Quantitation Report (Qedit)

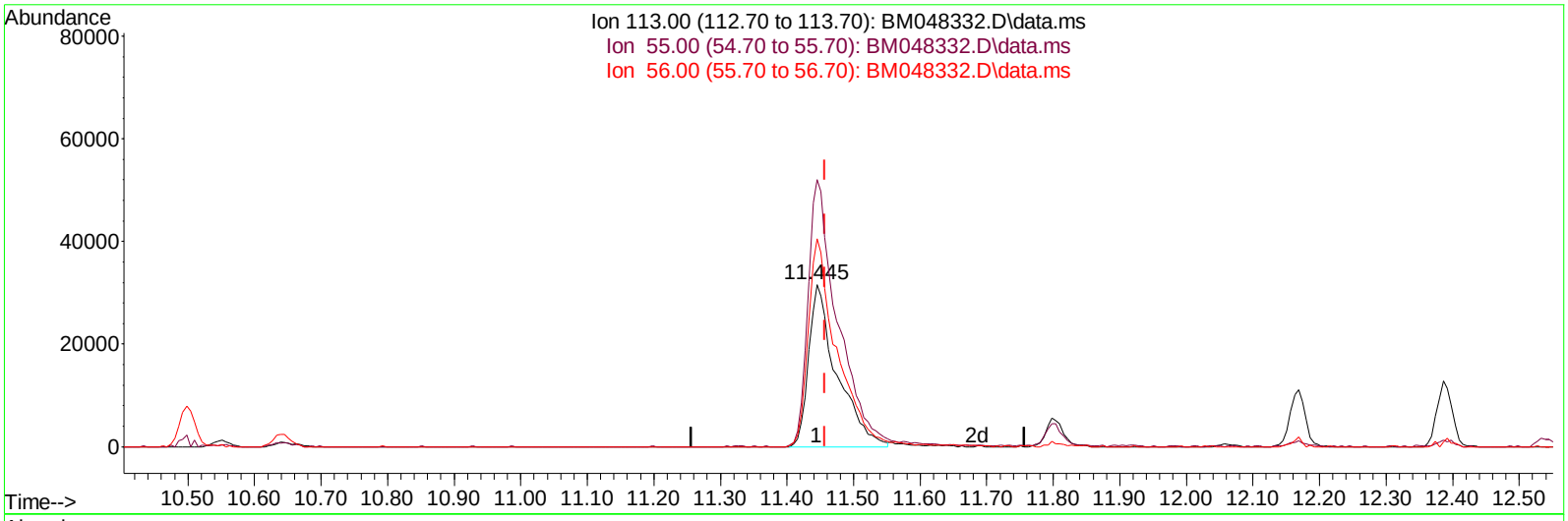
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
Data File : BM048332.D
Acq On : 30 Oct 2024 21:36
Operator : RC/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

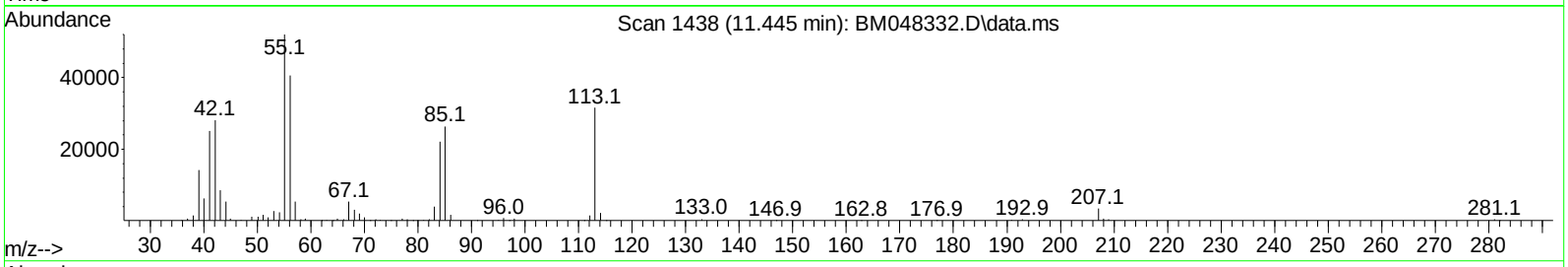
Quant Time: Oct 31 12:20:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
Response via : Initial Calibration

