Quantitation Report (Qedit)

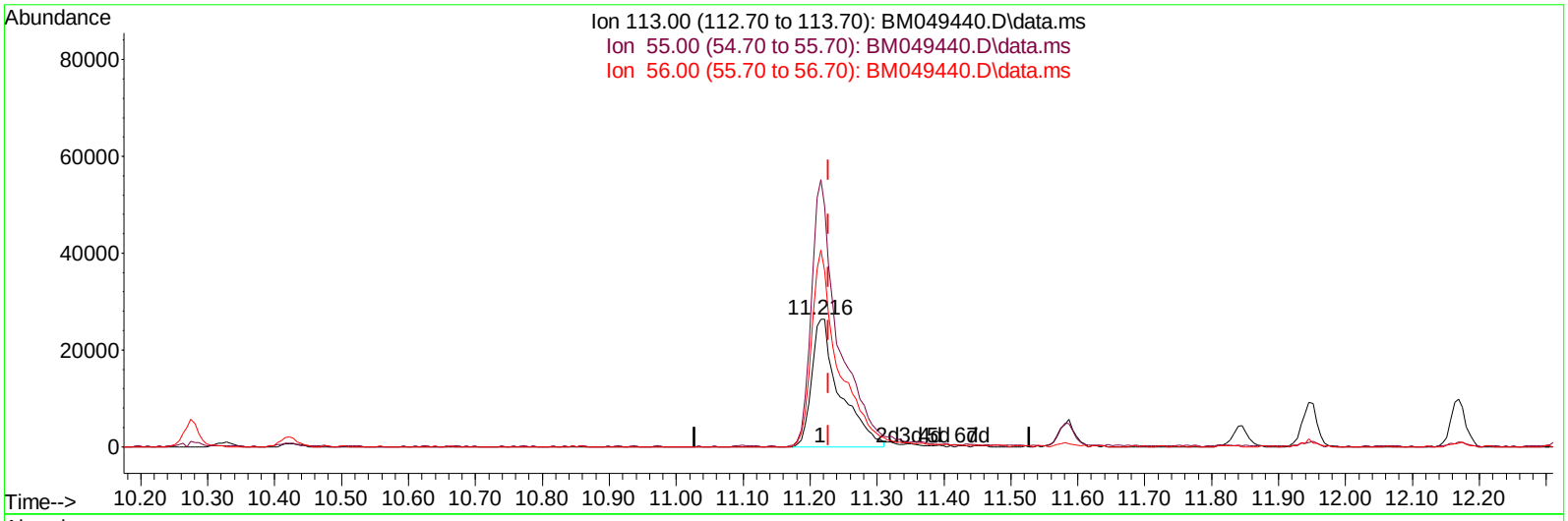
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
Data File : BM049440.D
Acq On : 24 Jan 2025 17:53
Operator : RC/JU
Sample : PB166118BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

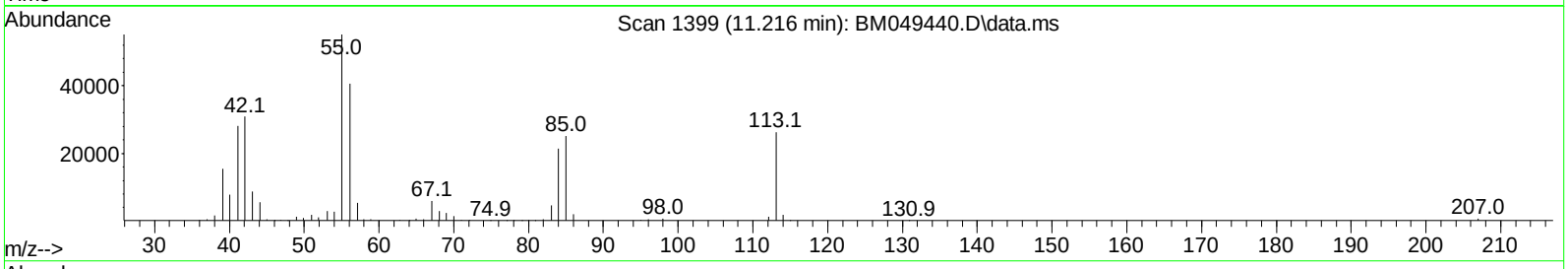
Quant Time: Jan 24 23:32:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

