Quantitation Report (Qedit)

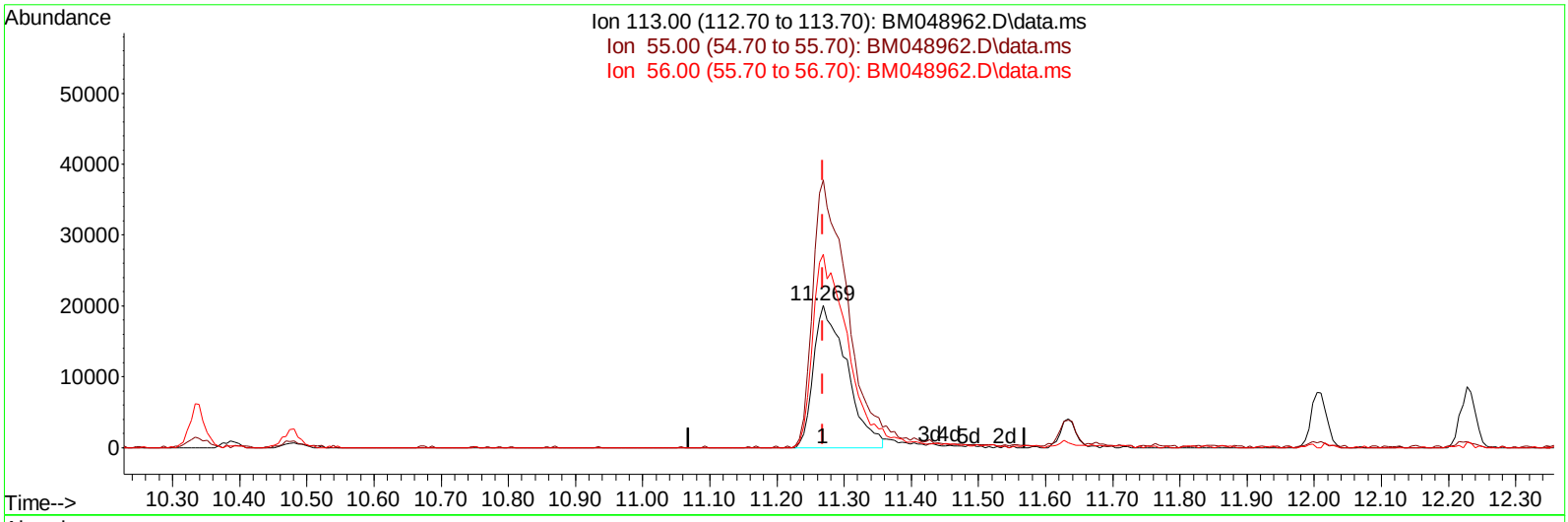
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121124\
Data File : BM048962.D
Acq On : 11 Dec 2024 20:57
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

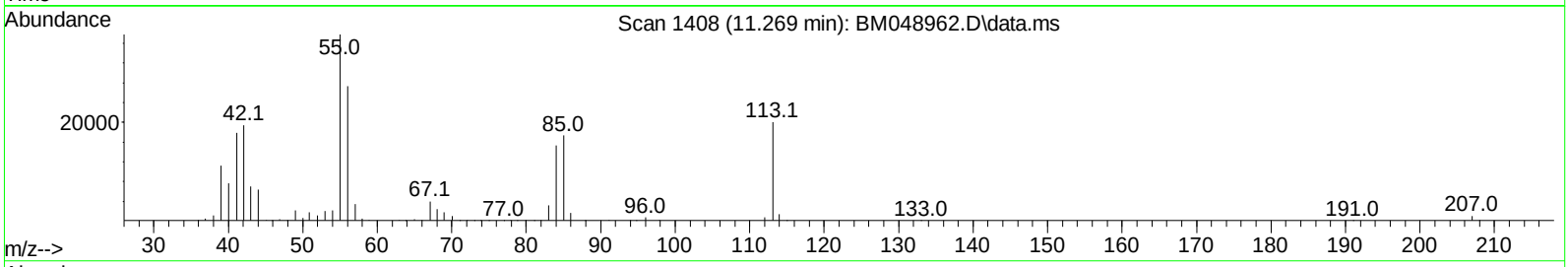
Quant Time: Dec 12 01:10:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 12 00:53:37 2024
Response via : Initial Calibration

