Quantitation Report (Qedit)

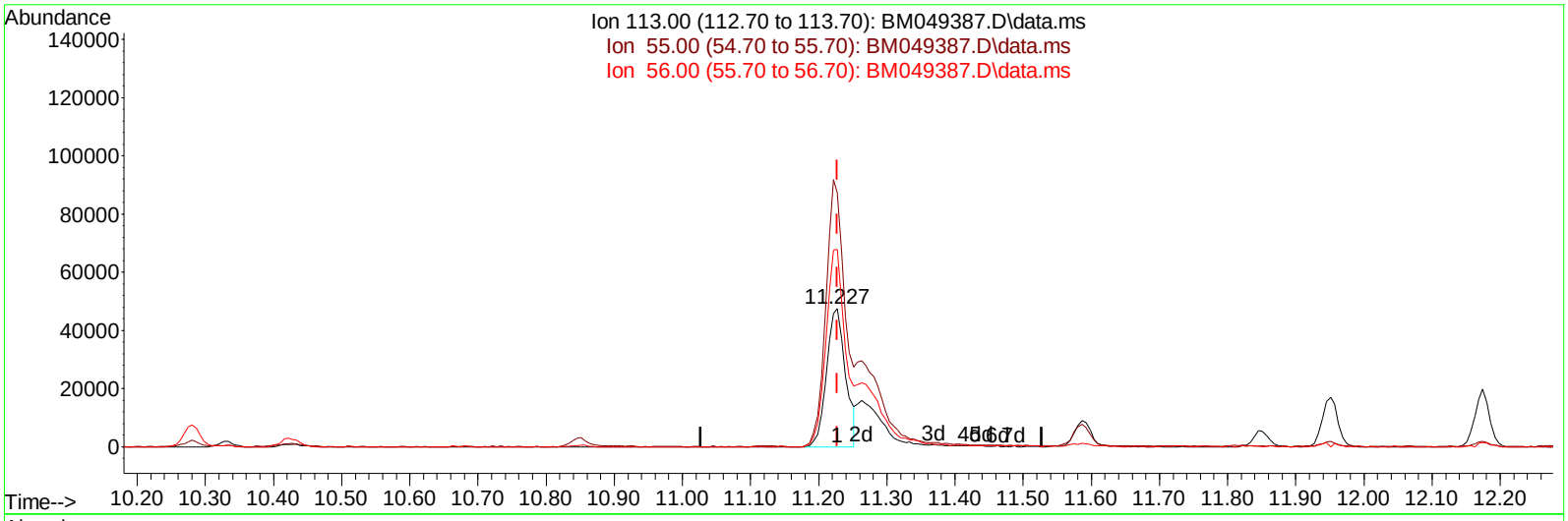
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049387.D
Acq On : 22 Jan 2025 17:30
Operator : RC/JU
Sample : Q1139-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

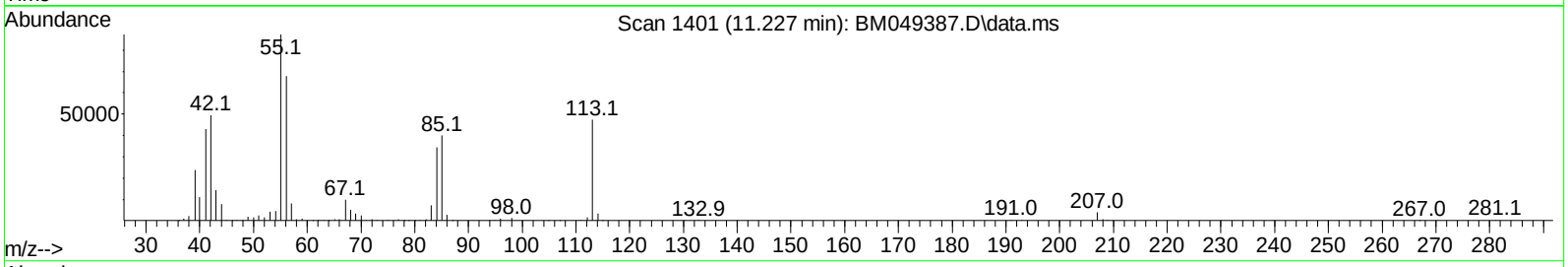
Quant Time: Jan 22 22:11:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

