Quantitation Report (Qedit)

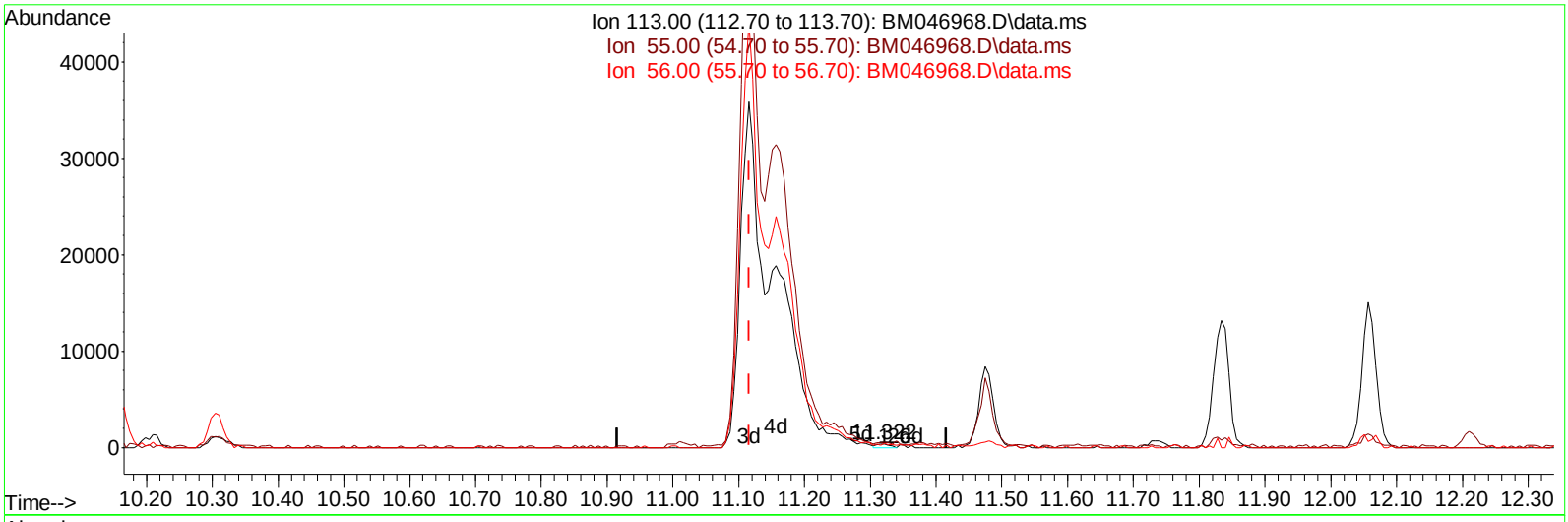
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080324\
Data File : BM046968.D
Acq On : 03 Aug 2024 16:49
Operator : MA/JU
Sample : PB162235BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

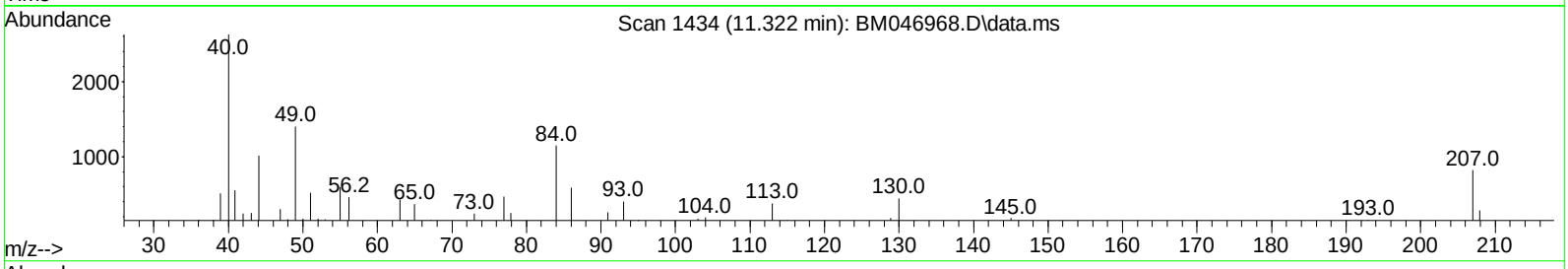
Quant Time: Aug 05 00:56:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 03 02:51:11 2024
Response via : Initial Calibration