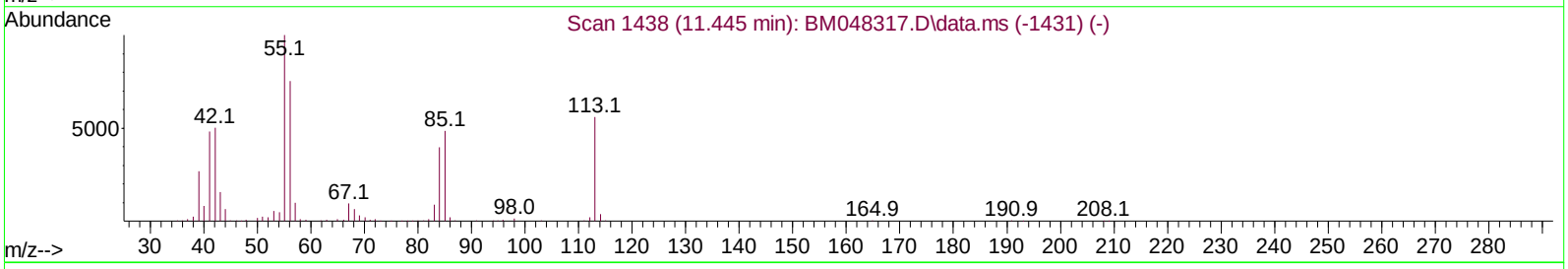
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/01/2024
Supervised By :mohammad ahmed 11/01/2024







TIC: BM048332.D\data.ms

(34) Caprolactam

11.445min (-0.012) 15.84 ng/ul

response 93225

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	164.67
56.00	132.30	128.42
0.00	0.00	0.00

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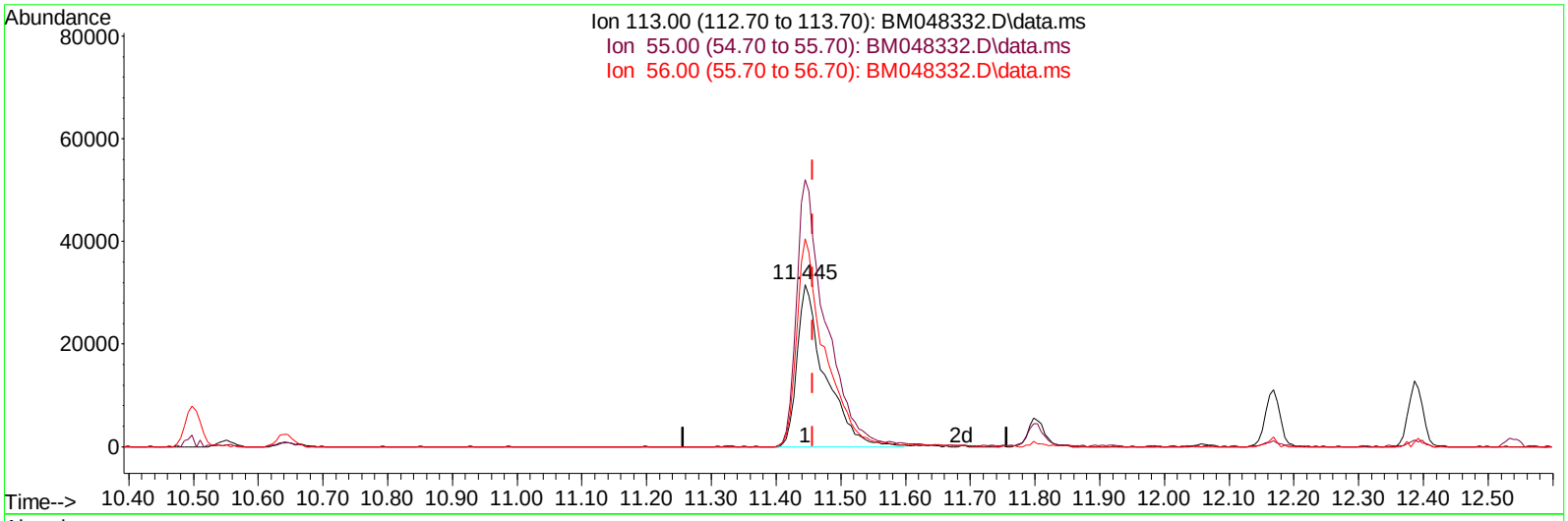

