Quantitation Report (Qedit)

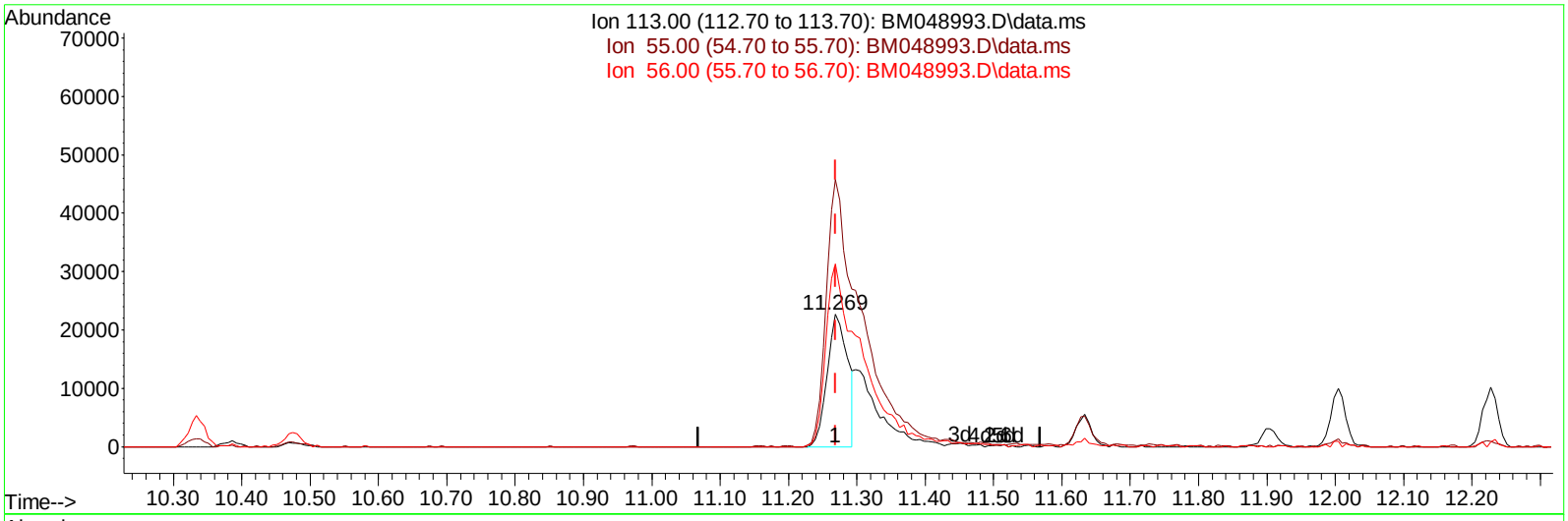
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121324\
Data File : BM048993.D
Acq On : 13 Dec 2024 22:13
Operator : RC/JU
Sample : PB165613BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

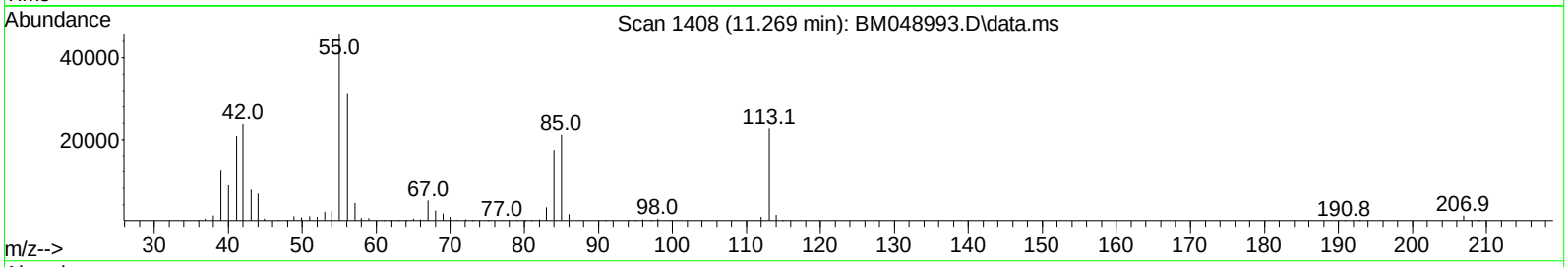
Quant Time: Dec 13 23:58:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 12 00:53:37 2024
Response via : Initial Calibration