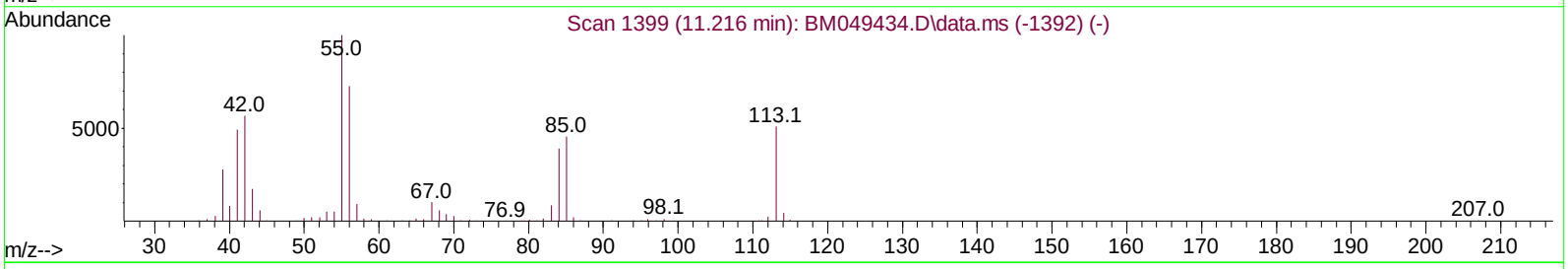
Instrument :
BNA_M
ClientSampleId :
SLCS118

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/27/2025
Supervised By :mohammad ahmed 01/27/2025







TIC: BM049440.D\data.ms

(34) Caprolactam

11.216min (-0.012) 24.43 ng/ul

response 77103

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	209.48
56.00	143.50	154.24
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : PB166118BS
Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration

Instrument :
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ClientSampleId :
SLCS118

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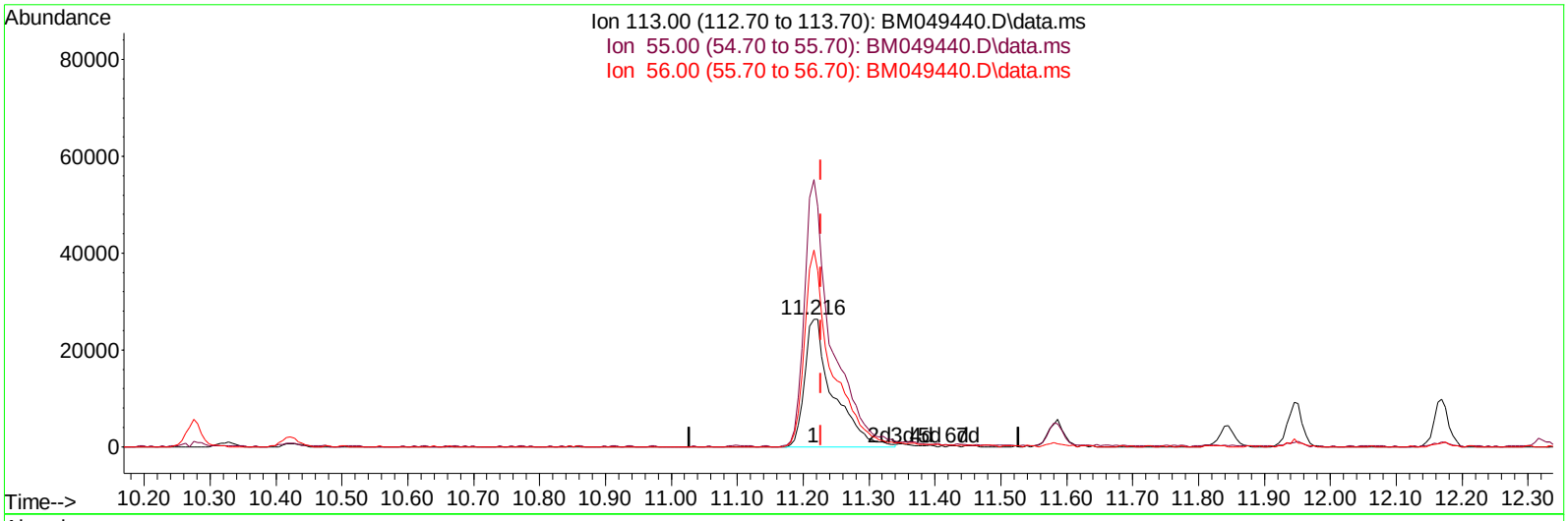