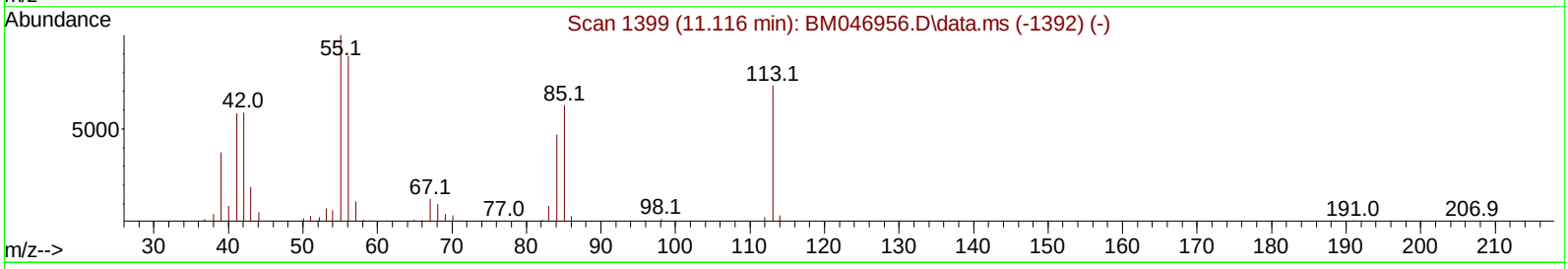
Instrument :
BNA_M
ClientSampleId :
SLCS235

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/05/2024







TIC: BM046968.D\data.ms

(34) Caprolactam

11.322min (+ 0.206) 0.13 ng/ul

response 512

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	156.61
56.00	118.20	122.49
0.00	0.00	0.00

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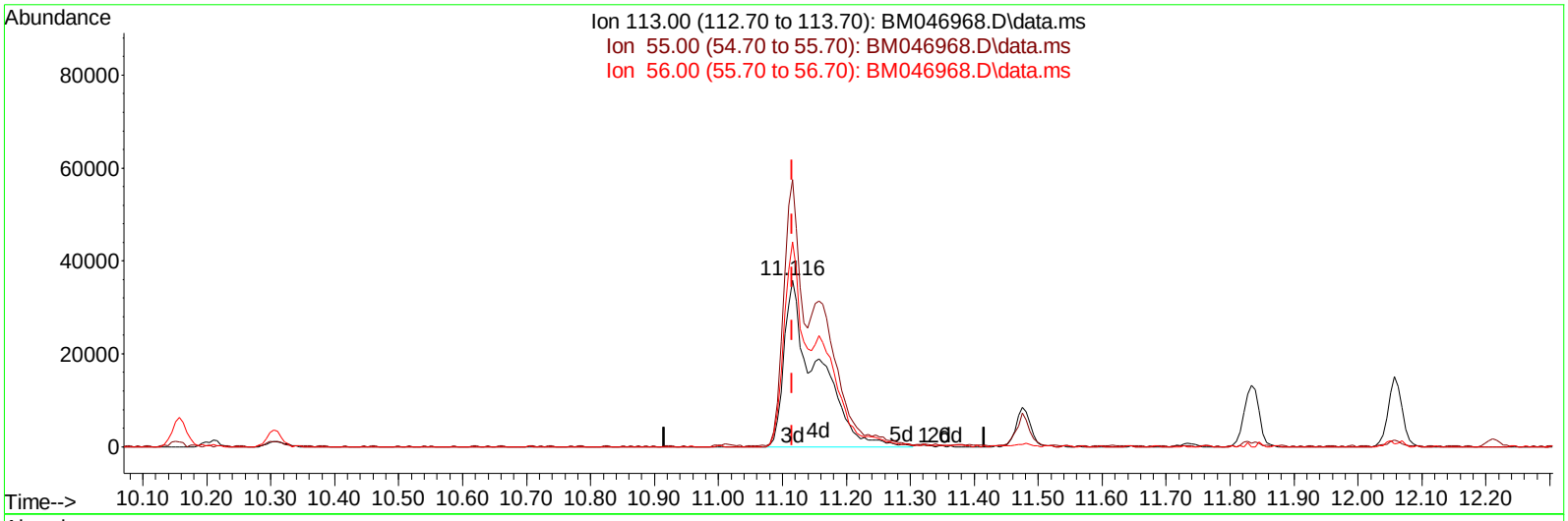