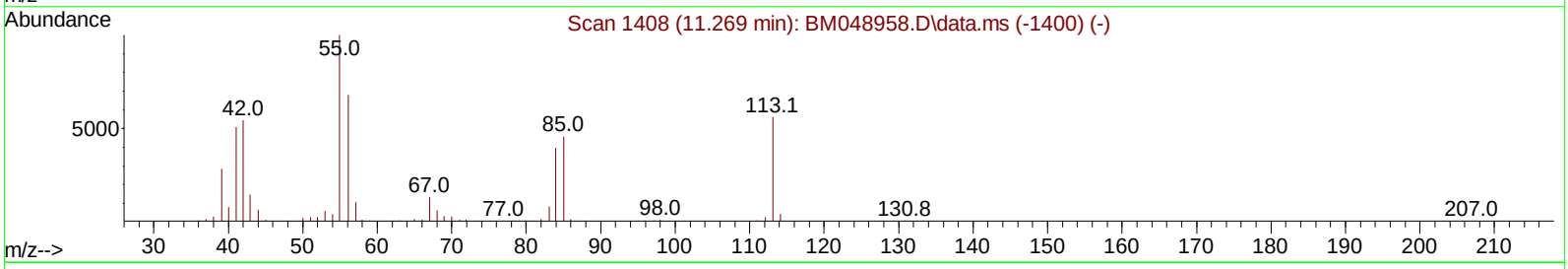
Instrument :
BNA_M
ClientSampleId :
SICV005

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024







TIC: BM048962.D\data.ms

(34) Caprolactam

11.269min (+ 0.000) 19.71 ng/ul

response 68814

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.40	187.97
56.00	121.10	135.70
0.00	0.00	0.00

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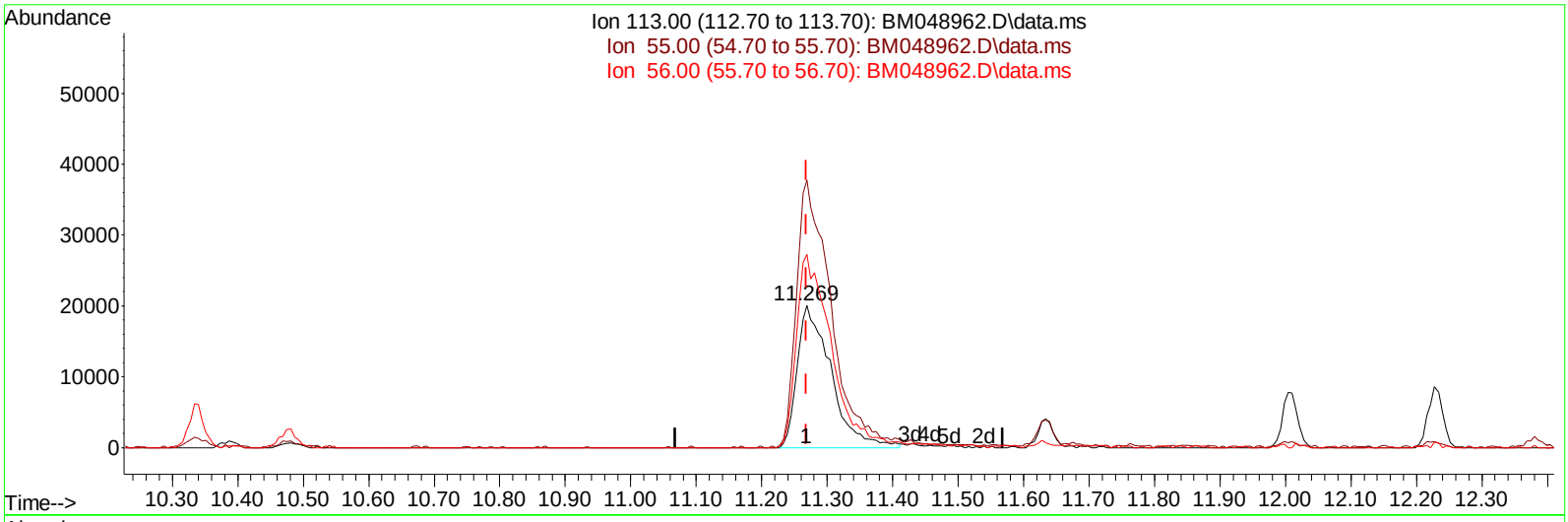