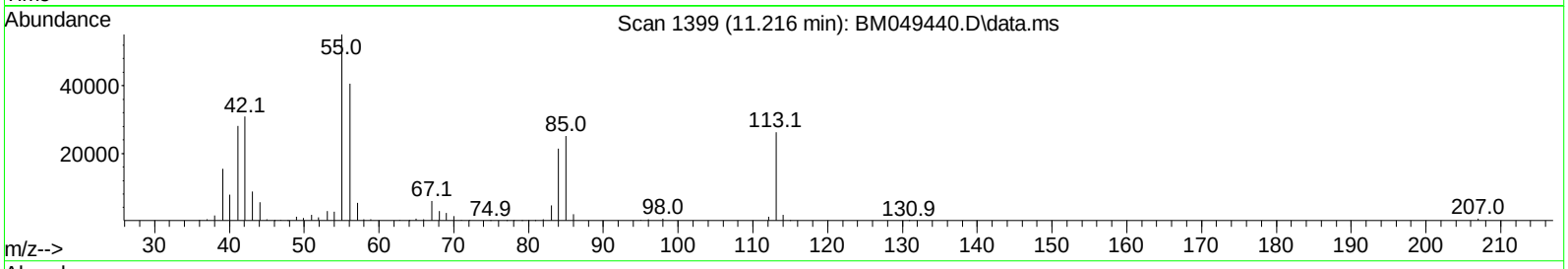

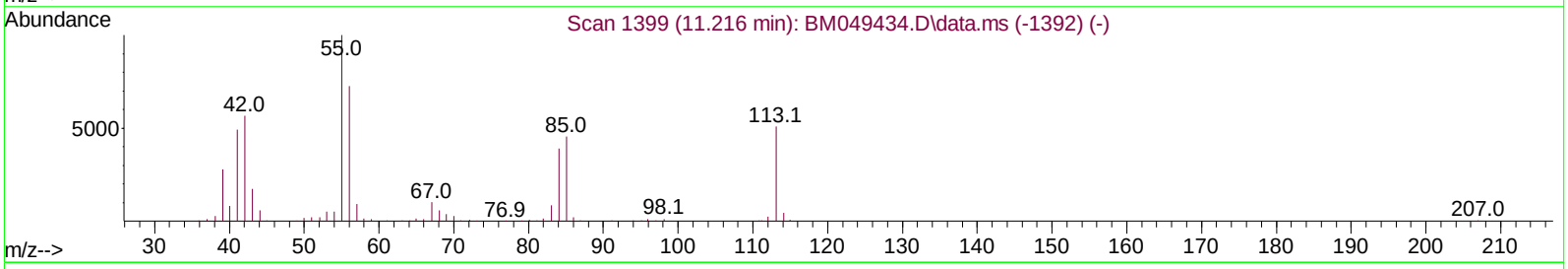

TIC: BM049440.D\data.ms

(34) Caprolactam

11.216min (-0.012) 24.83 ng/ul m

response 78356

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	193.90	209.48
56.00	143.50	154.24
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
Data File : BM049440.D
Acq On : 24 Jan 2025 17:53
Operator : RC/JU
Sample : PB166118BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 24 23:34:18 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 :
SLCS118