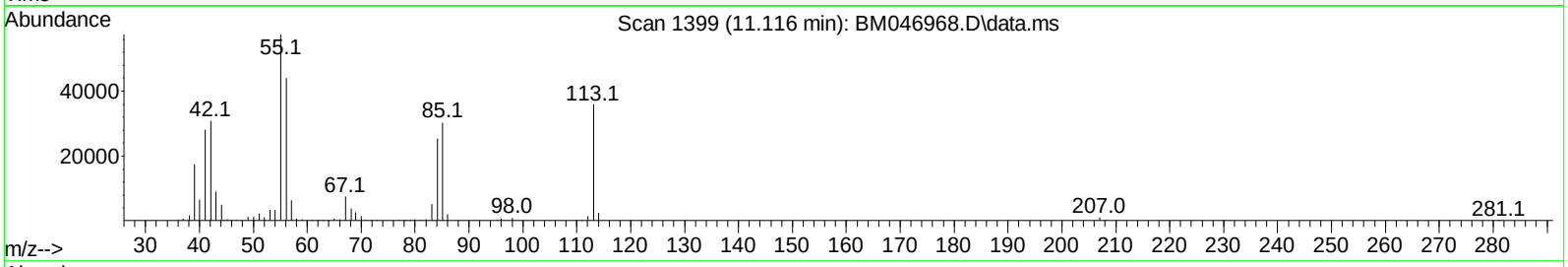

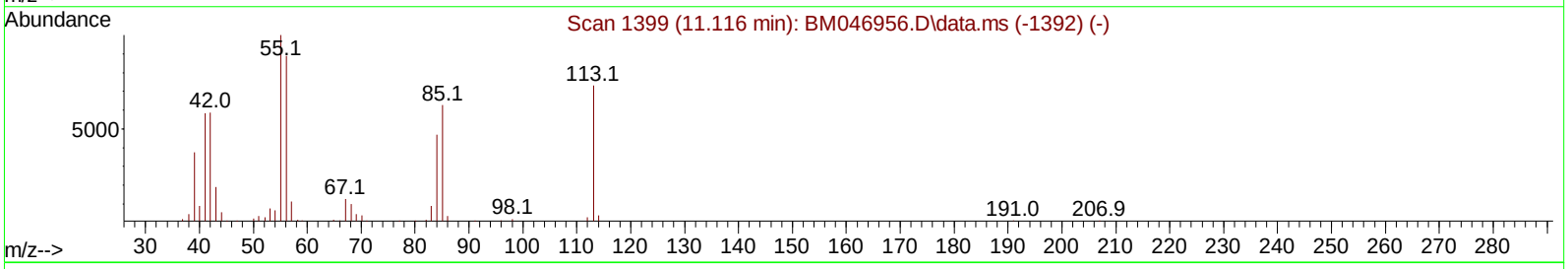

TIC: BM046968.D\data.ms

(34) Caprolactam

11.116min (+ 0.000) 32.11 ng/ul m

response 129195

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	132.90	160.10#
56.00	118.20	122.76
0.00	0.00	0.00

