Quantitation Report (Qedit)

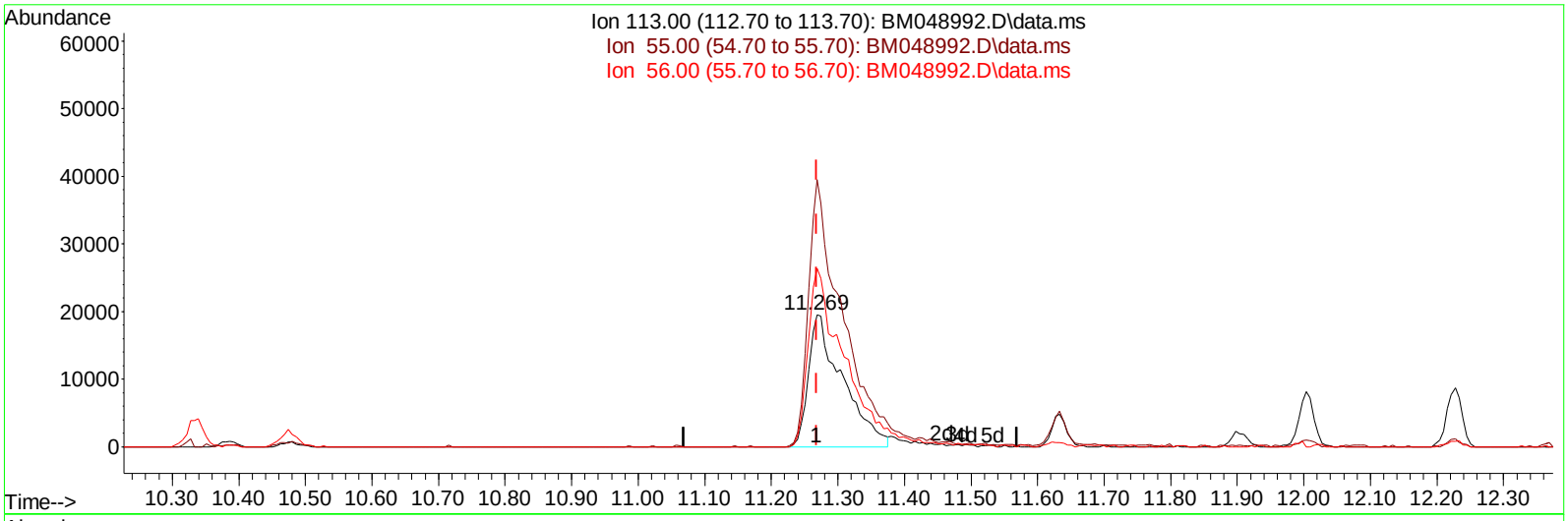
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121324\
Data File : BM048992.D
Acq On : 13 Dec 2024 21:34
Operator : RC/JU
Sample : PB165610BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

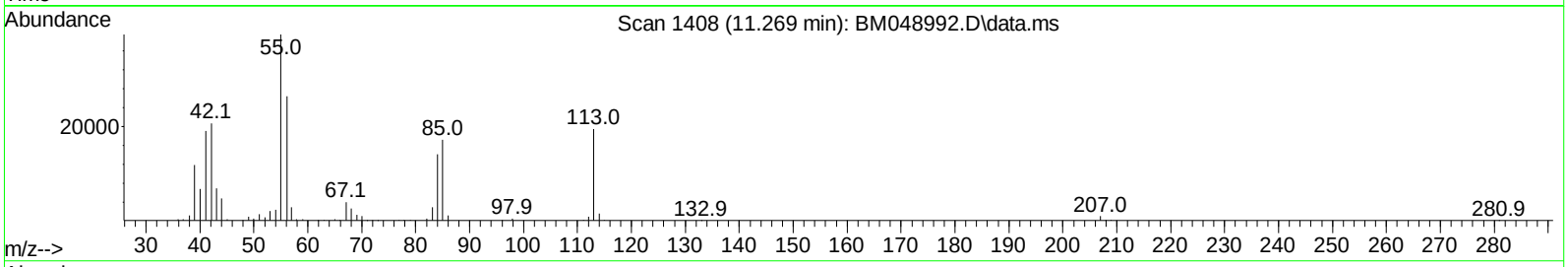
Quant Time: Dec 13 23:58:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 12 00:53:37 2024
Response via : Initial Calibration

