Quantitation Report (Qedit)

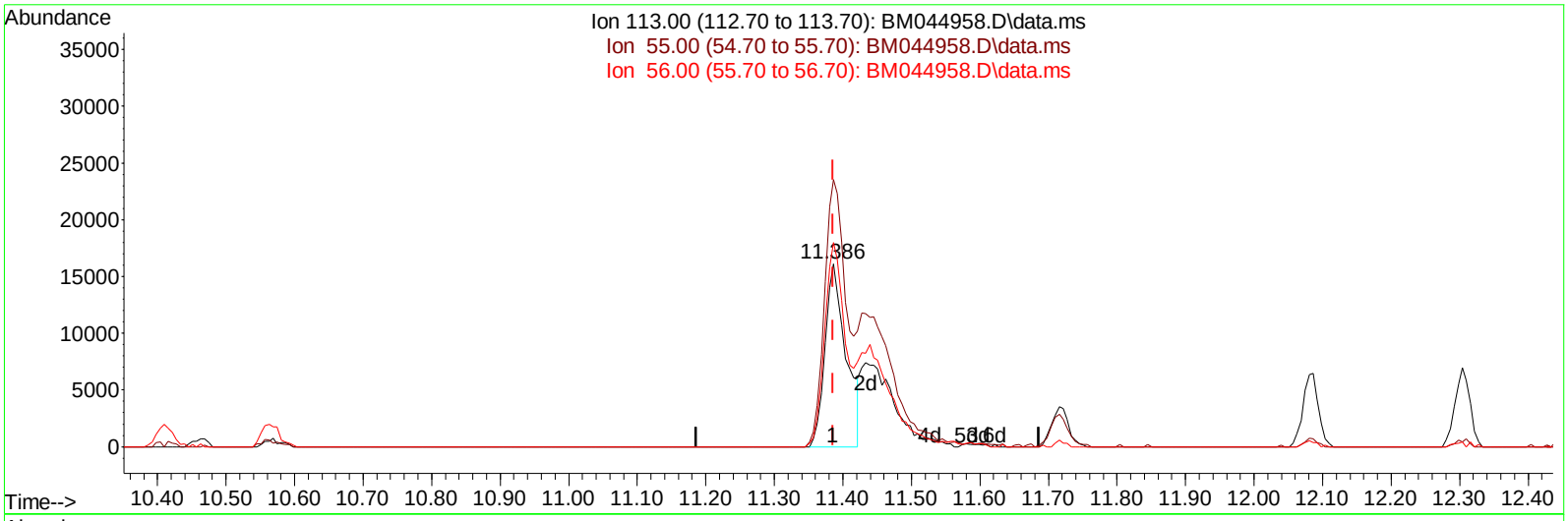
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040524\
Data File : BM044958.D
Acq On : 05 Apr 2024 20:57
Operator : MA/JU
Sample : SSTD04009
Misc :
ALS Vial : 5 Sample Multiplier: 1

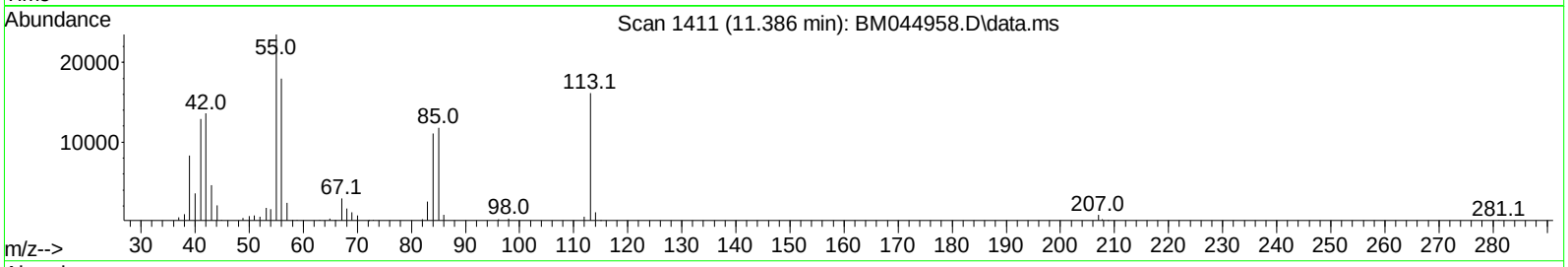
Quant Time: Apr 06 00:16:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:49 2024
Response via : Initial Calibration

