622	21.473	ng/ul	100
53) 2,4-Dinitrophenol	14.245	184	65357	14.902	ng/ul	91
55) 4-Nitrophenol	14.416	109	204655	23.309	ng/ul	96
56) Dibenzofuran	14.510	168	1304445	21.872	ng/ul	100
57) 2,4-Dinitrotoluene	14.498	165	319981	24.011	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.757	232	234060	23.000	ng/ul	93
59) Diethylphthalate	14.974	149	1171097	23.358	ng/ul	99
61) Fluorene	15.163	166	1081982	22.516	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.168	204	517390	21.692	ng/ul	97
63) 4-Nitroaniline	15.233	138	172929	23.545	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.257	198	144513	17.359	ng/ul	91
67) N-Nitrosodiphenylamine	15.386	169	878068	20.859	ng/ul	99
68) 4-Bromophenyl-phenylether	16.057	248	318413	20.560	ng/ul	98
69) Hexachlorobenzene	16.162	284	348897	20.371	ng/ul	96
70) Atrazine	16.362	200	259634	20.347	ng/ul	99
71) Pentachlorophenol	16.527	266	167629	19.289	ng/ul	97
72) Phenanthrene	16.892	178	1666343	21.290	ng/ul	99
74) Anthracene	16.986	178	1700731	21.754	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.892	216	419484	18.209	ng/uL	100
76) Pentachlorobenzene	14.427	250	412902	19.163	ng/uL	99
77) Carbazole	17.274	167	1525392	22.867	ng/ul	98
78) Di-n-butylphthalate	17.845	149	2056080	23.438	ng/ul	99
80) Fluoranthene	18.915	202	1941871	20.470	ng/ul	99
82) Pyrene	19.280	202	2001320	20.534	ng/ul	99
83) Butylbenzylphthalate	20.209	149	888623	22.371	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.997	252	526317	21.176	ng/ul	99
85) Benzo(a)anthracene	21.050	228	1847711	21.267	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	1324165	22.437	ng/ul	100
87) Chrysene	21.103	228	1649828	20.527	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	2085735	22.178	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	1652458	21.866	ng/ul	99
91) Benzo(k)fluoranthene	22.991	252	1623810	21.999	ng/ul	98
93) Benzo(a)pyrene	23.656	252	1446625	21.784	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.785	276	1345269	18.550	ng/ul	98
95) Dibenzo(a,h)anthracene	26.832	278	1051975	18.340	ng/ul	98
96) Benzo(g,h,i)perylene	27.715	276	1120477	17.542	ng/ul	97

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

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