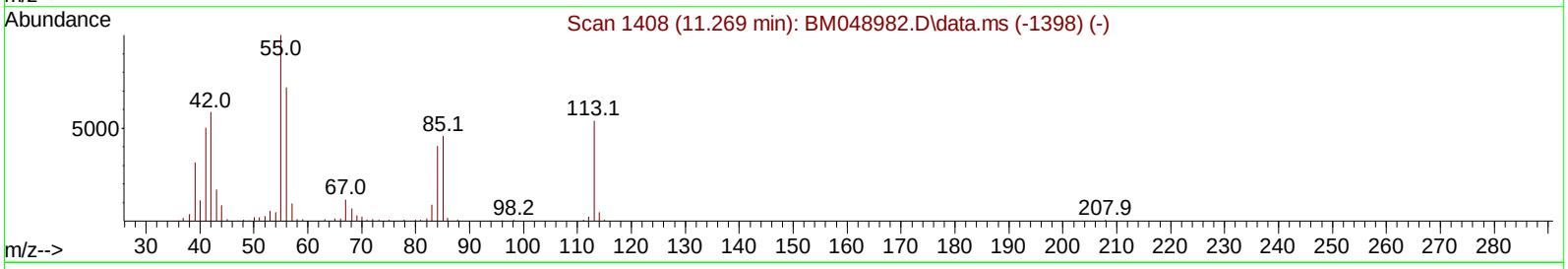
Instrument :
BNA_M
ClientSampleId :
SLCS610

Manual IntegrationsAPPROVED

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







TIC: BM048992.D\data.ms

(34) Caprolactam

11.269min (-0.000) 25.80 ng/ul

response 69402

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.40	201.96
56.00	121.10	135.08
0.00	0.00	0.00

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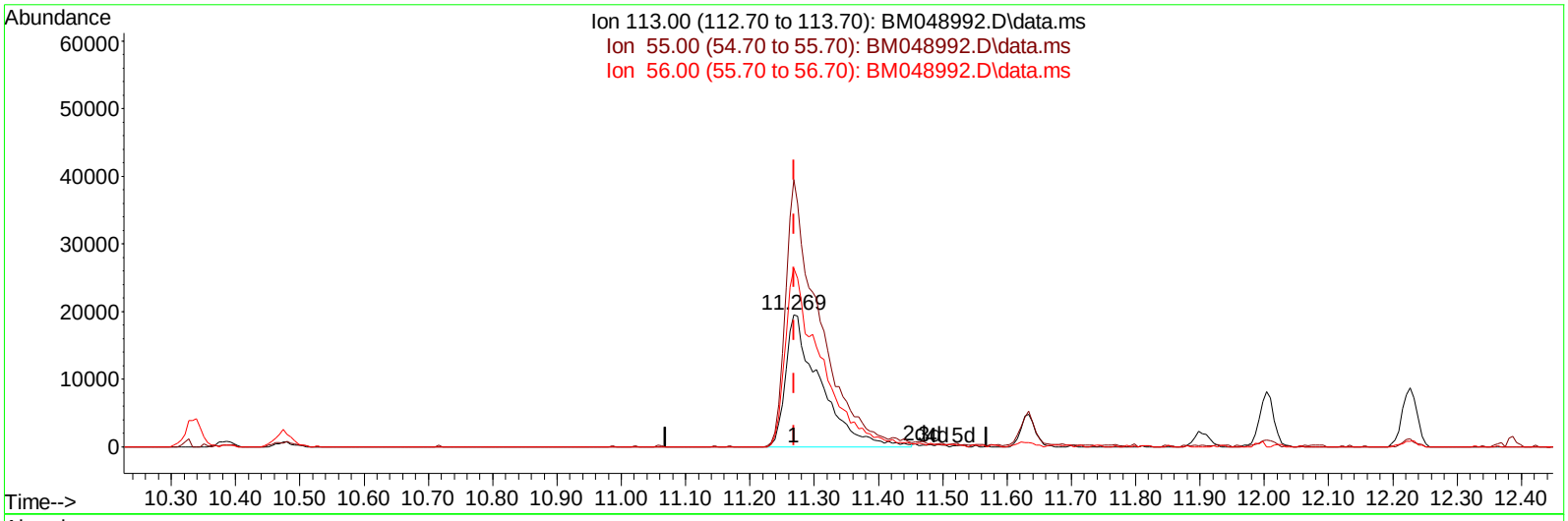