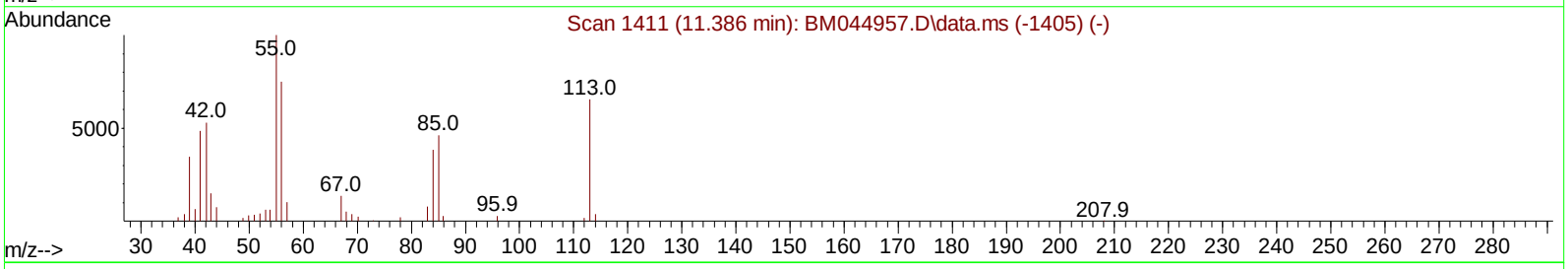
Instrument :
BNA_M
ClientSampleId :
SSTD040030

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024







TIC: BM044958.D\data.ms

(34) Caprolactam

11.386min (0.000) 20.10 ng/ul

response 34497

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	145.84
56.00	114.80	111.50
0.00	0.00	0.00

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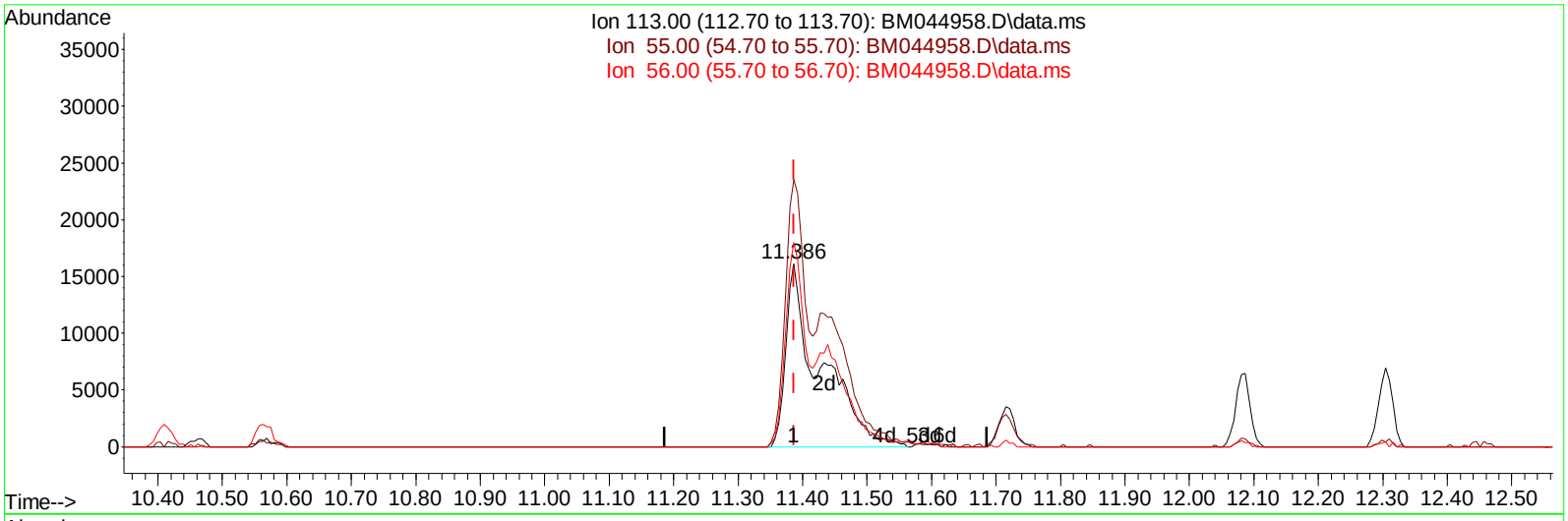