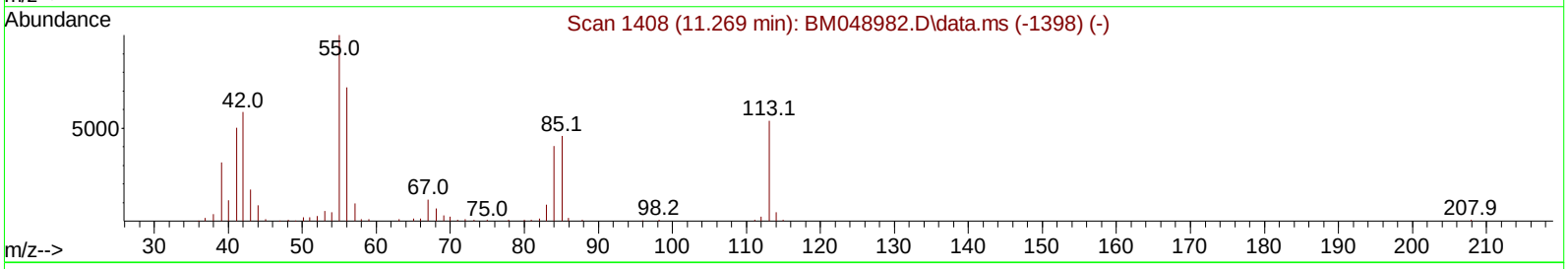
Instrument :
BNA_M
ClientSampleId :
SLCS613

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024







TIC: BM048993.D\data.ms

(34) Caprolactam

11.269min (+ 0.000) 15.39 ng/ul

response 47459

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.40	201.87
56.00	121.10	138.43
0.00	0.00	0.00

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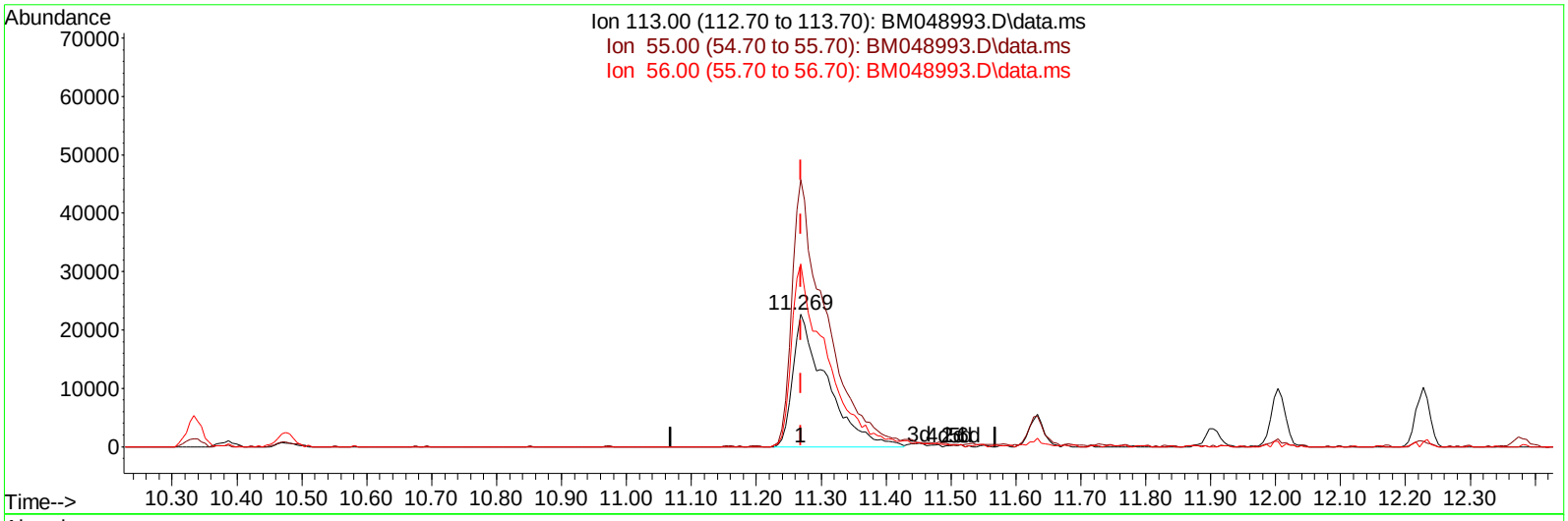