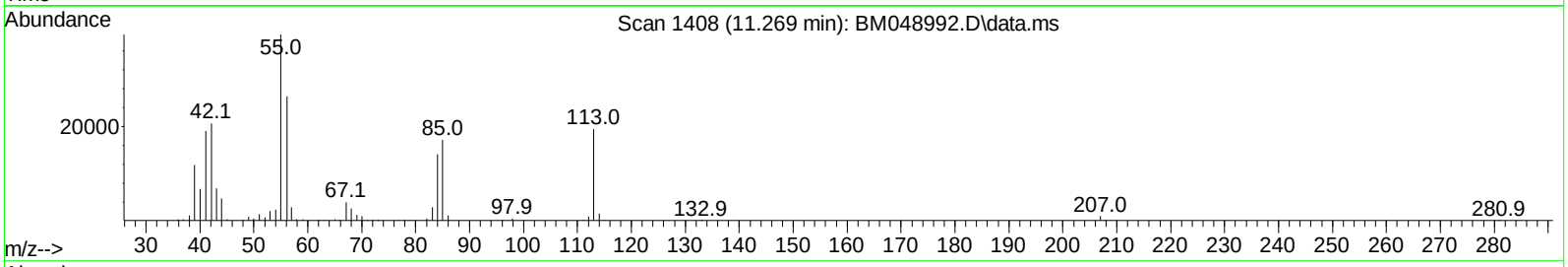

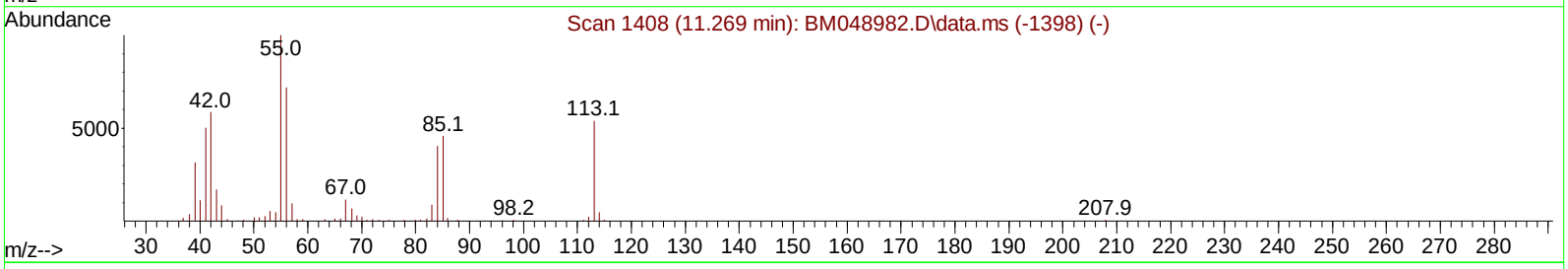

TIC: BM048992.D\data.ms

(34) Caprolactam

11.269min (-0.000) 27.04 ng/ul m

response 72740

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	179.40	201.96
56.00	121.10	135.08
0.00	0.00	0.00

