Quantitation Report (Qedit)

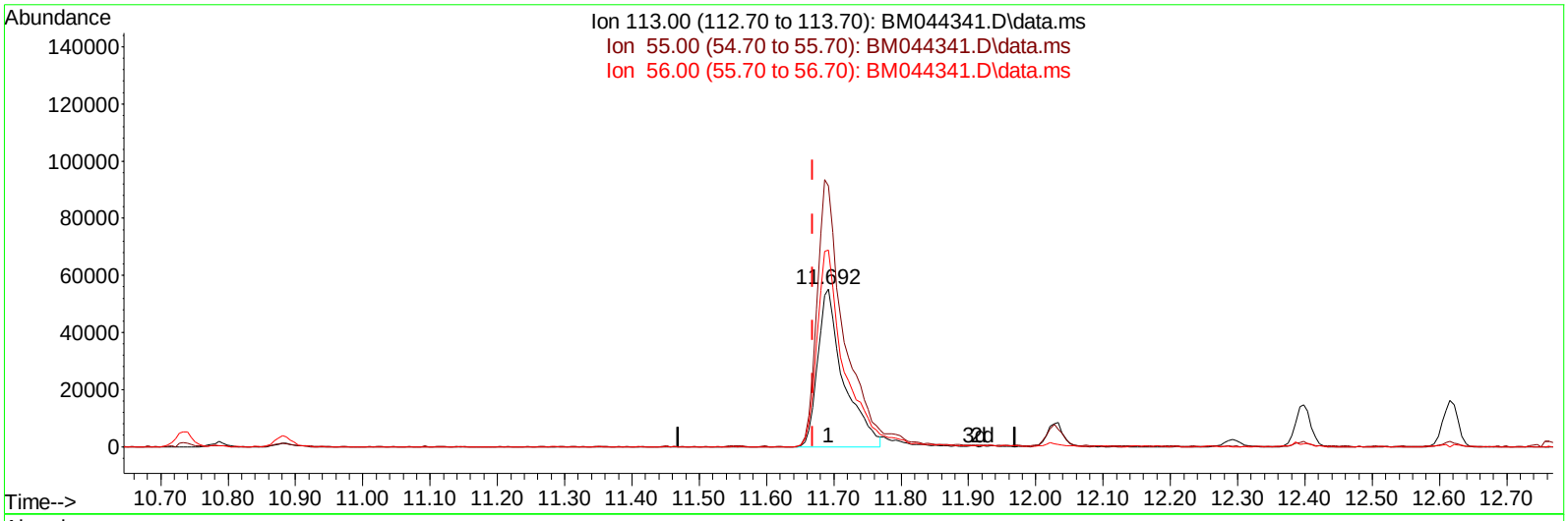
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
Data File : BM044341.D
Acq On : 26 Feb 2024 20:33
Operator : MA/JU
Sample : PB159023BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

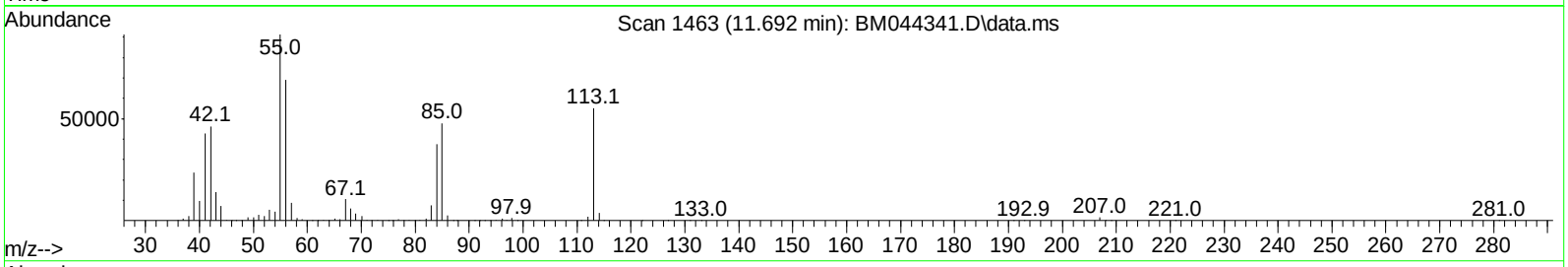
Quant Time: Feb 26 23:09:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Feb 25 22:57:38 2024
Response via : Initial Calibration