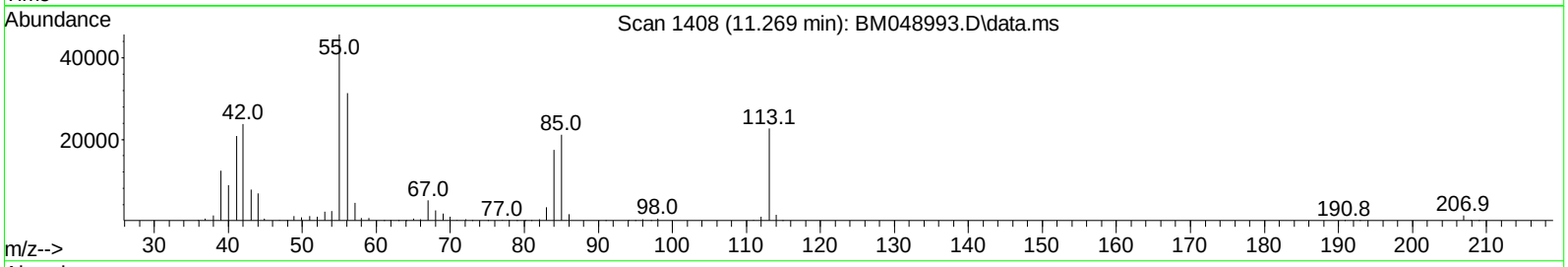

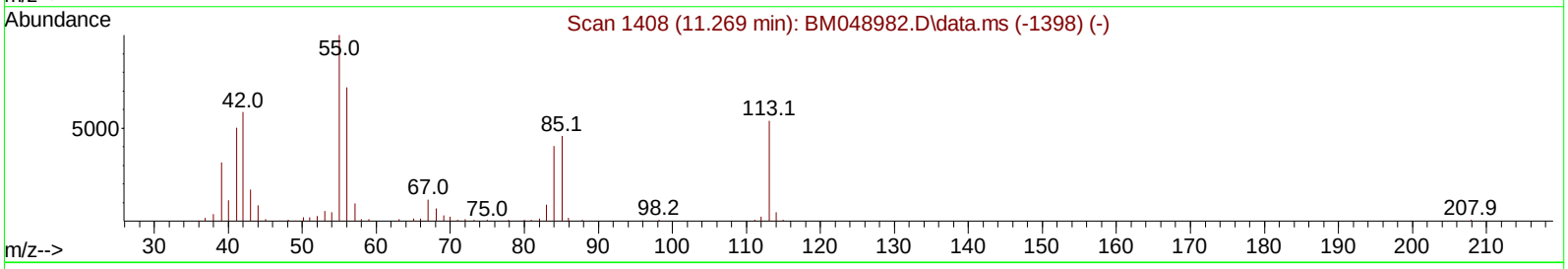

TIC: BM048993.D\data.ms

(34) Caprolactam

11.269min (+ 0.000) 26.56 ng/ul m

response 81886

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.40	201.87
56.00	121.10	138.43
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB165613BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 14 00:14:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

