Quantitation Report (Qedit)

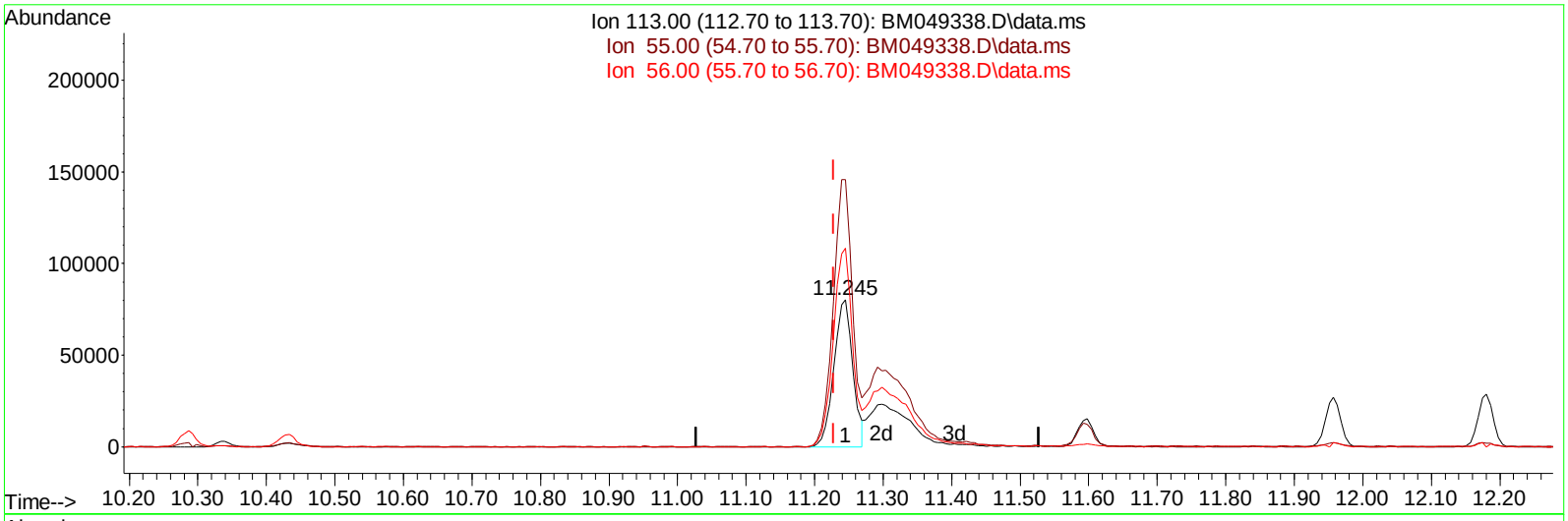
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011325\
Data File : BM049338.D
Acq On : 13 Jan 2025 15:02
Operator : RC/JU
Sample : SSTD04069
Misc :
ALS Vial : 5 Sample Multiplier: 1

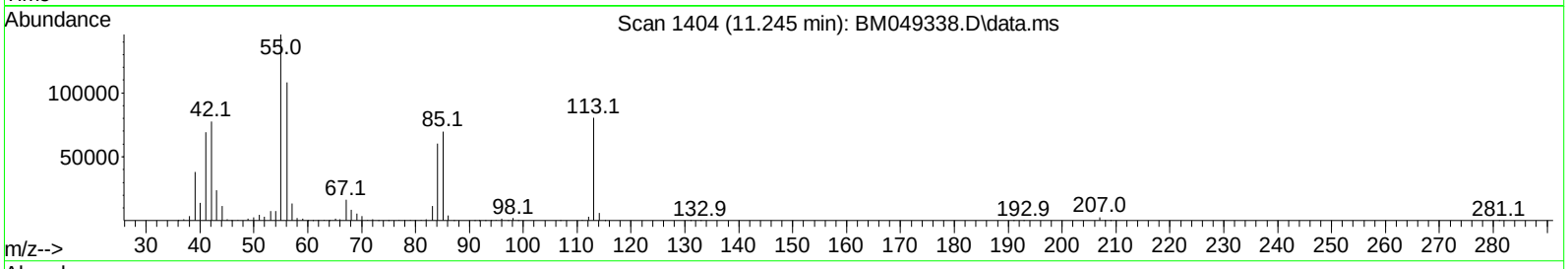
Quant Time: Jan 13 15:46:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 15:05:49 2025
Response via : Initial Calibration