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Operator : RC/JU
Sample : PB165610BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 14 00:10:24 2024
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	146600	20.000	ng/ul	0.00
20) Naphthalene-d8	10.333	136	585414	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.204	164	351545	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	660206	20.000	ng/ul	0.00
79) Chrysene-d12	21.174	240	619285	20.000	ng/ul	0.00
88) Perylene-d12	23.979	264	616691	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.151	96	23985	5.758	ng/uL	0.00
4) Pyridine-d5	3.551	84	363874	29.372	ng/ul	0.00
7) Phenol-d5	6.757	99	371652	29.083	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	236072	27.200	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	278536	30.038	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	267940	28.088	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	119867	28.551	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	105959	27.300	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	253864	30.733	ng/ul	0.00
31) 4-Chloroaniline-d4	10.474	131	324726	25.215	ng/ul	0.00
46) Dimethylphthalate-d6	13.627	166	675967	27.926	ng/ul	0.00
49) Acenaphthylene-d8	13.892	160	814655	27.571	ng/ul	0.00
54) 4-Nitrophenol-d4	14.415	143	127524	27.497	ng/ul	0.00
60) Fluorene-d10	15.204	176	594633	28.345	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.327	200	76713	22.272	ng/ul	0.00
73) Anthracene-d10	17.051	188	913162	28.222	ng/ul	0.00
81) Pyrene-d10	19.350	212	979586	28.175	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	888156	28.108	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	50647	11.416	ng/uL	99
5) Pyridine	3.569	79	382402	29.541	ng/ul	99
6) Benzaldehyde	6.728	77	44281	6.499	ng/ul	95
8) Phenol	6.781	94	416023	30.200	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.010	93	307426	28.223	ng/ul	99
12) 2-Chlorophenol	7.139	128	300605	30.706	ng/ul	99
13) 2-Methylphenol	8.016	108	275221	29.113	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.092	45	443950	27.537	ng/ul	99
16) Acetophenone	8.386	105	440681	27.458	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.380	70	229409	29.331	ng/ul	95
18) 4-Methylphenol	8.339	108	303255	29.187	ng/ul	99
19) Hexachloroethane	8.639	117	120349	28.439	ng/ul	99
22) Nitrobenzene	8.757	77	326719	28.384	ng/ul	99
23) Isophorone	9.286	82	593141	29.148	ng/ul	98
25) 2-Nitrophenol	9.457	139	131168	28.652	ng/ul	98
26) 2,4-Dimethylphenol	9.533	107	283260	29.797	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.769	93	379781	29.199	ng/ul	99
29) 2,4-Dichlorophenol	9.986	162	269693	31.589	ng/ul	97
30) Naphthalene	10.386	128	875654	28.154	ng/ul	100
32) 4-Chloroaniline	10.498	127	216645	17.476	ng/ul	99
33) Hexachlorobutadiene	10.680	225	152521	27.678	ng/ul	97
34) Caprolactam	11.269	113	72740m	27.041	ng/ul	
35) 4-Chloro-3-methylphenol	11.633	107	255830	31.327	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.004	142	568751	28.872	ng/ul	100
37) 1-Methylnaphthalene	12.227	142	565271	28.712	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.380	216	286034	26.584	ng/ul	98
40) Hexachlorocyclopentadiene	12.368	237	135538	20.283	ng/ul	99
41) 2,4,6-Trichlorophenol	12.627	196	177240	29.355	ng/ul	97
42) 2,4,5-Trichlorophenol	12.698	196	192896	29.022	ng/ul	100
43) 1,1'-Biphenyl	13.033	154	737687	27.721	ng/ul	99
44) 2-Chloronaphthalene	13.068	162	585023	27.670	ng/ul	98
45) 2-Nitroaniline	13.280	65	162765	30.008	ng/ul	94
47) Dimethylphthalate	13.674	163	699383	28.878	ng/ul	100
48) 2,6-Dinitrotoluene	13.786	165	123719	30.299	ng/ul	98
50) Acenaphthylene	13.921	152	917770	28.539	ng/ul	99
51) 3-Nitroaniline	14.115	138	136057	28.605	ng/ul	96
52) Acenaphthene	14.268	153	649704	28.481	ng/ul	98
53) 2,4-Dinitrophenol	14.315	184	47344	22.197	ng/ul	93
55) 4-Nitrophenol	14.427	109	89565	26.352	ng/ul	97
56) Dibenzofuran	14.610	168	881024	28.692	ng/ul	99
57) 2,4-Dinitrotoluene	14.574	165	192583	31.901	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.839	232	148714	30.570	ng/ul	96
59) Diethylphthalate	15.051	149	699978	30.009	ng/ul	99
61) Fluorene	15.257	166	748441	29.482	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.262	204	356701	28.997	ng/ul	96
63) 4-Nitroaniline	15.280	138	162651	35.895	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.339	198	90685	23.649	ng/ul	93
67) N-Nitrosodiphenylamine	15.474	169	580601	28.864	ng/ul	96
68) 4-Bromophenyl-phenylether	16.156	248	183279	28.182	ng/ul	93
69) Hexachlorobenzene	16.262	284	217219	27.781	ng/ul	98
70) Atrazine	16.439	200	180022	24.413	ng/ul	99
71) Pentachlorophenol	16.604	266	119982	24.789	ng/ul	98
72) Phenanthrene	16.992	178	1092527	28.607	ng/ul	99
74) Anthracene	17.086	178	1108166	28.816	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.992	216	273934	25.588	ng/uL	99
76) Pentachlorobenzene	14.527	250	268042	25.814	ng/uL	97
77) Carbazole	17.356	167	1023678	28.225	ng/ul	99
78) Di-n-butylphthalate	17.945	149	1132935	31.102	ng/ul	99
80) Fluoranthene	19.015	202	1185481	28.998	ng/ul	100
82) Pyrene	19.380	202	1295352	28.723	ng/ul	98
83) Butylbenzylphthalate	20.303	149	426252	30.970	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.091	252	262002	24.369	ng/ul	99
85) Benzo(a)anthracene	21.156	228	1220529	29.385	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.115	149	631949	31.779	ng/ul	99
87) Chrysene	21.215	228	1139597	29.149	ng/ul	100
89) Di-n-octyl phthalate	22.191	149	929529	25.060	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	1111952	28.509	ng/ul	99
91) Benzo(k)fluoranthene	23.162	252	1119001	28.719	ng/ul	100
93) Benzo(a)pyrene	23.850	252	1055509	29.107	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.097	276	1334069	29.775	ng/ul	99
95) Dibenzo(a,h)anthracene	27.156	278	1088815	29.742	ng/ul	98
96) Benzo(g,h,i)perylene	28.067	276	1054031	30.647	ng/ul	99

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

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