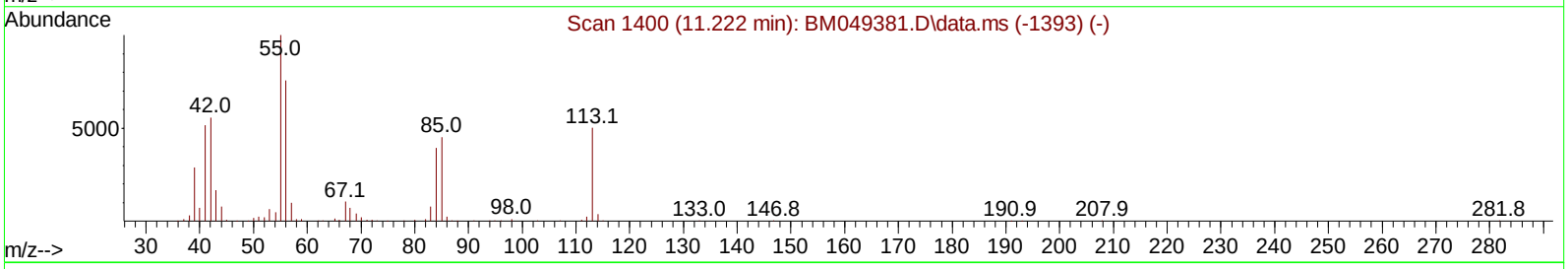
Instrument :
BNA_M
ClientSampleId :
DCZH2MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025







TIC: BM049387.D\data.ms

(34) Caprolactam

11.227min (-0.000) 18.08 ng/ul

response 92279

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	184.15
56.00	143.50	142.92
0.00	0.00	0.00

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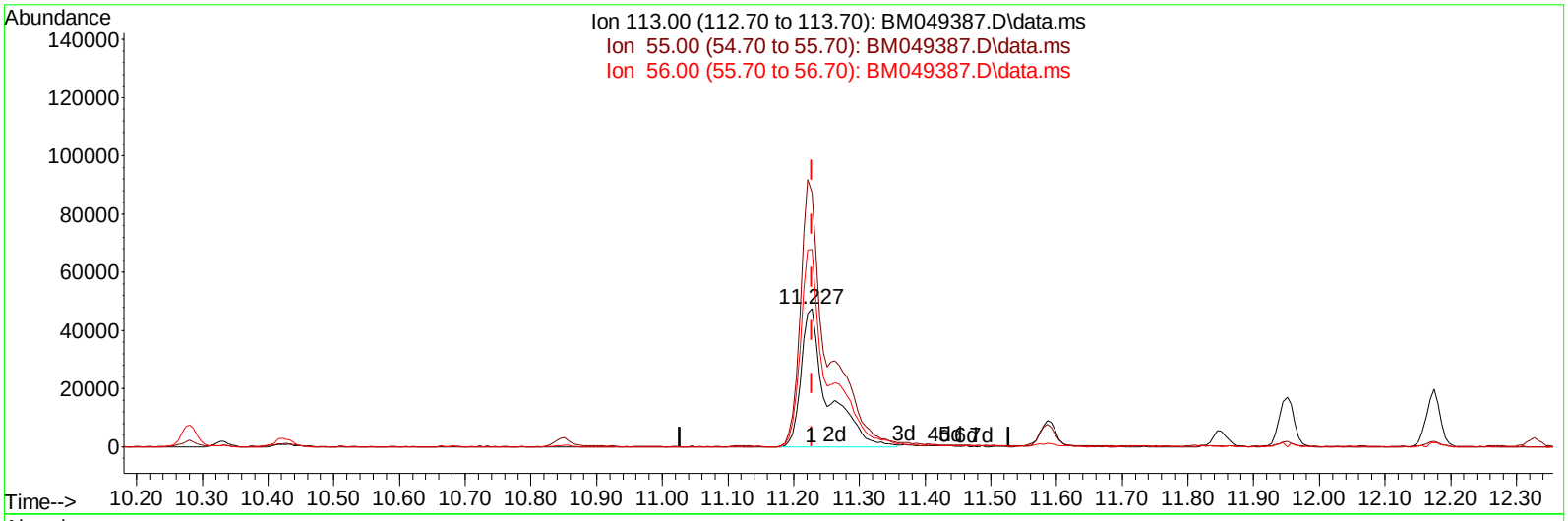