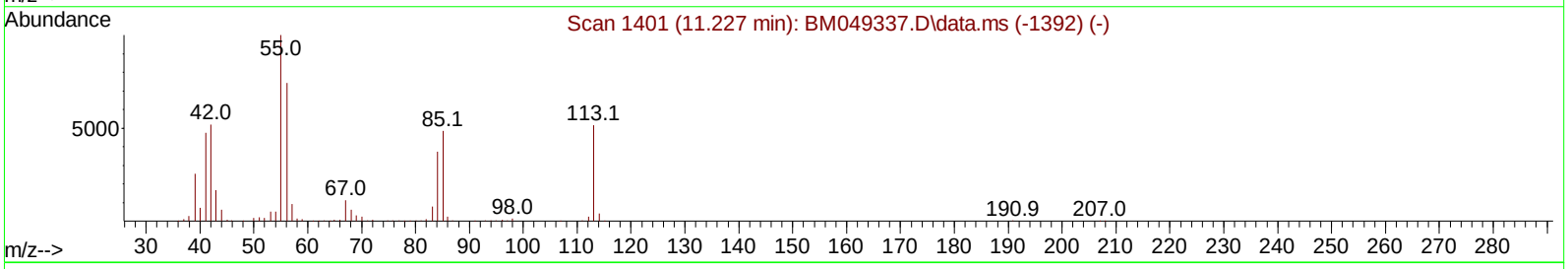
Instrument :
BNA_M
ClientSampleId :
SSTD040009

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/14/2025
Supervised By :mohammad ahmed 01/16/2025







TIC: BM049338.D\data.ms

(34) Caprolactam

11.245min (+ 0.018) 27.12 ng/ul

response 153774

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	181.24
56.00	143.50	134.90
0.00	0.00	0.00

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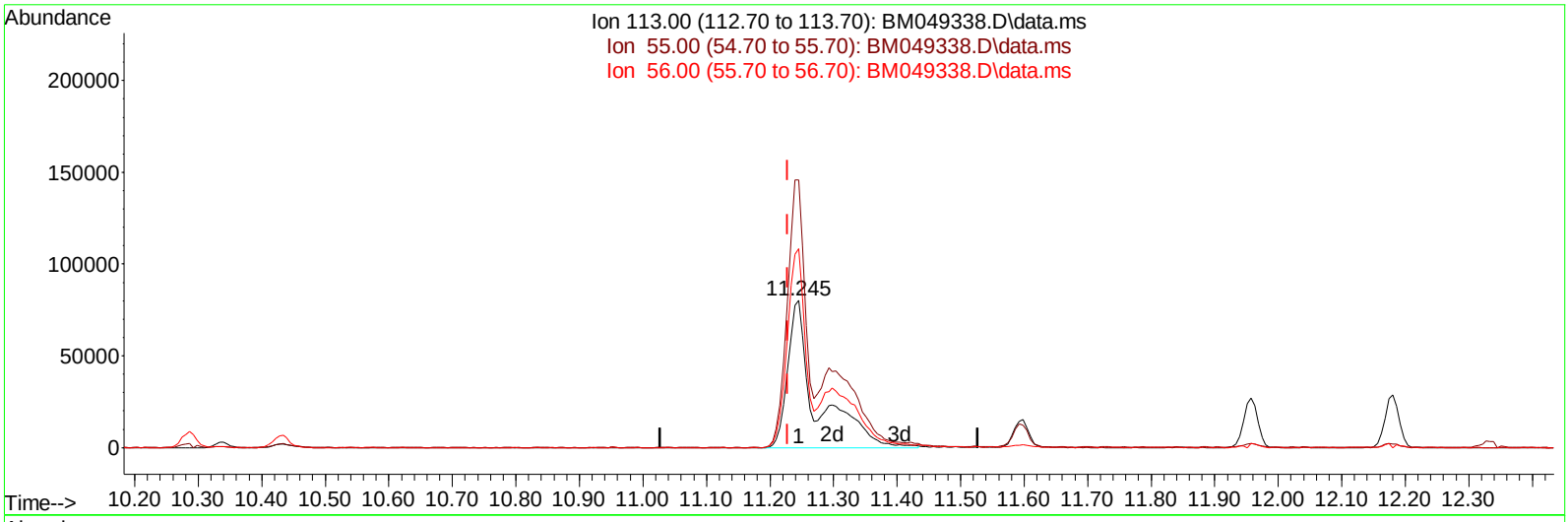