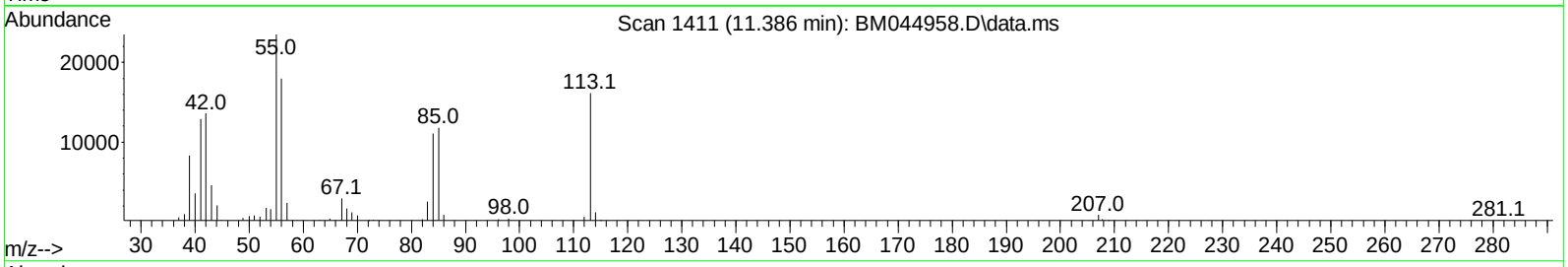

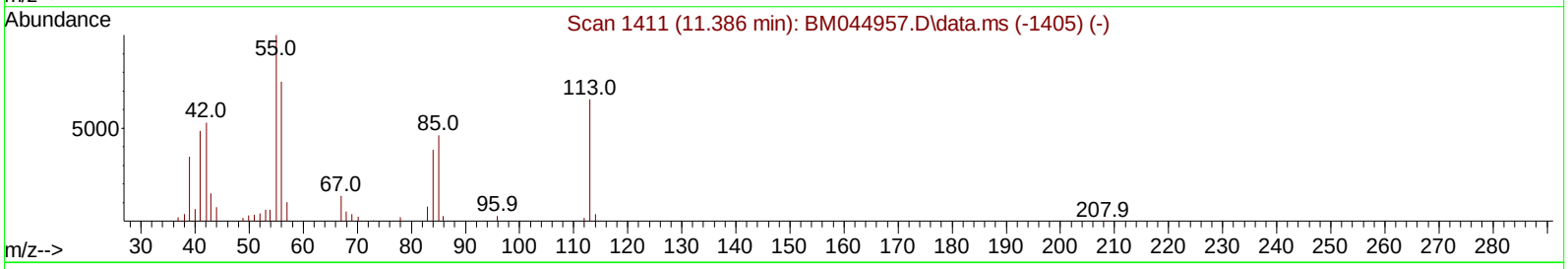

TIC: BM044958.D\data.ms

(34) Caprolactam

11.386min (0.000) 34.72 ng/ul m

response 59604

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	145.84
56.00	114.80	111.50
0.00	0.00	0.00

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Acq On : 05 Apr 2024 20:57
Operator : MA/JU
Sample : SSTD04009
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 06 00:46:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:49 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040030

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	69580	20.000	ng/ul	0.00
20) Naphthalene-d8	10.410	136	285785	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.286	164	180267	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.045	188	403857	20.000	ng/ul	0.00
79) Chrysene-d12	21.256	240	457820	20.000	ng/ul	0.00
88) Perylene-d12	23.480	264	572555	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	28330	13.809	ng/uL	0.00
4) Pyridine-d5	3.604	84	202411	33.522	ng/ul	0.00
7) Phenol-d5	6.816	99	231212	32.321	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.992	67	138504	31.345	ng/ul	0.00
11) 2-Chlorophenol-d4	7.169	132	189629	36.072	ng/ul	0.00
15) 4-Methylphenol-d8	8.345	113	181804	32.360	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	90177	37.472	ng/ul	0.00
24) 2-Nitrophenol-d4	9.510	143	100077	38.576	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.039	165	179092	40.562	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	272131	37.111	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	524197	37.070	ng/ul	0.00
49) Acenaphthylene-d8	13.974	160	614224	37.980	ng/ul	0.00
54) 4-Nitrophenol-d4	14.515	143	111124	37.894	ng/ul	0.00
60) Fluorene-d10	15.286	176	455692	38.347	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.427	200	96899	36.963	ng/ul	0.00
73) Anthracene-d10	17.145	188	747541	38.724	ng/ul	0.00
81) Pyrene-d10	19.450	212	926370	32.991	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.344	264	1157475	38.462	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	30308	14.270	ng/uL	94
5) Pyridine	3.622	79	210614	33.630	ng/ul	98
6) Benzaldehyde	6.798	77	115694	37.131	ng/ul	96
8) Phenol	6.840	94	239240	32.769	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.081	93	188216	31.396	ng/ul	96
12) 2-Chlorophenol	7.204	128	195283	36.015	ng/ul	99
13) 2-Methylphenol	8.081	108	175172	31.618	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.157	45	219804	27.764	ng/ul	98
16) Acetophenone	8.463	105	288253	33.082	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.451	70	142389	31.630	ng/ul#	96
18) 4-Methylphenol	8.410	108	188200	31.206	ng/ul	97
19) Hexachloroethane	8.686	117	85246	38.380	ng/ul	97
22) Nitrobenzene	8.839	77	222239	38.942	ng/ul	97
23) Isophorone	9.363	82	404483	34.739	ng/ul	99
25) 2-Nitrophenol	9.539	139	110588	39.101	ng/ul	93
26) 2,4-Dimethylphenol	9.604	107	200592	38.978	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.845	93	238619	32.587	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	177067	40.170	ng/ul	98
30) Naphthalene	10.463	128	603944	37.312	ng/ul	99
32) 4-Chloroaniline	10.586	127	258581	36.578	ng/ul	100
33) Hexachlorobutadiene	10.727	225	107265	43.417	ng/ul	91
34) Caprolactam	11.386	113	59604m	34.722	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	179029	35.023	ng/ul	99