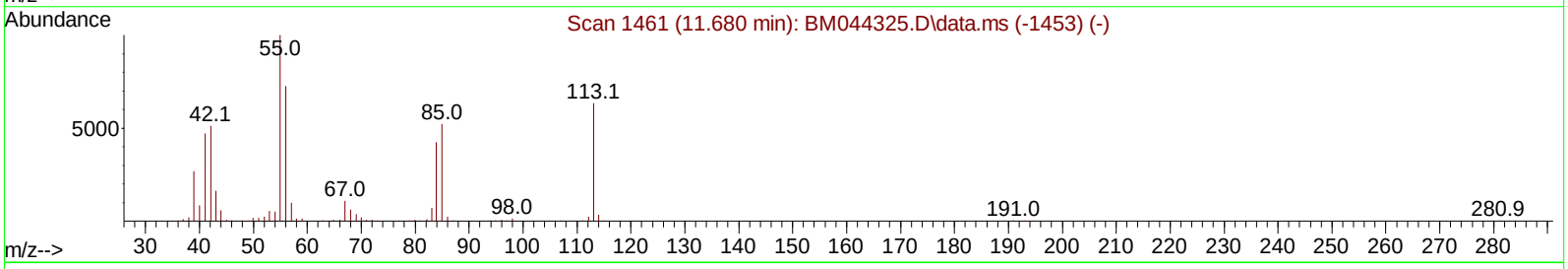
Instrument :
BNA_M
ClientSampleId :
SLCS023

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/27/2024
Supervised By :mohammad ahmed 02/29/2024







TIC: BM044341.D\data.ms

(34) Caprolactam

11.692min (+ 0.023) 35.20 ng/ul

response 146623

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	165.15
56.00	128.00	124.66
0.00	0.00	0.00

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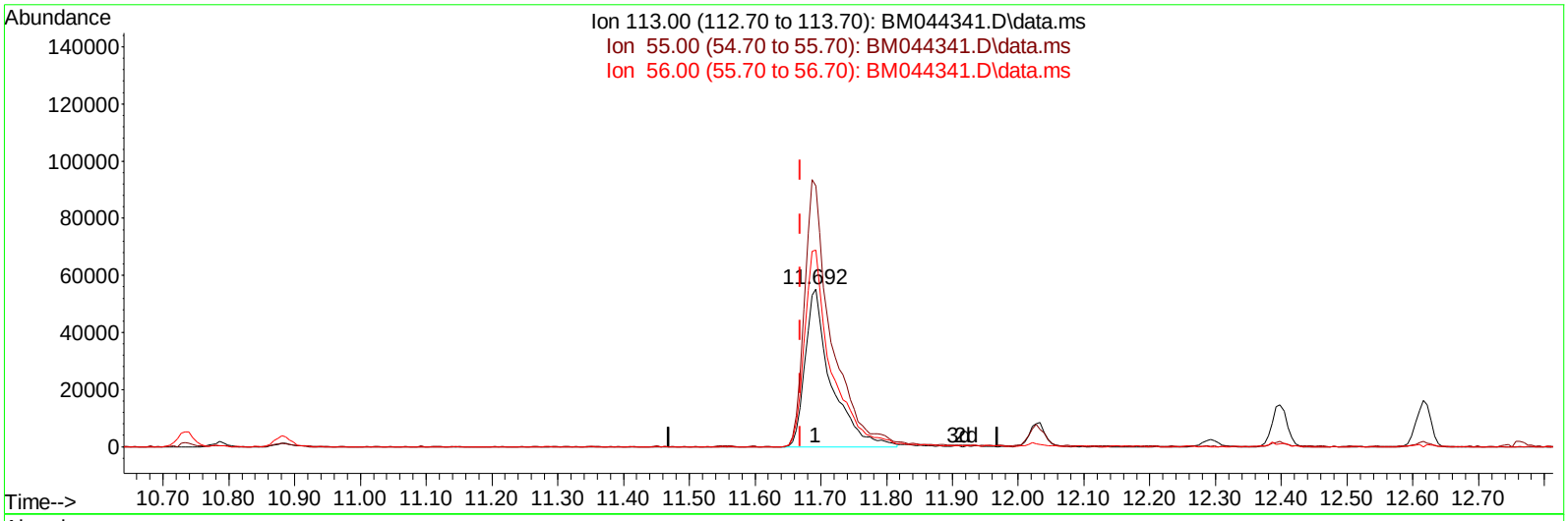