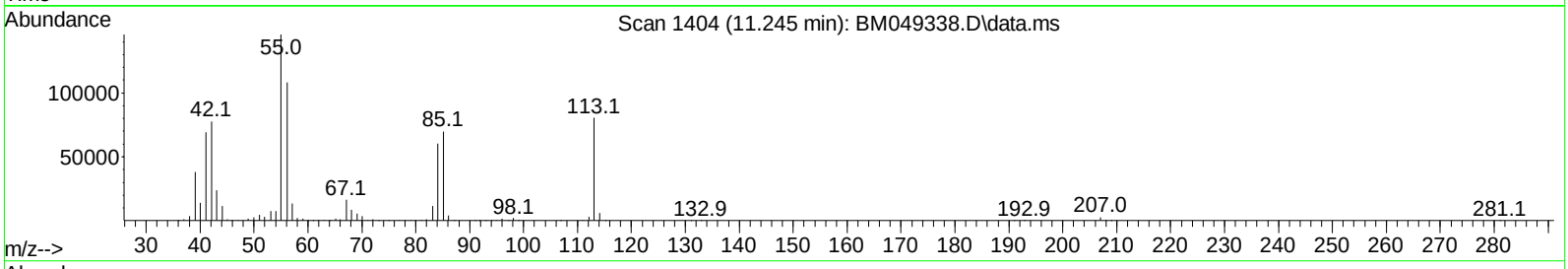

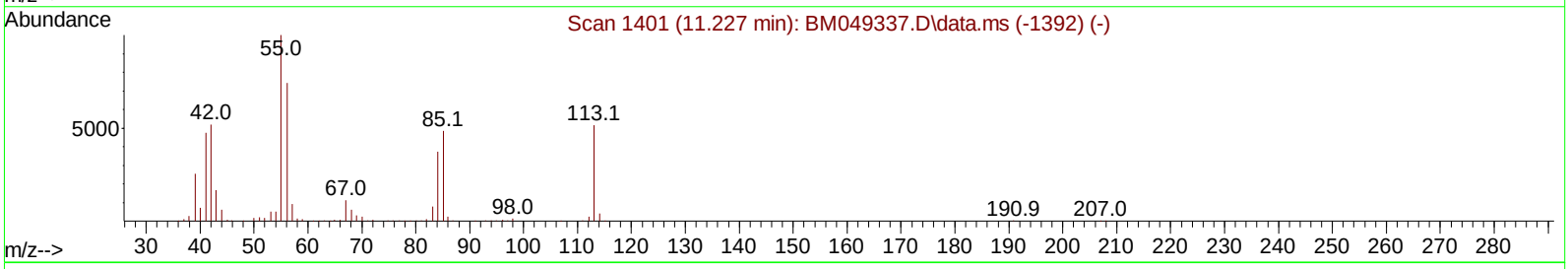

TIC: BM049338.D\data.ms

(34) Caprolactam

11.245min (+ 0.018) 44.54 ng/ul m

response 252561

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	181.24
56.00	143.50	134.90
0.00	0.00	0.00