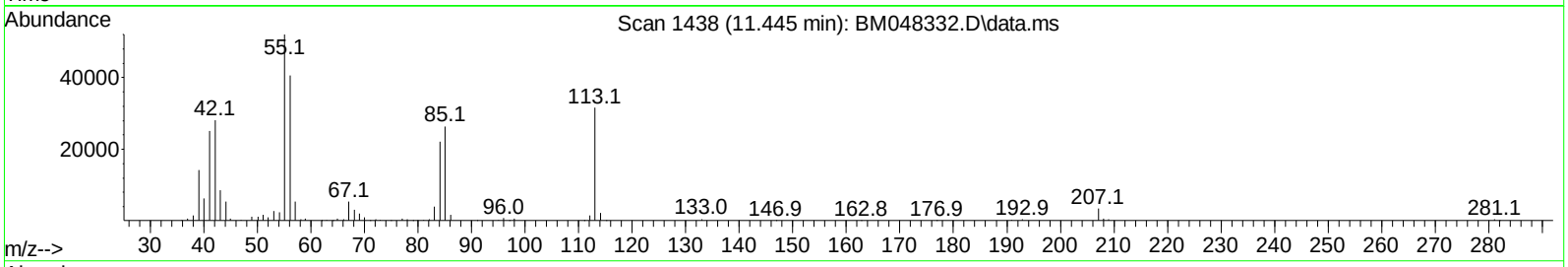

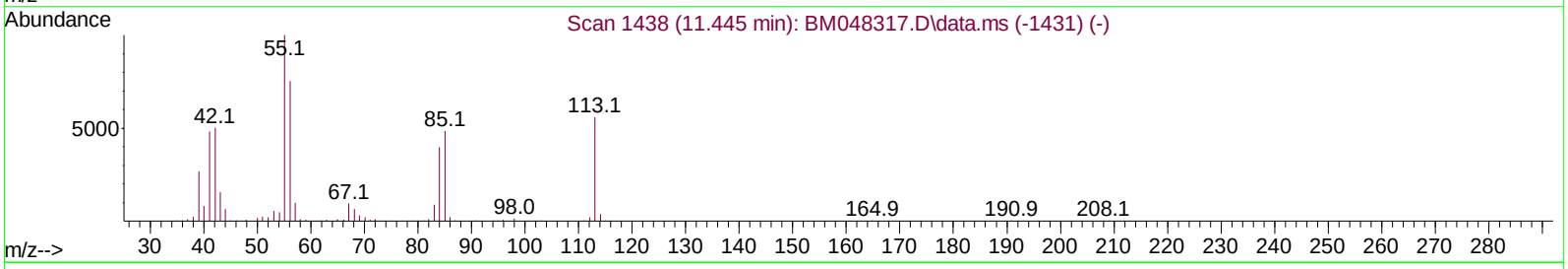

TIC: BM048332.D\data.ms

(34) Caprolactam

11.445min (-0.012) 16.08 ng/ul m

response 94647

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	168.90	164.67
56.00	132.30	128.42
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 27 23:39:58 2024
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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	7.710	152	269310	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.498	136	1112871	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.357	164	662080	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1199160	20.000	ng/ul	-0.01
79) Chrysene-d12	21.321	240	967096	20.000	ng/ul	-0.01
88) Perylene-d12	24.262	264	1028539	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	53044	7.754	ng/uL	0.00
4) Pyridine-d5	3.581	84	373414	18.833	ng/ul	0.00
7) Phenol-d5	6.892	99	447255	19.331	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.045	67	281388	19.633	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.245	132	381714	20.287	ng/ul	-0.01
15) 4-Methylphenol-d8	8.428	113	355401	19.133	ng/ul	-0.01
21) Nitrobenzene-d5	8.869	128	186038	20.390	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.586	143	198975	20.131	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.127	165	361439	20.039	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.639	131	461192	18.414	ng/ul	-0.01
46) Dimethylphthalate-d6	13.768	166	948054	19.161	ng/ul	-0.01
49) Acenaphthylene-d8	14.045	160	1120262	20.081	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.574	143	147007	16.247	ng/ul	0.00
60) Fluorene-d10	15.351	176	798198	19.092	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	135195	17.060	ng/ul	-0.01
73) Anthracene-d10	17.198	188	1129188	19.914	ng/ul	-0.01
81) Pyrene-d10	19.486	212	1172916	19.986	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.062	264	1037753	19.129	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	56998	7.882	ng/uL	99
5) Pyridine	3.604	79	387856	19.087	ng/ul	100
6) Benzaldehyde	6.857	77	219866	19.201	ng/ul	95
8) Phenol	6.916	94	458468	19.027	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.139	93	380942	19.789	ng/ul	98
12) 2-Chlorophenol	7.281	128	379574	19.649	ng/ul	98
13) 2-Methylphenol	8.163	108	348284	19.214	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.239	45	589369	20.032	ng/ul	99
16) Acetophenone	8.533	105	574833	19.648	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.522	70	289918	19.321	ng/ul	99
18) 4-Methylphenol	8.492	108	379429	18.966	ng/ul	95
19) Hexachloroethane	8.786	117	162048	19.899	ng/ul	98
22) Nitrobenzene	8.910	77	426462	20.115	ng/ul	99
23) Isophorone	9.439	82	797850	19.419	ng/ul	99
25) 2-Nitrophenol	9.622	139	210902	19.466	ng/ul	99
26) 2,4-Dimethylphenol	9.686	107	374780	18.843	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.916	93	505617	19.842	ng/ul	98
29) 2,4-Dichlorophenol	10.157	162	354917	19.230	ng/ul	98
30) Naphthalene	10.551	128	1235268	19.874	ng/ul	100
32) 4-Chloroaniline	10.669	127	437013	18.008	ng/ul	100
33) Hexachlorobutadiene	10.833	225	238876	19.423	ng/ul	99