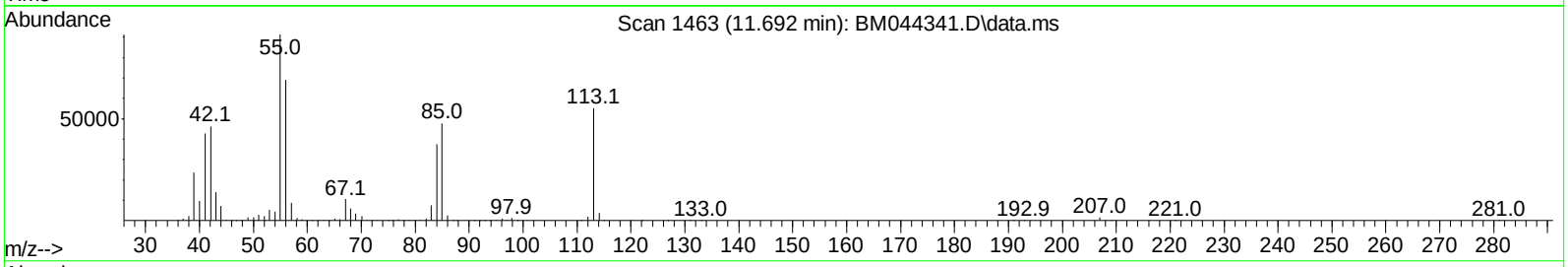

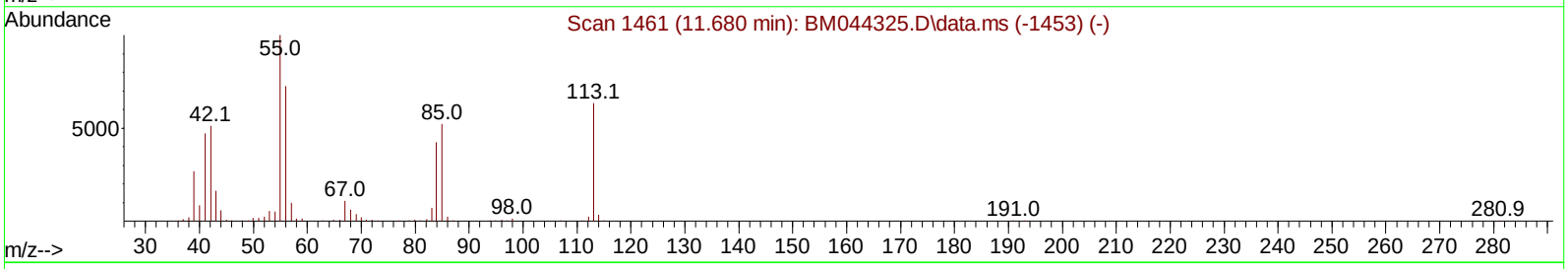

TIC: BM044341.D\data.ms

(34) Caprolactam

11.692min (+ 0.023) 36.55 ng/ul m

response 152257

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	165.15
56.00	128.00	124.66
0.00	0.00	0.00

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Misc :
ALS Vial : 18 Sample Multiplier: 1

