Quantitation Report (Qedit)

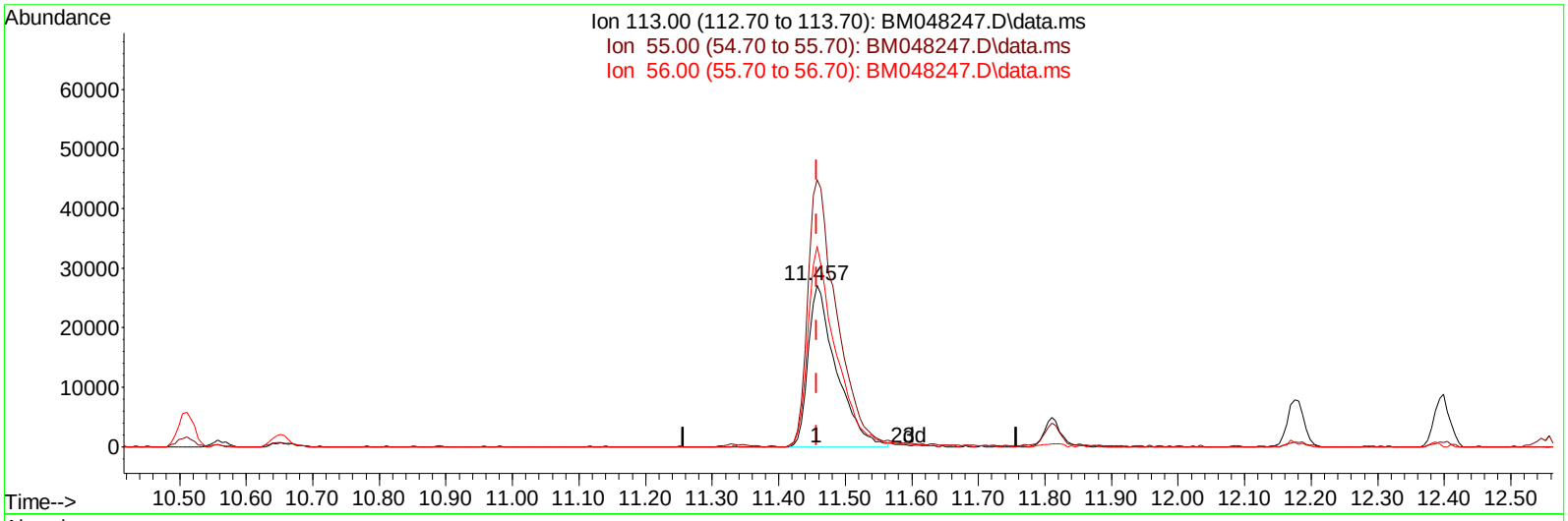
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102624\
Data File : BM048247.D
Acq On : 26 Oct 2024 14:31
Operator : RC/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

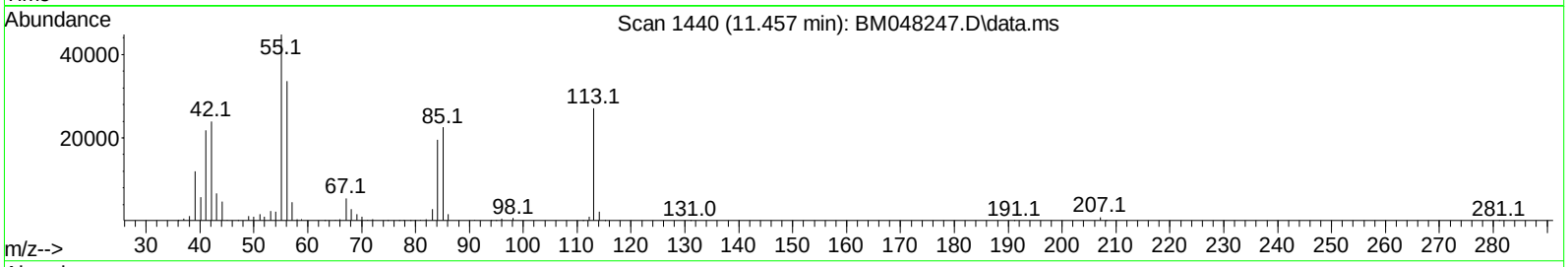
Quant Time: Oct 27 23:43:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