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION
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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	7.522	152	289560	20.000	ng/ul	0.00
20) Naphthalene-d8	10.286	136	1169083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.163	164	802785	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.915	188	1592461	20.000	ng/ul	0.00
79) Chrysene-d12	21.150	240	1330485	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	1097731	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	109399	13.471	ng/uL	0.00
4) Pyridine-d5	3.510	84	881694	35.854	ng/ul	0.00
7) Phenol-d5	6.722	99	976477	38.050	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	646236	37.046	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	773099	41.077	ng/ul	0.00
15) 4-Methylphenol-d8	8.245	113	775654	39.972	ng/ul	0.00
21) Nitrobenzene-d5	8.669	128	376341	43.561	ng/ul	0.00
24) 2-Nitrophenol-d4	9.381	143	435449	51.624	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	867800	49.118	ng/ul	0.00
31) 4-Chloroaniline-d4	10.433	131	1103419	41.733	ng/ul	0.00
46) Dimethylphthalate-d6	13.592	166	2456973	42.748	ng/ul	0.00
49) Acenaphthylene-d8	13.857	160	2907004	42.039	ng/ul	0.00
54) 4-Nitrophenol-d4	14.398	143	413588	38.862	ng/ul	0.00
60) Fluorene-d10	15.168	176	2138909	42.886	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	417499	46.274	ng/ul	0.00
73) Anthracene-d10	17.015	188	3286236	41.050	ng/ul	0.00
81) Pyrene-d10	19.321	212	3635321	46.708	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	2534617	43.468	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	113954	13.027	ng/uL	98
5) Pyridine	3.528	79	891741	35.098	ng/ul	97
6) Benzaldehyde	6.681	77	566242	41.506	ng/ul	98
8) Phenol	6.745	94	1011482	36.904	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.969	93	820291	37.555	ng/ul	98
12) 2-Chlorophenol	7.098	128	795897	40.243	ng/ul	98
13) 2-Methylphenol	7.975	108	752527	39.461	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.045	45	1248726	38.424	ng/ul	100
16) Acetophenone	8.339	105	1302860	40.257	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.339	70	707157	43.851	ng/ul	99
18) 4-Methylphenol	8.304	108	835799	39.885	ng/ul	99
19) Hexachloroethane	8.586	117	338025	39.492	ng/ul	98
22) Nitrobenzene	8.710	77	951943	40.657	ng/ul	99
23) Isophorone	9.239	82	1880210	44.499	ng/ul	99
25) 2-Nitrophenol	9.416	139	468708	48.016	ng/ul	99
26) 2,4-Dimethylphenol	9.492	107	850773	43.423	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.722	93	1138160	42.499	ng/ul	99
29) 2,4-Dichlorophenol	9.945	162	850174	47.175	ng/ul	98
30) Naphthalene	10.333	128	2562253	40.564	ng/ul	99
32) 4-Chloroaniline	10.457	127	1056906	41.627	ng/ul	99
33) Hexachlorobutadiene	10.627	225	577746	47.849	ng/ul	99
34) Caprolactam	11.245	113	252561m	44.542	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	821432	47.690	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.957	142	1858850	45.186	ng/ul	99
37) 1-Methylnaphthalene	12.180	142	1846047	44.919	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.333	216	1150087	44.436	ng/ul	99
40) Hexachlorocyclopentadiene	12.316	237	665502	41.716	ng/ul	98
41) 2,4,6-Trichlorophenol	12.586	196	733340	49.468	ng/ul	99
42) 2,4,5-Trichlorophenol	12.657	196	792958	48.882	ng/ul	97
43) 1,1'-Biphenyl	12.992	154	2463717	39.925	ng/ul	99
44) 2-Chloronaphthalene	13.027	162	1956701	39.884	ng/ul	99
45) 2-Nitroaniline	13.245	65	548874	43.181	ng/ul	95
47) Dimethylphthalate	13.639	163	2417300	42.196	ng/ul	100
48) 2,6-Dinitrotoluene	13.751	165	491566	49.414	ng/ul	99
50) Acenaphthylene	13.886	152	2931788	39.570	ng/ul	100
51) 3-Nitroaniline	14.080	138	463517	41.769	ng/ul	100
52) Acenaphthene	14.227	153	2085567	39.552	ng/ul	99
53) 2,4-Dinitrophenol	14.292	184	289632	53.088	ng/ul	94
55) 4-Nitrophenol	14.410	109	304663	38.174	ng/ul	97
56) Dibenzofuran	14.568	168	2907778	40.439	ng/ul	99
57) 2,4-Dinitrotoluene	14.545	165	711329	48.585	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.804	232	653676	53.010	ng/ul	96
59) Diethylphthalate	15.015	149	2394739	43.247	ng/ul	98
61) Fluorene	15.221	166	2409674	40.435	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.221	204	1309680	44.122	ng/ul	96
63) 4-Nitroaniline	15.251	138	426713	40.720	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.310	198	453907	45.574	ng/ul	96
67) N-Nitrosodiphenylamine	15.439	169	2006236	40.723	ng/ul	100
68) 4-Bromophenyl-phenylether	16.121	248	773436	46.664	ng/ul	96
69) Hexachlorobenzene	16.227	284	874447	44.362	ng/ul	100
70) Atrazine	16.409	200	792679	42.297	ng/ul	100
71) Pentachlorophenol	16.574	266	564164	44.918	ng/ul	97
72) Phenanthrene	16.962	178	3694895	39.567	ng/ul	100
74) Anthracene	17.051	178	3743935	39.813	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.951	216	1114390	41.814	ng/uL	99
76) Pentachlorobenzene	14.486	250	1109553	42.682	ng/uL	99
77) Carbazole	17.327	167	3193088	36.395	ng/ul	99
78) Di-n-butylphthalate	17.909	149	4103154	44.680	ng/ul	99
80) Fluoranthene	18.986	202	4241809	46.577	ng/ul	100
82) Pyrene	19.350	202	4458823	44.694	ng/ul	99
83) Butylbenzylphthalate	20.280	149	1595151	50.605	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.068	252	1043814	42.564	ng/ul	99
85) Benzo(a)anthracene	21.133	228	3872679	42.150	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.086	149	2344337	51.211	ng/ul	99
87) Chrysene	21.192	228	3518565	40.819	ng/ul	100
89) Di-n-octyl phthalate	22.150	149	3475344	47.759	ng/ul	100
90) Benzo(b)fluoranthene	23.062	252	3164031	43.750	ng/ul	100
91) Benzo(k)fluoranthene	23.121	252	3170949	43.492	ng/ul	100
93) Benzo(a)pyrene	23.803	252	2842682	42.560	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.026	276	3247935	40.494	ng/ul	100
95) Dibenzo(a,h)anthracene	27.079	278	2651366	40.463	ng/ul	99
96) Benzo(g,h,i)perylene	27.991	276	2436600	39.951	ng/ul	99

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

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