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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	7.934	152	187445	20.000	ng/ul	0.02
20) Naphthalene-d8	10.733	136	813782	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.574	164	468721	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.321	188	950935	20.000	ng/ul	0.01
79) Chrysene-d12	21.527	240	822961	20.000	ng/ul	0.01
88) Perylene-d12	23.938	264	906074	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	38221	6.433	ng/uL	0.00
4) Pyridine-d5	3.775	84	530966	32.725	ng/ul	0.00
7) Phenol-d5	7.092	99	607503	33.832	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.275	67	389471	33.494	ng/ul	0.02
11) 2-Chlorophenol-d4	7.457	132	478315	35.368	ng/ul	0.02
15) 4-Methylphenol-d8	8.645	113	457199	33.650	ng/ul	0.02
21) Nitrobenzene-d5	9.104	128	232040	35.069	ng/ul	0.02
24) 2-Nitrophenol-d4	9.822	143	247052	36.597	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.357	165	434805	36.513	ng/ul	0.02
31) 4-Chloroaniline-d4	10.880	131	629089	31.455	ng/ul	0.02
46) Dimethylphthalate-d6	13.998	166	1251329	34.615	ng/ul	0.02
49) Acenaphthylene-d8	14.269	160	1477122	35.515	ng/ul	0.02
54) 4-Nitrophenol-d4	14.780	143	249909	34.741	ng/ul	0.02
60) Fluorene-d10	15.568	176	1072251	35.044	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.692	200	205088	34.758	ng/ul	0.01
73) Anthracene-d10	17.421	188	1592204	35.115	ng/ul	0.01
81) Pyrene-d10	19.721	212	1827206	36.905	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.780	264	1731230	37.288	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	82589	13.189	ng/uL	96
5) Pyridine	3.793	79	583385	34.369	ng/ul	98
6) Benzaldehyde	7.075	77	304110	39.016	ng/ul	99
8) Phenol	7.122	94	657177	35.209	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	543237	34.771	ng/ul	99
12) 2-Chlorophenol	7.487	128	509878	36.442	ng/ul	99
13) 2-Methylphenol	8.375	108	478683	34.810	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	723160	33.854	ng/ul	97
16) Acetophenone	8.763	105	780707	35.966	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.751	70	398609	36.658	ng/ul	97
18) 4-Methylphenol	8.710	108	513633	35.064	ng/ul	99
19) Hexachloroethane	9.004	117	210815	35.517	ng/ul	96
22) Nitrobenzene	9.145	77	573732	35.854	ng/ul	99
23) Isophorone	9.669	82	1117539	36.035	ng/ul	99
25) 2-Nitrophenol	9.851	139	280071	37.407	ng/ul	98
26) 2,4-Dimethylphenol	9.916	107	418966	29.306	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.163	93	720315	35.728	ng/ul	100
29) 2,4-Dichlorophenol	10.381	162	445278	36.947	ng/ul	100
30) Naphthalene	10.786	128	1636944	35.369	ng/ul	100
32) 4-Chloroaniline	10.904	127	516668	26.511	ng/ul	100
33) Hexachlorobutadiene	11.063	225	256116	35.274	ng/ul	98
34) Caprolactam	11.692	113	152257m	36.548	ng/ul	
35) 4-Chloro-3-methylphenol	12.027	107	490603	38.210	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.398	142	1060823	35.985	ng/ul	100
37) 1-Methylnaphthalene	12.616	142	1035739	35.541	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	493037	35.533	ng/ul	98
40) Hexachlorocyclopentadiene	12.733	237	271705	29.105	ng/ul	97
41) 2,4,6-Trichlorophenol	13.004	196	313710	35.470	ng/ul	98
42) 2,4,5-Trichlorophenol	13.074	196	343665	35.944	ng/ul	99
43) 1,1'-Biphenyl	13.410	154	1342009	35.169	ng/ul	98
44) 2-Chloronaphthalene	13.451	162	1066958	35.709	ng/ul	99
45) 2-Nitroaniline	13.663	65	319366	38.606	ng/ul	98
47) Dimethylphthalate	14.045	163	1331954	36.051	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	265775	38.465	ng/ul	98
50) Acenaphthylene	14.298	152	1768937	35.907	ng/ul	100
51) 3-Nitroaniline	14.492	138	291710	40.019	ng/ul	97
52) Acenaphthene	14.639	153	1152736	35.444	ng/ul	100
53) 2,4-Dinitrophenol	14.698	184	144634	33.734	ng/ul	98
55) 4-Nitrophenol	14.792	109	179387	36.301	ng/ul	98
56) Dibenzofuran	14.974	168	1554786	35.612	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	387344	39.021	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.198	232	265788	34.542	ng/ul	97
59) Diethylphthalate	15.410	149	1396239	36.713	ng/ul	99
61) Fluorene	15.621	166	1269570	36.205	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.621	204	600393	36.330	ng/ul	97
63) 4-Nitroaniline	15.657	138	312404	44.311	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.710	198	230518	35.714	ng/ul#	99
67) N-Nitrosodiphenylamine	15.839	169	1072572	37.219	ng/ul	99
68) 4-Bromophenyl-phenylether	16.521	248	337716	35.744	ng/ul	96
69) Hexachlorobenzene	16.615	284	395112	36.537	ng/ul	99
70) Atrazine	16.798	200	200157	21.203	ng/ul	99
71) Pentachlorophenol	16.968	266	220408	30.928	ng/ul	98
72) Phenanthrene	17.368	178	2001961	36.698	ng/ul	99
74) Anthracene	17.457	178	2006014	36.523	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	491989	36.960	ng/uL	99
76) Pentachlorobenzene	14.886	250	471854	37.132	ng/uL	98
77) Carbazole	17.733	167	1907747	36.939	ng/ul	99
78) Di-n-butylphthalate	18.309	149	2560830	39.162	ng/ul	100
80) Fluoranthene	19.386	202	2253608	37.953	ng/ul	99
82) Pyrene	19.750	202	2365090	37.980	ng/ul	100
83) Butylbenzylphthalate	20.668	149	1152408	41.201	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.450	252	694446	37.725	ng/ul	98
85) Benzo(a)anthracene	21.509	228	2321813	37.828	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.456	149	1786219	41.712	ng/ul	100
87) Chrysene	21.562	228	2168816	37.591	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	3090795	39.814	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	2279007	39.234	ng/ul	99
91) Benzo(k)fluoranthene	23.250	252	2274506	38.124	ng/ul	99
93) Benzo(a)pyrene	23.833	252	2144130	38.286	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.450	276	2557317	37.760	ng/ul	100
95) Dibenzo(a,h)anthracene	26.474	278	2146547	37.928	ng/ul	99
96) Benzo(g,h,i)perylene	27.221	276	2057480	37.557	ng/ul	99

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

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