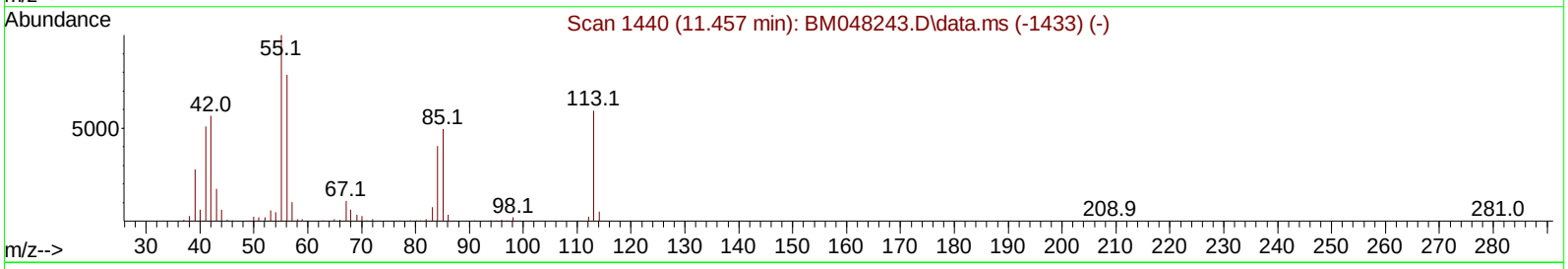
Instrument :
BNA_M
ClientSampleId :
SICV040

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024







TIC: BM048247.D\data.ms

(34) Caprolactam

11.457min (+ 0.001) 16.61 ng/ul

response 79677

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	165.13
56.00	132.30	123.84
0.00	0.00	0.00

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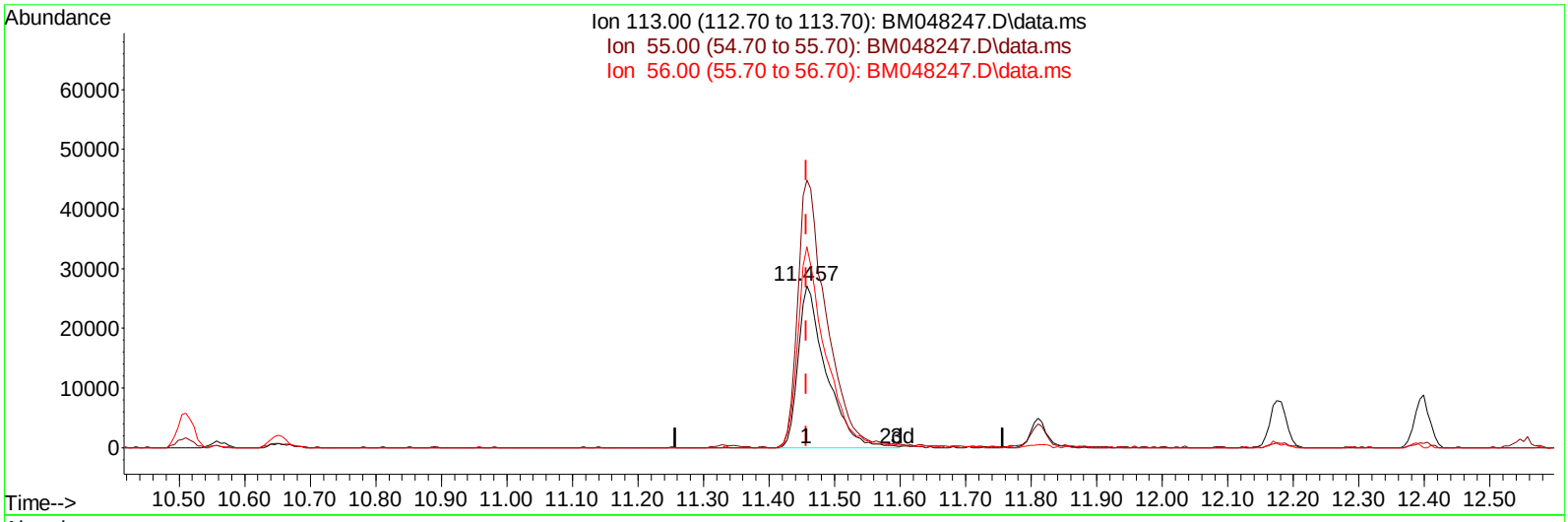