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.080	142	396532	36.840	ng/ul	99
37) 1-Methylnaphthalene	12.304	142	398955	37.573	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.451	216	197649	38.539	ng/ul	99
40) Hexachlorocyclopentadiene	12.416	237	120400	35.366	ng/ul	97
41) 2,4,6-Trichlorophenol	12.704	196	137837	38.338	ng/ul	97
42) 2,4,5-Trichlorophenol	12.780	196	150692	39.111	ng/ul	98
43) 1,1'-Biphenyl	13.116	154	512011	35.768	ng/ul	97
44) 2-Chloronaphthalene	13.151	162	417772	37.190	ng/ul	98
45) 2-Nitroaniline	13.380	65	124778	35.382	ng/ul	99
47) Dimethylphthalate	13.757	163	536560	37.289	ng/ul	99
48) 2,6-Dinitrotoluene	13.886	165	112729	39.221	ng/ul	95
50) Acenaphthylene	14.004	152	713101	37.832	ng/ul	99
51) 3-Nitroaniline	14.215	138	118276	38.098	ng/ul	95
52) Acenaphthene	14.351	153	467110	37.697	ng/ul	99
53) 2,4-Dinitrophenol	14.433	184	64026	34.825	ng/ul	99
55) 4-Nitrophenol	14.527	109	97280	47.346	ng/ul	92
56) Dibenzofuran	14.692	168	640822	38.878	ng/ul	98
57) 2,4-Dinitrotoluene	14.680	165	171070	41.233	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.921	232	131462	41.230	ng/ul	93
59) Diethylphthalate	15.133	149	560620	37.541	ng/ul	98
61) Fluorene	15.345	166	546115	40.511	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.345	204	253942	40.587	ng/ul	97
63) 4-Nitroaniline	15.392	138	111170	37.467	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.445	198	105862	37.789	ng/ul	90
67) N-Nitrosodiphenylamine	15.562	169	441246	36.276	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	157465	38.982	ng/ul	97
69) Hexachlorobenzene	16.339	284	204360	44.416	ng/ul	97
70) Atrazine	16.533	200	160189	40.301	ng/ul	99
71) Pentachlorophenol	16.692	266	125681	41.368	ng/ul	99
72) Phenanthrene	17.086	178	869251	37.942	ng/ul	99
74) Anthracene	17.180	178	902252	38.941	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.069	216	201298	37.318	ng/uL	97
76) Pentachlorobenzene	14.604	250	214800	41.188	ng/uL	99
77) Carbazole	17.462	167	855659	39.300	ng/ul	99
78) Di-n-butylphthalate	18.033	149	1050407	35.868	ng/ul	100
80) Fluoranthene	19.115	202	1089667	32.586	ng/ul	100
82) Pyrene	19.480	202	1160004	33.320	ng/ul	99
83) Butylbenzylphthalate	20.403	149	524336	30.630	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.180	252	436385	44.065	ng/ul	98
85) Benzo(a)anthracene	21.239	228	1269524	36.926	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.186	149	859170	34.423	ng/ul	100
87) Chrysene	21.291	228	1182753	37.158	ng/ul	100
89) Di-n-octyl phthalate	22.068	149	1452222	28.342	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	1421319	37.099	ng/ul	99
91) Benzo(k)fluoranthene	22.862	252	1361860	36.294	ng/ul	99
93) Benzo(a)pyrene	23.385	252	1348018	37.614	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.727	276	1729055	43.015	ng/ul	98
95) Dibenzo(a,h)anthracene	25.738	278	1458739	43.523	ng/ul	98
96) Benzo(g,h,i)perylene	26.409	276	1345714	41.952	ng/ul	99

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

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