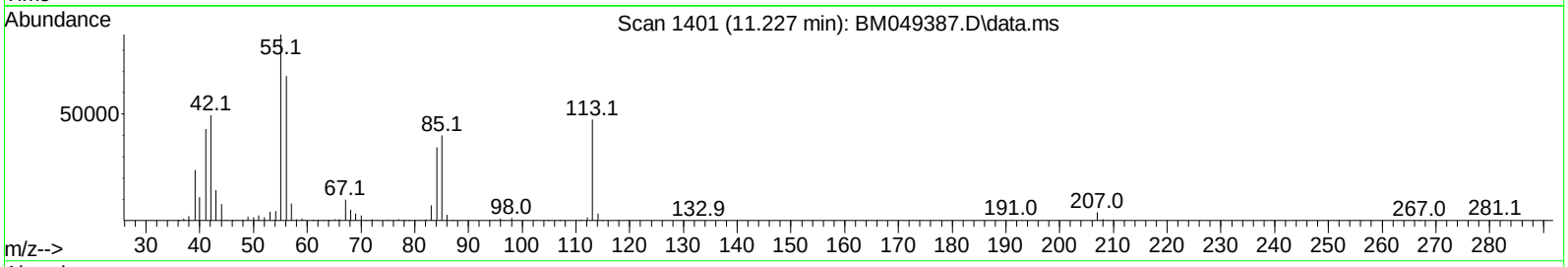

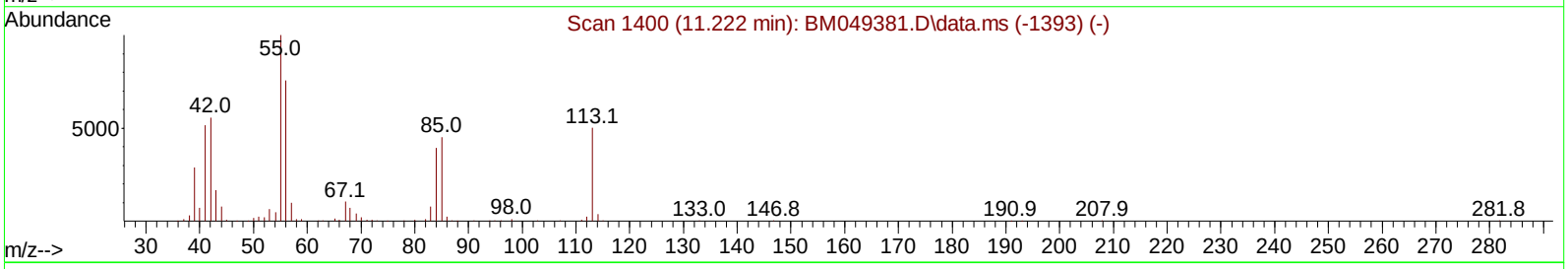

TIC: BM049387.D\data.ms

(34) Caprolactam

11.227min (-0.000) 26.13 ng/ul m

response 133353

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	184.15
56.00	143.50	142.92
0.00	0.00	0.00