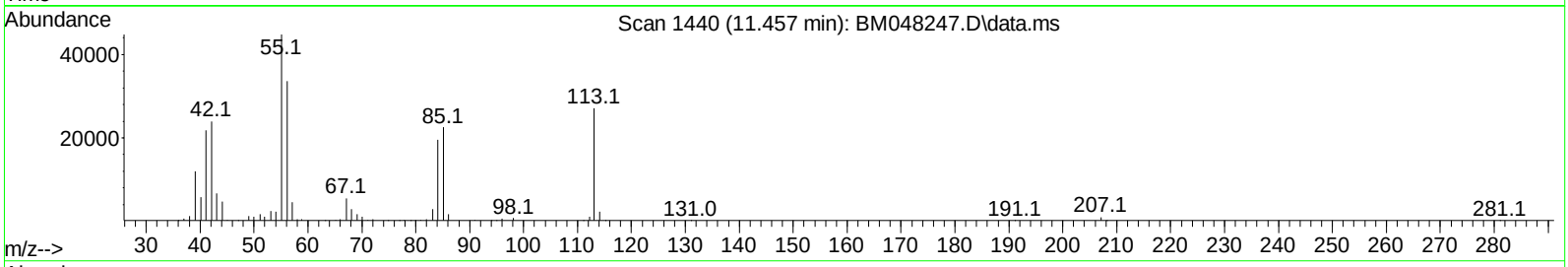

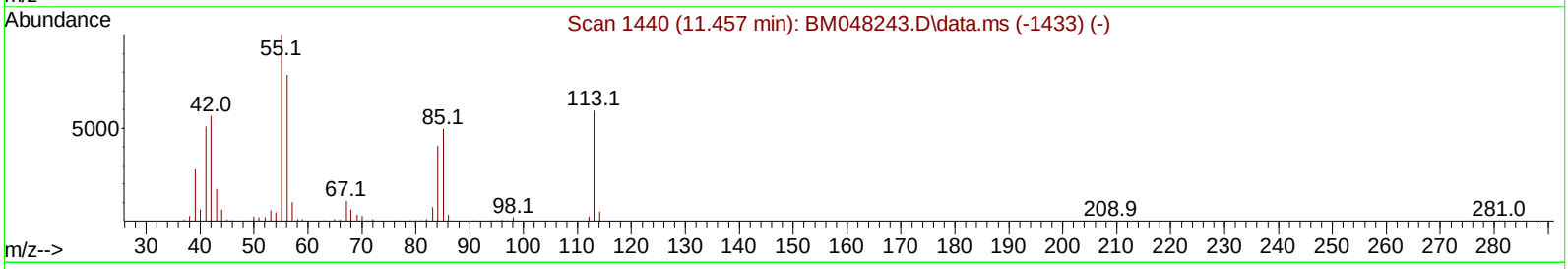

TIC: BM048247.D\data.ms

(34) Caprolactam

11.457min (+ 0.001) 16.77 ng/ul m

response 80472

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	165.13
56.00	132.30	123.84
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	219695	20.000	ng/ul	0.00
20) Naphthalene-d8	10.510	136	907187	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.363	164	563220	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1080095	20.000	ng/ul	0.00
79) Chrysene-d12	21.333	240	943732	20.000	ng/ul	0.00
88) Perylene-d12	24.280	264	1028504	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	39950	7.159	ng/uL	0.00
4) Pyridine-d5	3.587	84	304937	18.853	ng/ul	0.00
7) Phenol-d5	6.899	99	334502	17.723	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	227459	19.455	ng/ul	0.00
11) 2-Chlorophenol-d4	7.258	132	291570	18.996	ng/ul	0.00
15) 4-Methylphenol-d8	8.440	113	272829	18.004	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	141220	18.987	ng/ul	0.00
24) 2-Nitrophenol-d4	9.599	143	154968	19.233	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	279829	19.032	ng/ul	0.00
31) 4-Chloroaniline-d4	10.652	131	388140	19.011	ng/ul	0.00
46) Dimethylphthalate-d6	13.781	166	779186	18.512	ng/ul	0.00
49) Acenaphthylene-d8	14.057	160	912504	19.228	ng/ul	0.00
54) 4-Nitrophenol-d4	14.581	143	131528	17.088	ng/ul	0.00
60) Fluorene-d10	15.357	176	661551	18.601	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	125373	17.564	ng/ul	0.00
73) Anthracene-d10	17.204	188	976449	19.118	ng/ul	0.00
81) Pyrene-d10	19.498	212	1062044	18.545	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1016348	18.735	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	44912	7.613	ng/uL	98
5) Pyridine	3.611	79	279303	16.849	ng/ul	98
6) Benzaldehyde	6.864	77	164594	17.620	ng/ul	97
8) Phenol	6.928	94	346807	17.643	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.146	93	281850	17.948	ng/ul	98
12) 2-Chlorophenol	7.287	128	292641	18.570	ng/ul	98
13) 2-Methylphenol	8.169	108	262680	17.764	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.240	45	423788	17.657	ng/ul	99
16) Acetophenone	8.546	105	441484	18.498	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.528	70	222500	18.177	ng/ul	97
18) 4-Methylphenol	8.499	108	292678	17.933	ng/ul	97
19) Hexachloroethane	8.793	117	119660	18.013	ng/ul	98
22) Nitrobenzene	8.922	77	312326	18.071	ng/ul	98
23) Isophorone	9.446	82	595642	17.784	ng/ul	99
25) 2-Nitrophenol	9.628	139	166342	18.834	ng/ul	97
26) 2,4-Dimethylphenol	9.699	107	264171	16.293	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.928	93	381957	18.387	ng/ul	99
29) 2,4-Dichlorophenol	10.169	162	276227	18.360	ng/ul	98
30) Naphthalene	10.563	128	933068	18.415	ng/ul	100
32) 4-Chloroaniline	10.675	127	379713	19.195	ng/ul	99
33) Hexachlorobutadiene	10.846	225	185568	18.510	ng/ul	98
34) Caprolactam	11.457	113	80472m	16.771	ng/ul	
35) 4-Chloro-3-methylphenol	11.810	107	275115	18.174	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.175	142	638931	18.708	ng/ul	99