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 01/27/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	166054	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	611707	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.157	164	403039	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	821484	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	784350	20.000	ng/ul	0.00
88) Perylene-d12	23.915	264	758848	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	25040	6.239	ng/uL	0.00
4) Pyridine-d5	3.516	84	375682	29.404	ng/ul	0.00
7) Phenol-d5	6.710	99	401372	28.794	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	259427	27.950	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	314676	29.510	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	291833	26.998	ng/ul	-0.01
21) Nitrobenzene-d5	8.657	128	133180	28.551	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.375	143	150949	28.947	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.910	165	320086	30.081	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	316702	22.619	ng/ul	0.00
46) Dimethylphthalate-d6	13.580	166	849295	28.312	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	990212	28.915	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	135470	27.271	ng/ul	-0.01
60) Fluorene-d10	15.157	176	763351	29.457	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	142190	27.159	ng/ul	0.00
73) Anthracene-d10	17.004	188	1175798	28.954	ng/ul	-0.01
81) Pyrene-d10	19.310	212	1347115	28.221	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.727	264	1189797	29.207	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	53417	12.149	ng/uL	93
5) Pyridine	3.534	79	384845	29.797	ng/ul	96
6) Benzaldehyde	6.675	77	28545	3.798	ng/ul	96
8) Phenol	6.740	94	427163	29.474	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.957	93	323066	27.374	ng/ul	96
12) 2-Chlorophenol	7.087	128	325773	29.391	ng/ul	97
13) 2-Methylphenol	7.969	108	289987	27.386	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.034	45	518499	29.314	ng/ul	98
16) Acetophenone	8.328	105	461804	26.159	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.322	70	257975	27.054	ng/ul	96
18) 4-Methylphenol	8.293	108	312744	26.958	ng/ul	100
19) Hexachloroethane	8.575	117	135003	28.347	ng/ul	99
22) Nitrobenzene	8.698	77	355219	29.394	ng/ul	97
23) Isophorone	9.228	82	652116	27.772	ng/ul	99
25) 2-Nitrophenol	9.404	139	164511	28.704	ng/ul	98
26) 2,4-Dimethylphenol	9.481	107	312461	29.131	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.710	93	406461	28.164	ng/ul	99
29) 2,4-Dichlorophenol	9.934	162	322306	30.402	ng/ul	98
30) Naphthalene	10.328	128	910995	28.062	ng/ul	100
32) 4-Chloroaniline	10.445	127	174305	13.054	ng/ul	100
33) Hexachlorobutadiene	10.616	225	221455	29.256	ng/ul	99
34) Caprolactam	11.216	113	78356m	24.827	ng/ul	
35) 4-Chloro-3-methylphenol	11.581	107	285992	28.852	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.945	142	631820	27.198	ng/ul	100
37) 1-Methylnaphthalene	12.169	142	637669	27.588	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.322	216	403107	28.895	ng/ul	99
40) Hexachlorocyclopentadiene	12.304	237	215536	25.751	ng/ul	99
41) 2,4,6-Trichlorophenol	12.575	196	261480	30.468	ng/ul	98
42) 2,4,5-Trichlorophenol	12.645	196	282340	30.695	ng/ul	96
43) 1,1'-Biphenyl	12.981	154	851230	28.847	ng/ul	99
44) 2-Chloronaphthalene	13.016	162	689645	29.224	ng/ul	99
45) 2-Nitroaniline	13.233	65	185599	29.806	ng/ul	99
47) Dimethylphthalate	13.628	163	839110	28.277	ng/ul	99
48) 2,6-Dinitrotoluene	13.739	165	158830	28.689	ng/ul	97
50) Acenaphthylene	13.875	152	1010680	28.788	ng/ul	100
51) 3-Nitroaniline	14.069	138	127173	23.413	ng/ul	96
52) Acenaphthene	14.222	153	714990	28.504	ng/ul	100
53) 2,4-Dinitrophenol	14.280	184	88933	25.649	ng/ul	96
55) 4-Nitrophenol	14.398	109	101270	27.646	ng/ul	98
56) Dibenzofuran	14.557	168	1044700	29.328	ng/ul	100
57) 2,4-Dinitrotoluene	14.533	165	240746	29.304	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.792	232	232554	29.929	ng/ul#	96
59) Diethylphthalate	15.004	149	820973	28.388	ng/ul	99
61) Fluorene	15.210	166	868110	29.829	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.216	204	467401	29.469	ng/ul	96
63) 4-Nitroaniline	15.239	138	160673	32.876	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.298	198	157883	27.658	ng/ul	98
67) N-Nitrosodiphenylamine	15.427	169	707639	29.032	ng/ul	99
68) 4-Bromophenyl-phenylether	16.110	248	268118	28.704	ng/ul	99
69) Hexachlorobenzene	16.216	284	310831	28.611	ng/ul	99
70) Atrazine	16.392	200	252464	25.335	ng/ul	98
71) Pentachlorophenol	16.563	266	191551	26.615	ng/ul	97
72) Phenanthrene	16.951	178	1321894	28.945	ng/ul	99
74) Anthracene	17.039	178	1334254	29.107	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.939	216	396878	28.908	ng/uL	99
76) Pentachlorobenzene	14.480	250	380087	27.736	ng/uL	99
77) Carbazole	17.316	167	1159508	28.510	ng/ul	99
78) Di-n-butylphthalate	17.898	149	1373898	27.570	ng/ul	99
80) Fluoranthene	18.974	202	1533781	27.963	ng/ul	99
82) Pyrene	19.339	202	1640875	28.103	ng/ul	99
83) Butylbenzylphthalate	20.268	149	565796	27.371	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.056	252	346869	23.616	ng/ul	100
85) Benzo(a)anthracene	21.121	228	1557631	28.496	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.074	149	836154	27.198	ng/ul	100
87) Chrysene	21.180	228	1450693	29.071	ng/ul	99
89) Di-n-octyl phthalate	22.133	149	1310169	23.700	ng/ul	100
90) Benzo(b)fluoranthene	23.045	252	1421675	27.990	ng/ul	99
91) Benzo(k)fluoranthene	23.103	252	1448624	28.605	ng/ul	100
93) Benzo(a)pyrene	23.786	252	1320810	28.789	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.997	276	1700630	32.314	ng/ul	99
95) Dibenzo(a,h)anthracene	27.050	278	1395987	32.568	ng/ul	99
96) Benzo(g,h,i)perylene	27.956	276	1321584	33.640	ng/ul	99

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

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