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	7.569	152	171542	20.000	ng/ul	0.00
20) Naphthalene-d8	10.334	136	670996	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.204	164	392001	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	747982	20.000	ng/ul	0.00
79) Chrysene-d12	21.174	240	707678	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	671137	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	26888	5.517	ng/uL	0.00
4) Pyridine-d5	3.552	84	418625	28.878	ng/ul	0.00
7) Phenol-d5	6.757	99	429666	28.734	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	272099	26.793	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	322016	29.677	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	310584	27.824	ng/ul	0.00
21) Nitrobenzene-d5	8.716	128	134572	27.965	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	121209	27.246	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	285352	30.139	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	359084	24.326	ng/ul	0.00
46) Dimethylphthalate-d6	13.627	166	764807	28.336	ng/ul	0.00
49) Acenaphthylene-d8	13.892	160	904867	27.464	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	140604	27.188	ng/ul	0.00
60) Fluorene-d10	15.204	176	652632	27.899	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.321	200	87004	22.296	ng/ul	0.00
73) Anthracene-d10	17.051	188	992816	27.083	ng/ul	0.00
81) Pyrene-d10	19.351	212	1090352	27.443	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	946420	27.522	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	55604	10.711	ng/uL	97
5) Pyridine	3.569	79	434976	28.717	ng/ul	98
6) Benzaldehyde	6.728	77	45419	5.697	ng/ul	98
8) Phenol	6.781	94	473174	29.355	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.010	93	348427	27.336	ng/ul	99
12) 2-Chlorophenol	7.140	128	343496	29.985	ng/ul	98
13) 2-Methylphenol	8.016	108	311823	28.189	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.092	45	510005	27.034	ng/ul	99
16) Acetophenone	8.387	105	498172	26.527	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.375	70	261877	28.614	ng/ul	98
18) 4-Methylphenol	8.340	108	347599	28.591	ng/ul	96
19) Hexachloroethane	8.634	117	138530	27.976	ng/ul	97
22) Nitrobenzene	8.751	77	378938	28.722	ng/ul	97
23) Isophorone	9.287	82	690309	29.596	ng/ul	97
25) 2-Nitrophenol	9.457	139	152364	29.037	ng/ul	95
26) 2,4-Dimethylphenol	9.534	107	325668	29.889	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.769	93	433125	29.053	ng/ul	98
29) 2,4-Dichlorophenol	9.992	162	300405	30.698	ng/ul	98
30) Naphthalene	10.386	128	978627	27.452	ng/ul	99
32) 4-Chloroaniline	10.498	127	240229	16.906	ng/ul	96
33) Hexachlorobutadiene	10.681	225	172183	27.260	ng/ul	100
34) Caprolactam	11.269	113	81886m	26.558	ng/ul	
35) 4-Chloro-3-methylphenol	11.633	107	298031	31.840	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	631036	27.948	ng/ul	97
37) 1-Methylnaphthalene	12.228	142	628098	27.834	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.380	216	320684	26.728	ng/ul	98
40) Hexachlorocyclopentadiene	12.369	237	147716	19.824	ng/ul	97
41) 2,4,6-Trichlorophenol	12.628	196	200358	29.759	ng/ul	100
42) 2,4,5-Trichlorophenol	12.698	196	219728	29.648	ng/ul	99
43) 1,1'-Biphenyl	13.033	154	807174	27.202	ng/ul	100
44) 2-Chloronaphthalene	13.069	162	636803	27.010	ng/ul	97
45) 2-Nitroaniline	13.280	65	188521	31.170	ng/ul	98
47) Dimethylphthalate	13.674	163	781672	28.945	ng/ul	99
48) 2,6-Dinitrotoluene	13.786	165	136587	29.998	ng/ul	96
50) Acenaphthylene	13.922	152	1006906	28.079	ng/ul	99
51) 3-Nitroaniline	14.110	138	151391	28.544	ng/ul	96
52) Acenaphthene	14.269	153	700485	27.538	ng/ul	98
53) 2,4-Dinitrophenol	14.316	184	51788	21.775	ng/ul	98
55) 4-Nitrophenol	14.427	109	105455	27.825	ng/ul	92
56) Dibenzofuran	14.604	168	958861	28.004	ng/ul	95
57) 2,4-Dinitrotoluene	14.574	165	209238	31.083	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.839	232	169014	31.157	ng/ul	97
59) Diethylphthalate	15.051	149	781993	30.065	ng/ul	98
61) Fluorene	15.257	166	798445	28.206	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.263	204	393734	28.704	ng/ul	97
63) 4-Nitroaniline	15.280	138	178587	35.344	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.339	198	102745	23.649	ng/ul	94
67) N-Nitrosodiphenylamine	15.474	169	623698	27.368	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	206067	27.968	ng/ul	94
69) Hexachlorobenzene	16.263	284	245769	27.744	ng/ul	98
70) Atrazine	16.439	200	199464	23.875	ng/ul	97
71) Pentachlorophenol	16.604	266	135485	24.707	ng/ul	96
72) Phenanthrene	16.992	178	1193139	27.576	ng/ul	99
74) Anthracene	17.086	178	1199060	27.521	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.992	216	308374	25.424	ng/uL	98
76) Pentachlorobenzene	14.527	250	297294	25.271	ng/uL	98
77) Carbazole	17.357	167	1099043	26.747	ng/ul	98
78) Di-n-butylphthalate	17.945	149	1253516	30.374	ng/ul	100
80) Fluoranthene	19.015	202	1294282	27.705	ng/ul	99
82) Pyrene	19.380	202	1428215	27.713	ng/ul	100
83) Butylbenzylphthalate	20.303	149	467145	29.701	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.092	252	290472	23.642	ng/ul	99
85) Benzo(a)anthracene	21.156	228	1343011	28.296	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.115	149	691299	30.422	ng/ul	99
87) Chrysene	21.215	228	1242917	27.821	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1015729	25.162	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	1192572	28.096	ng/ul	100
91) Benzo(k)fluoranthene	23.162	252	1234225	29.107	ng/ul	99
93) Benzo(a)pyrene	23.850	252	1135632	28.776	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.103	276	1411775	28.953	ng/ul	99
95) Dibenzo(a,h)anthracene	27.156	278	1156051	29.017	ng/ul	98
96) Benzo(g,h,i)perylene	28.068	276	1104363	29.505	ng/ul	99

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

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