37) 1-Methylnaphthalene	12.399	142	594585	17.162	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.551	216	332052	18.622	ng/ul	100
40) Hexachlorocyclopentadiene	12.528	237	186261	17.450	ng/ul	99
41) 2,4,6-Trichlorophenol	12.793	196	215407	18.715	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	225014	18.510	ng/ul	98
43) 1,1'-Biphenyl	13.198	154	819443	18.970	ng/ul	99
44) 2-Chloronaphthalene	13.240	162	628727	18.783	ng/ul	99
45) 2-Nitroaniline	13.446	65	168570	18.196	ng/ul	97
47) Dimethylphthalate	13.828	163	764679	18.115	ng/ul	100
48) 2,6-Dinitrotoluene	13.945	165	158970	19.368	ng/ul	94
50) Acenaphthylene	14.087	152	991388	19.124	ng/ul	99
51) 3-Nitroaniline	14.275	138	167673	19.407	ng/ul	99
52) Acenaphthene	14.428	153	673381	18.306	ng/ul	99
53) 2,4-Dinitrophenol	14.487	184	87997	15.763	ng/ul	97
55) 4-Nitrophenol	14.592	109	93325	16.609	ng/ul	98
56) Dibenzofuran	14.763	168	948248	18.737	ng/ul	99
57) 2,4-Dinitrotoluene	14.734	165	214192	17.850	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.998	232	202387	19.418	ng/ul	99
59) Diethylphthalate	15.192	149	755623	17.793	ng/ul	98
61) Fluorene	15.416	166	743776	18.457	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.410	204	373095	18.443	ng/ul	99
63) 4-Nitroaniline	15.440	138	165341	21.135	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.498	198	135503	17.708	ng/ul	94
67) N-Nitrosodiphenylamine	15.622	169	634206	19.666	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	225002	19.094	ng/ul	98
69) Hexachlorobenzene	16.416	284	264273	18.743	ng/ul	98
70) Atrazine	16.575	200	217846	19.730	ng/ul	99
71) Pentachlorophenol	16.763	266	159370	17.864	ng/ul	98
72) Phenanthrene	17.151	178	1107201	18.513	ng/ul	99
74) Anthracene	17.239	178	1133871	18.941	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.163	216	314866	18.421	ng/uL	98
76) Pentachlorobenzene	14.687	250	326276	18.757	ng/uL	98
77) Carbazole	17.516	167	1011630	19.246	ng/ul	100
78) Di-n-butylphthalate	18.075	149	1258198	18.216	ng/ul	99
80) Fluoranthene	19.163	202	1233912	18.517	ng/ul	99
82) Pyrene	19.527	202	1312077	18.365	ng/ul	99
83) Butylbenzylphthalate	20.427	149	533525	18.070	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.239	252	427466	20.759	ng/ul	100
85) Benzo(a)anthracene	21.310	228	1237984	18.190	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	786741	18.492	ng/ul	99
87) Chrysene	21.374	228	1175644	18.370	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	1297559	16.863	ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1197103	18.239	ng/ul	100
91) Benzo(k)fluoranthene	23.410	252	1173278	17.854	ng/ul	99
93) Benzo(a)pyrene	24.139	252	1129850	18.922	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.598	276	1383991	19.246	ng/ul	99
95) Dibenzo(a,h)anthracene	27.650	278	1144640	19.463	ng/ul	99
96) Benzo(g,h,i)perylene	28.633	276	1051200	19.049	ng/ul	98

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

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