34) Caprolactam	11.445	113	94647m	16.079	ng/ul	
35) 4-Chloro-3-methylphenol	11.804	107	340424	18.332	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.168	142	798940	19.069	ng/ul	99
37) 1-Methylnaphthalene	12.386	142	827945	19.481	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.539	216	431378	20.580	ng/ul	99
40) Hexachlorocyclopentadiene	12.516	237	239924	19.121	ng/ul	99
41) 2,4,6-Trichlorophenol	12.786	196	266450	19.694	ng/ul	99
42) 2,4,5-Trichlorophenol	12.863	196	279069	19.528	ng/ul	97
43) 1,1'-Biphenyl	13.186	154	1024411	20.174	ng/ul	99
44) 2-Chloronaphthalene	13.227	162	805554	20.472	ng/ul	99
45) 2-Nitroaniline	13.439	65	204565	18.784	ng/ul	95
47) Dimethylphthalate	13.815	163	959790	19.342	ng/ul	100
48) 2,6-Dinitrotoluene	13.933	165	185982	19.276	ng/ul	98
50) Acenaphthylene	14.074	152	1293932	21.234	ng/ul	99
51) 3-Nitroaniline	14.268	138	181086	17.830	ng/ul	99
52) Acenaphthene	14.421	153	853271	19.733	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	101480	15.464	ng/ul	96
55) 4-Nitrophenol	14.586	109	105308	15.943	ng/ul	97
56) Dibenzofuran	14.757	168	1155524	19.424	ng/ul	99
57) 2,4-Dinitrotoluene	14.727	165	257578	18.260	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.986	232	226606	18.495	ng/ul	96
59) Diethylphthalate	15.180	149	935671	18.742	ng/ul	99
61) Fluorene	15.404	166	918058	19.380	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	465157	19.560	ng/ul	99
63) 4-Nitroaniline	15.433	138	162948	17.719	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.492	198	146704	17.268	ng/ul	95
67) N-Nitrosodiphenylamine	15.615	169	747096	20.867	ng/ul	98
68) 4-Bromophenyl-phenylether	16.292	248	270461	20.672	ng/ul	98
69) Hexachlorobenzene	16.409	284	315308	20.142	ng/ul	98
70) Atrazine	16.568	200	240576	19.626	ng/ul	98
71) Pentachlorophenol	16.756	266	179124	18.085	ng/ul	99
72) Phenanthrene	17.139	178	1322757	19.921	ng/ul	99
74) Anthracene	17.233	178	1355812	20.400	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	412078	21.714	ng/uL	98
76) Pentachlorobenzene	14.674	250	402265	20.829	ng/uL	100
77) Carbazole	17.503	167	1153982	19.775	ng/ul	100
78) Di-n-butylphthalate	18.068	149	1504134	19.614	ng/ul	100
80) Fluoranthene	19.156	202	1410097	20.650	ng/ul	99
82) Pyrene	19.521	202	1455130	19.875	ng/ul	99
83) Butylbenzylphthalate	20.415	149	605138	20.001	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	392385	18.595	ng/ul	99
85) Benzo(a)anthracene	21.303	228	1359230	19.489	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	897117	20.577	ng/ul	99
87) Chrysene	21.362	228	1285278	19.598	ng/ul	99
89) Di-n-octyl phthalate	22.338	149	1453197	18.885	ng/ul	100
90) Benzo(b)fluoranthene	23.332	252	1270555	19.357	ng/ul	99
91) Benzo(k)fluoranthene	23.391	252	1313774	19.991	ng/ul	100
93) Benzo(a)pyrene	24.127	252	1208752	20.243	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.567	276	1466865	20.398	ng/ul	98
95) Dibenzo(a,h)anthracene	27.620	278	1249779	21.250	ng/ul	99
96) Benzo(g,h,i)perylene	28.597	276	1199633	21.738	ng/ul	98

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

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