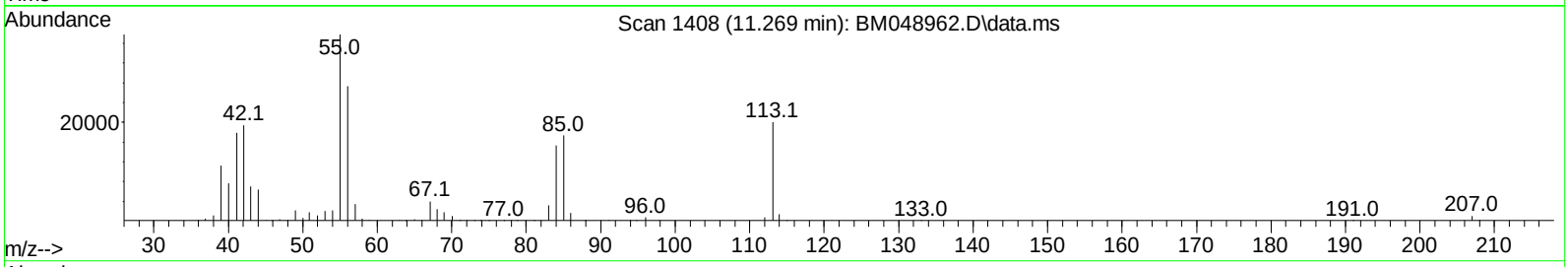

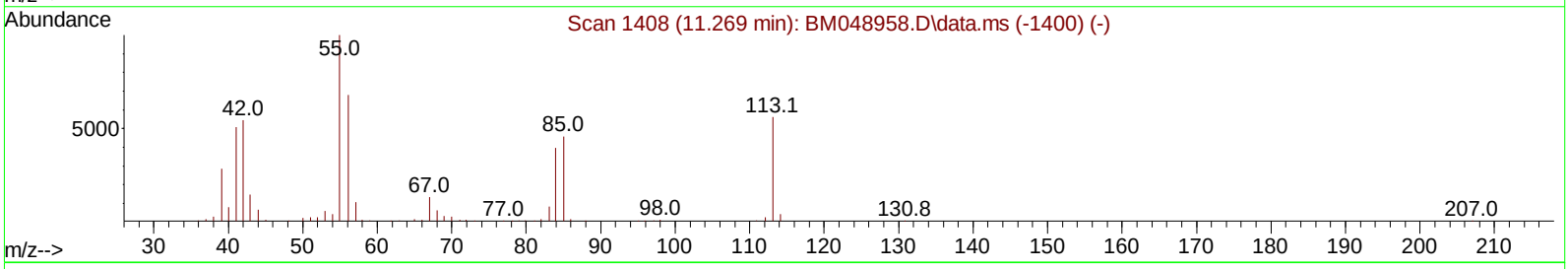

TIC: BM048962.D\data.ms

(34) Caprolactam

11.269min (+ 0.000) 20.44 ng/ul m

response 71363

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.40	187.97
56.00	121.10	135.70
0.00	0.00	0.00

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Instrument :
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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	7.575	152	192363	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	759715	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.210	164	435813	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.957	188	824402	20.000	ng/ul	0.00
79) Chrysene-d12	21.180	240	772580	20.000	ng/ul	0.00
88) Perylene-d12	23.992	264	765893	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	44420	8.127	ng/uL	0.00
4) Pyridine-d5	3.546	84	323957	19.929	ng/ul	0.00
7) Phenol-d5	6.757	99	325762	19.427	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	228968	20.106	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	254329	20.902	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	240531	19.216	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	116377	21.360	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	106365	21.118	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	225903	21.074	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	330859	19.797	ng/ul	0.00
46) Dimethylphthalate-d6	13.627	166	628910	20.958	ng/ul	0.00
49) Acenaphthylene-d8	13.898	160	753426	20.569	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	114024	19.832	ng/ul	0.00
60) Fluorene-d10	15.204	176	534001	20.533	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.327	200	69790	16.227	ng/ul	0.00
73) Anthracene-d10	17.057	188	803339	19.883	ng/ul	0.00
81) Pyrene-d10	19.357	212	867373	19.997	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.797	264	774424	19.734	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	48377	8.310	ng/uL	97
5) Pyridine	3.563	79	341304	20.094	ng/ul	98
6) Benzaldehyde	6.722	77	234456	26.224	ng/ul	99
8) Phenol	6.781	94	353543	19.559	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.010	93	284072	19.875	ng/ul	98
12) 2-Chlorophenol	7.140	128	267668	20.837	ng/ul	99
13) 2-Methylphenol	8.016	108	240984	19.427	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.093	45	420730	19.888	ng/ul	98
16) Acetophenone	8.387	105	416326	19.769	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.381	70	212082	20.665	ng/ul	97
18) 4-Methylphenol	8.340	108	265010	19.438	ng/ul	100
19) Hexachloroethane	8.640	117	114707	20.657	ng/ul	98
22) Nitrobenzene	8.757	77	315525	21.123	ng/ul	99
23) Isophorone	9.287	82	555810	21.047	ng/ul	99
25) 2-Nitrophenol	9.463	139	126379	21.272	ng/ul	97
26) 2,4-Dimethylphenol	9.534	107	257613	20.882	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.769	93	348397	20.640	ng/ul	98
29) 2,4-Dichlorophenol	9.992	162	229021	20.670	ng/ul	96
30) Naphthalene	10.387	128	815370	20.201	ng/ul	100
32) 4-Chloroaniline	10.498	127	316873	19.696	ng/ul	97
33) Hexachlorobutadiene	10.681	225	145406	20.333	ng/ul	96
34) Caprolactam	11.269	113	71363m	20.442	ng/ul	
35) 4-Chloro-3-methylphenol	11.634	107	224449	21.179	ng/ul	99