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Sample : PB162235BS
Misc :
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Quant Time: Aug 05 01:24:21 2024
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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	7.398	152	194136	20.000	ng/ul	0.00
20) Naphthalene-d8	10.157	136	791827	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.057	164	531197	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.821	188	1149899	20.000	ng/ul	0.00
79) Chrysene-d12	21.056	240	994548	20.000	ng/ul	0.00
88) Perylene-d12	23.768	264	1161670	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	26291	5.365	ng/uL	0.00
4) Pyridine-d5	3.410	84	361027	27.010	ng/ul	0.00
7) Phenol-d5	6.604	99	473617	32.115	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.757	67	295336	30.436	ng/ul	0.00
11) 2-Chlorophenol-d4	6.946	132	382491	30.618	ng/ul	0.00
15) 4-Methylphenol-d8	8.122	113	372740	31.905	ng/ul	0.00
21) Nitrobenzene-d5	8.545	128	192335	30.270	ng/ul	0.00
24) 2-Nitrophenol-d4	9.257	143	215960	31.123	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.792	165	409033	30.703	ng/ul	0.00
31) 4-Chloroaniline-d4	10.304	131	504826	28.833	ng/ul	0.00
46) Dimethylphthalate-d6	13.486	166	1239780	30.524	ng/ul	0.00
49) Acenaphthylene-d8	13.745	160	1366562	30.142	ng/ul	0.00
54) 4-Nitrophenol-d4	14.298	143	242349	30.860	ng/ul	0.00
60) Fluorene-d10	15.063	176	1018179	29.305	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.204	200	222205	30.586	ng/ul	0.00
73) Anthracene-d10	16.915	188	1577108	28.931	ng/ul	0.00
81) Pyrene-d10	19.233	212	1849596	32.487	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.592	264	1871834	30.601	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.052	88	52827	9.688	ng/uL	99
5) Pyridine	3.428	79	357559	27.020	ng/ul	93
6) Benzaldehyde	6.563	77	285611	33.717	ng/ul	98
8) Phenol	6.634	94	460857	31.030	ng/ul	93
10) Bis(2-Chloroethyl)ether	6.846	93	379767	30.000	ng/ul	96
12) 2-Chlorophenol	6.975	128	376157	29.722	ng/ul	98
13) 2-Methylphenol	7.857	108	347715	30.734	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	7.928	45	481433	31.737	ng/ul	99
16) Acetophenone	8.216	105	547891	29.796	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.210	70	296251	30.552	ng/ul	96
18) 4-Methylphenol	8.187	108	379902	31.078	ng/ul	97
19) Hexachloroethane	8.457	117	171866	27.878	ng/ul	93
22) Nitrobenzene	8.587	77	465895	27.444	ng/ul	96
23) Isophorone	9.116	82	858447	29.554	ng/ul	98
25) 2-Nitrophenol	9.287	139	224073	29.520	ng/ul	96
26) 2,4-Dimethylphenol	9.369	107	346425	23.154	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.598	93	520132	29.047	ng/ul	99
29) 2,4-Dichlorophenol	9.822	162	385061	28.980	ng/ul	98
30) Naphthalene	10.210	128	1164179	27.769	ng/ul	100
32) 4-Chloroaniline	10.328	127	435334	25.604	ng/ul	100
33) Hexachlorobutadiene	10.498	225	242211	25.267	ng/ul	99
34) Caprolactam	11.116	113	129195m	32.108	ng/ul	
35) 4-Chloro-3-methylphenol	11.475	107	414751	30.271	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.833	142	837807	28.620	ng/ul	100
37) 1-Methylnaphthalene	12.057	142	844654	28.503	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.216	216	461516	27.703	ng/ul	96
40) Hexachlorocyclopentadiene	12.192	237	226531	20.642	ng/ul	97
41) 2,4,6-Trichlorophenol	12.469	196	303881	27.868	ng/ul	95
42) 2,4,5-Trichlorophenol	12.545	196	334798	28.437	ng/ul	99
43) 1,1'-Biphenyl	12.880	154	1122975	28.258	ng/ul	98
44) 2-Chloronaphthalene	12.916	162	895156	28.365	ng/ul	98
45) 2-Nitroaniline	13.133	65	289964	30.235	ng/ul	100
47) Dimethylphthalate	13.533	163	1191754	29.241	ng/ul	99
48) 2,6-Dinitrotoluene	13.651	165	247604	31.252	ng/ul	87
50) Acenaphthylene	13.775	152	1414583	29.544	ng/ul	100
51) 3-Nitroaniline	13.975	138	256722	31.817	ng/ul	99
52) Acenaphthene	14.122	153	946568	27.422	ng/ul	99
53) 2,4-Dinitrophenol	14.192	184	153770	27.507	ng/ul	95
55) 4-Nitrophenol	14.316	109	205282	25.828	ng/ul	88
56) Dibenzofuran	14.463	168	1351308	27.893	ng/ul	96
57) 2,4-Dinitrotoluene	14.445	165	367690	30.369	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.698	232	276312	26.400	ng/ul#	94
59) Diethylphthalate	14.922	149	1254120	28.605	ng/ul	99
61) Fluorene	15.116	166	1123945	28.128	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.121	204	529018	26.893	ng/ul	98
63) 4-Nitroaniline	15.151	138	275346	34.531	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.216	198	234713	29.526	ng/ul	97
67) N-Nitrosodiphenylamine	15.345	169	989199	29.023	ng/ul	98
68) 4-Bromophenyl-phenylether	16.021	248	358794	28.827	ng/ul	94
69) Hexachlorobenzene	16.127	284	422007	28.795	ng/ul	98
70) Atrazine	16.316	200	164328	12.288	ng/ul	98
71) Pentachlorophenol	16.474	266	244911	24.683	ng/ul	98
72) Phenanthrene	16.863	178	1836422	28.490	ng/ul	100
74) Anthracene	16.951	178	1796002	27.629	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.833	216	457212	27.635	ng/uL	98
76) Pentachlorobenzene	14.380	250	463850	27.085	ng/uL	99
77) Carbazole	17.233	167	1745787	28.969	ng/ul	99
78) Di-n-butylphthalate	17.821	149	2244512	29.289	ng/ul	99
80) Fluoranthene	18.892	202	2170439	31.899	ng/ul	100
82) Pyrene	19.262	202	2229859	30.757	ng/ul	99
83) Butylbenzylphthalate	20.198	149	1040273	32.829	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.980	252	737496	30.249	ng/ul	99
85) Benzo(a)anthracene	21.039	228	2174100	29.931	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	1491855	32.250	ng/ul	100
87) Chrysene	21.098	228	2011347	29.034	ng/ul	100
89) Di-n-octyl phthalate	22.045	149	2612557	31.879	ng/ul	100
90) Benzo(b)fluoranthene	22.921	252	2219331	30.885	ng/ul	100
91) Benzo(k)fluoranthene	22.980	252	2138283	30.112	ng/ul	99
93) Benzo(a)pyrene	23.644	252	1882961	28.127	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.791	276	2478257	28.894	ng/ul	100
95) Dibenzo(a,h)anthracene	26.838	278	1995506	28.965	ng/ul	99
96) Benzo(g,h,i)perylene	27.721	276	1972597	29.108	ng/ul	99

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

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