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Operator : RC/JU
Sample : Q1139-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 22 22:48:58 2025
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
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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	264269	20.000	ng/ul	0.00
20) Naphthalene-d8	10.280	136	989159	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	618550	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.909	188	1172696	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	1104032	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	1026465	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	28263	4.425	ng/uL	0.00
4) Pyridine-d5	3.504	84	405073	19.922	ng/ul	0.00
7) Phenol-d5	6.716	99	497239	22.414	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	340357	23.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	394123	23.224	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	370679	21.548	ng/ul	0.00
21) Nitrobenzene-d5	8.663	128	177399	23.518	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	196172	23.264	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	408715	23.753	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	434443	19.188	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	1079854	23.456	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	1259811	23.971	ng/ul	0.00
54) 4-Nitrophenol-d4	14.386	143	161092	21.131	ng/ul	0.00
60) Fluorene-d10	15.157	176	930780	23.403	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	159005	21.275	ng/ul	0.00
73) Anthracene-d10	17.009	188	1379394	23.795	ng/ul	0.00
81) Pyrene-d10	19.315	212	1490634	22.185	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	1244859	22.592	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	87964	12.571	ng/uL	97
5) Pyridine	3.528	79	677260	32.950	ng/ul	95
6) Benzaldehyde	6.675	77	45062	3.768	ng/ul	96
8) Phenol	6.740	94	733957	31.822	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.963	93	580546	30.909	ng/ul	99
12) 2-Chlorophenol	7.092	128	562909	31.911	ng/ul	100
13) 2-Methylphenol	7.969	108	505075	29.972	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.039	45	912681	32.423	ng/ul	98
16) Acetophenone	8.334	105	840194	29.905	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.328	70	468595	30.878	ng/ul	98
18) 4-Methylphenol	8.298	108	550214	29.801	ng/ul	98
19) Hexachloroethane	8.581	117	245897	32.443	ng/ul	96
22) Nitrobenzene	8.704	77	638577	32.678	ng/ul	98
23) Isophorone	9.233	82	1181376	31.113	ng/ul	100
25) 2-Nitrophenol	9.410	139	298847	32.246	ng/ul	99
26) 2,4-Dimethylphenol	9.481	107	550061	31.714	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.716	93	741419	31.770	ng/ul	98
29) 2,4-Dichlorophenol	9.939	162	551060	32.145	ng/ul	98
30) Naphthalene	10.328	128	1692355	32.238	ng/ul	99
32) 4-Chloroaniline	10.451	127	319974	14.820	ng/ul	99
33) Hexachlorobutadiene	10.622	225	402924	32.918	ng/ul	98
34) Caprolactam	11.227	113	133353m	26.130	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	495597	30.919	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.951	142	1174454	31.265	ng/ul	99
37) 1-Methylnaphthalene	12.174	142	1168207	31.255	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.327	216	729889	34.090	ng/ul	98
40) Hexachlorocyclopentadiene	12.310	237	373096	29.044	ng/ul	99
41) 2,4,6-Trichlorophenol	12.580	196	440702	33.460	ng/ul	98
42) 2,4,5-Trichlorophenol	12.651	196	467765	33.136	ng/ul	98
43) 1,1'-Biphenyl	12.986	154	1526727	33.712	ng/ul	98
44) 2-Chloronaphthalene	13.021	162	1231448	34.001	ng/ul	99
45) 2-Nitroaniline	13.239	65	332628	34.806	ng/ul	99
47) Dimethylphthalate	13.633	163	1446642	31.765	ng/ul	99
48) 2,6-Dinitrotoluene	13.745	165	278973	32.834	ng/ul	97
50) Acenaphthylene	13.874	152	1775794	32.958	ng/ul	100
51) 3-Nitroaniline	14.074	138	241803	29.006	ng/ul	99
52) Acenaphthene	14.221	153	1278584	33.213	ng/ul	99
53) 2,4-Dinitrophenol	14.280	184	139051	26.131	ng/ul	95
55) 4-Nitrophenol	14.398	109	167528	29.799	ng/ul	97
56) Dibenzofuran	14.563	168	1786410	32.678	ng/ul	98
57) 2,4-Dinitrotoluene	14.539	165	403901	32.035	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.798	232	370969	31.109	ng/ul	98
59) Diethylphthalate	15.010	149	1402118	31.591	ng/ul	99
61) Fluorene	15.215	166	1481813	33.176	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.215	204	798125	32.788	ng/ul	97
63) 4-Nitroaniline	15.245	138	259927	34.655	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.304	198	245288	30.100	ng/ul	95
67) N-Nitrosodiphenylamine	15.433	169	1171739	33.676	ng/ul	100
68) 4-Bromophenyl-phenylether	16.110	248	448937	33.667	ng/ul	98
69) Hexachlorobenzene	16.221	284	500569	32.277	ng/ul	98
70) Atrazine	16.398	200	406965	28.608	ng/ul	100
71) Pentachlorophenol	16.568	266	294573	28.671	ng/ul	97
72) Phenanthrene	16.951	178	2173104	33.332	ng/ul	100
74) Anthracene	17.045	178	2167624	33.125	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.945	216	695493	35.486	ng/uL	98
76) Pentachlorobenzene	14.480	250	643084	32.874	ng/uL	99
77) Carbazole	17.321	167	1872956	32.259	ng/ul	99
78) Di-n-butylphthalate	17.904	149	2356160	33.121	ng/ul	100
80) Fluoranthene	18.980	202	2505292	32.449	ng/ul	99
82) Pyrene	19.345	202	2646596	32.203	ng/ul	99
83) Butylbenzylphthalate	20.268	149	939517	32.290	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.056	252	597660	28.909	ng/ul	99
85) Benzo(a)anthracene	21.121	228	2507394	32.589	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	1424692	32.923	ng/ul	99
87) Chrysene	21.180	228	2331807	33.198	ng/ul	99
89) Di-n-octyl phthalate	22.139	149	2186908	29.246	ng/ul	100
90) Benzo(b)fluoranthene	23.044	252	2228492	32.436	ng/ul	99
91) Benzo(k)fluoranthene	23.109	252	2304487	33.641	ng/ul	100
93) Benzo(a)pyrene	23.791	252	2058197	33.166	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.003	276	2522441	35.434	ng/ul	99
95) Dibenzo(a,h)anthracene	27.056	278	2058033	35.495	ng/ul	99
96) Benzo(g,h,i)perylene	27.962	276	1922965	36.186	ng/ul	98

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

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