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	521637	20.405	ng/ul	100
37) 1-Methylnaphthalene	12.228	142	514445	20.135	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.381	216	265256	19.886	ng/ul	99
40) Hexachlorocyclopentadiene	12.369	237	145841	17.605	ng/ul	96
41) 2,4,6-Trichlorophenol	12.628	196	156050	20.848	ng/ul	98
42) 2,4,5-Trichlorophenol	12.698	196	171697	20.838	ng/ul	99
43) 1,1'-Biphenyl	13.039	154	661987	20.066	ng/ul	99
44) 2-Chloronaphthalene	13.075	162	526826	20.099	ng/ul	99
45) 2-Nitroaniline	13.280	65	148643	22.106	ng/ul	97
47) Dimethylphthalate	13.675	163	628946	20.948	ng/ul	100
48) 2,6-Dinitrotoluene	13.786	165	107538	21.244	ng/ul	97
50) Acenaphthylene	13.927	152	821030	20.594	ng/ul	99
51) 3-Nitroaniline	14.116	138	127300	21.589	ng/ul	97
52) Acenaphthene	14.275	153	572131	20.231	ng/ul	99
53) 2,4-Dinitrophenol	14.322	184	40787	15.425	ng/ul	94
55) 4-Nitrophenol	14.427	109	81490	19.340	ng/ul	95
56) Dibenzofuran	14.610	168	778142	20.442	ng/ul	96
57) 2,4-Dinitrotoluene	14.574	165	165871	22.164	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.839	232	130782	21.686	ng/ul#	98
59) Diethylphthalate	15.051	149	616645	21.325	ng/ul	98
61) Fluorene	15.263	166	638524	20.289	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.263	204	306404	20.092	ng/ul	96
63) 4-Nitroaniline	15.280	138	132686	23.620	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.339	198	81036	16.923	ng/ul	99
67) N-Nitrosodiphenylamine	15.480	169	498064	19.829	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	162200	19.973	ng/ul	98
69) Hexachlorobenzene	16.263	284	193674	19.837	ng/ul	98
70) Atrazine	16.439	200	172748	18.761	ng/ul	97
71) Pentachlorophenol	16.610	266	103297	17.091	ng/ul	98
72) Phenanthrene	16.998	178	944161	19.799	ng/ul	99
74) Anthracene	17.086	178	951939	19.824	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.998	216	259395	19.404	ng/uL	98
76) Pentachlorobenzene	14.527	250	251930	19.430	ng/uL	97
77) Carbazole	17.363	167	874988	19.320	ng/ul	100
78) Di-n-butylphthalate	17.945	149	944378	20.762	ng/ul	100
80) Fluoranthene	19.021	202	1010749	19.818	ng/ul	98
82) Pyrene	19.380	202	1097030	19.499	ng/ul	97
83) Butylbenzylphthalate	20.309	149	358278	20.866	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.098	252	255369	19.039	ng/ul	98
85) Benzo(a)anthracene	21.162	228	1037706	20.026	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.121	149	518571	20.903	ng/ul	99
87) Chrysene	21.221	228	975081	19.992	ng/ul	99
89) Di-n-octyl phthalate	22.198	149	781944	16.974	ng/ul	100
90) Benzo(b)fluoranthene	23.109	252	939976	19.405	ng/ul	99
91) Benzo(k)fluoranthene	23.168	252	956577	19.768	ng/ul	99
93) Benzo(a)pyrene	23.862	252	892949	19.827	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.115	276	1082678	19.457	ng/ul	97
95) Dibenzo(a,h)anthracene	27.174	278	883224	19.426	ng/ul	99
96) Benzo(g,h,i)perylene	28.085	276	840621	19.680	ng/ul	98

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

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BNA_M
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SICV005

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