Quantitation Report (Qedit)

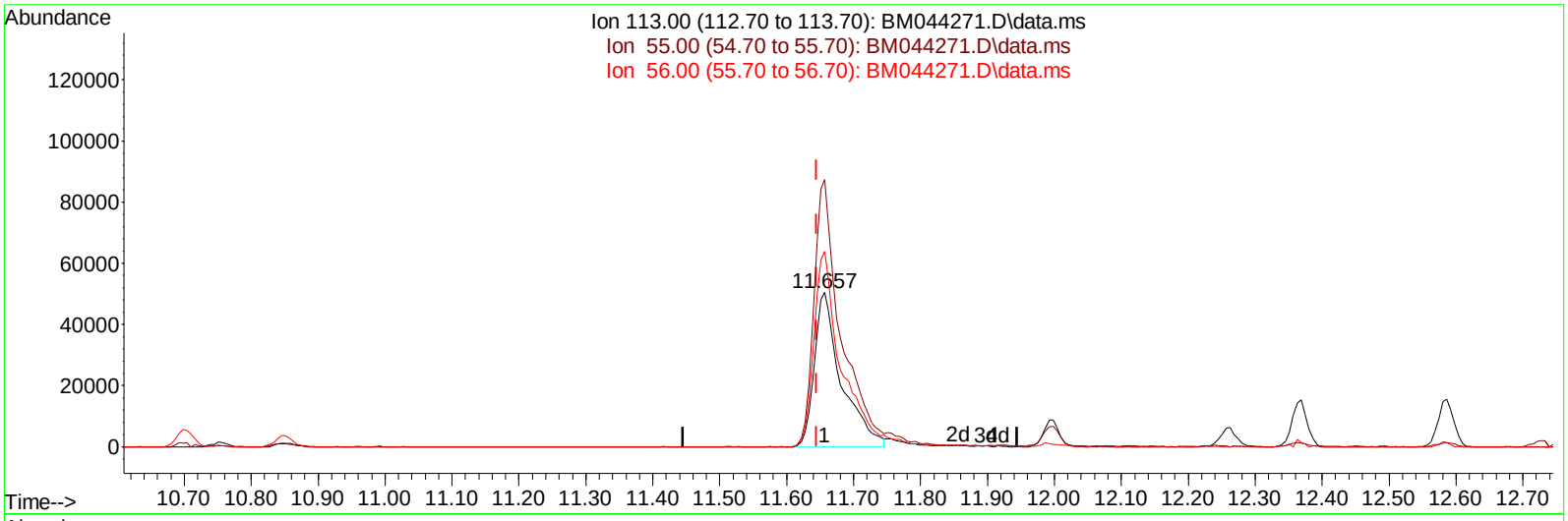
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
Data File : BM044271.D
Acq On : 23 Feb 2024 15:09
Operator : MA/JU
Sample : PB159158BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

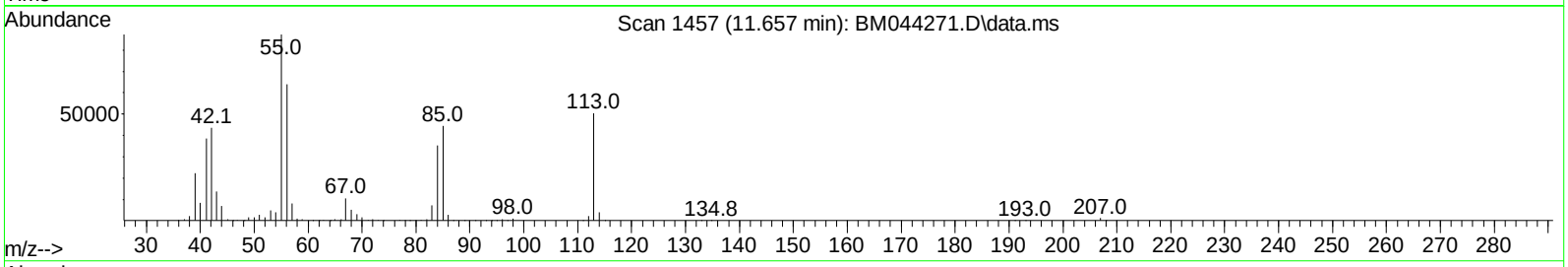
Quant Time: Feb 23 23:13:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 22:49:27 2024
Response via : Initial Calibration

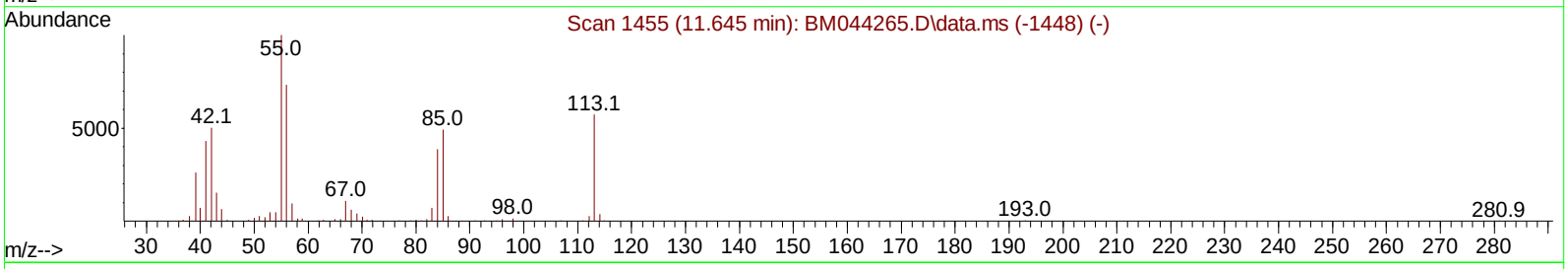
Instrument :
BNA_M
ClientSampleId :
SLCS158

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/26/2024
Supervised By :mohammad ahmed 02/26/2024







TIC: BM044271.D\data.ms

(34) Caprolactam

11.657min (+ 0.012) 31.87 ng/ul

response 141046

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	172.78
56.00	128.00	126.65
0.00	0.00	0.00

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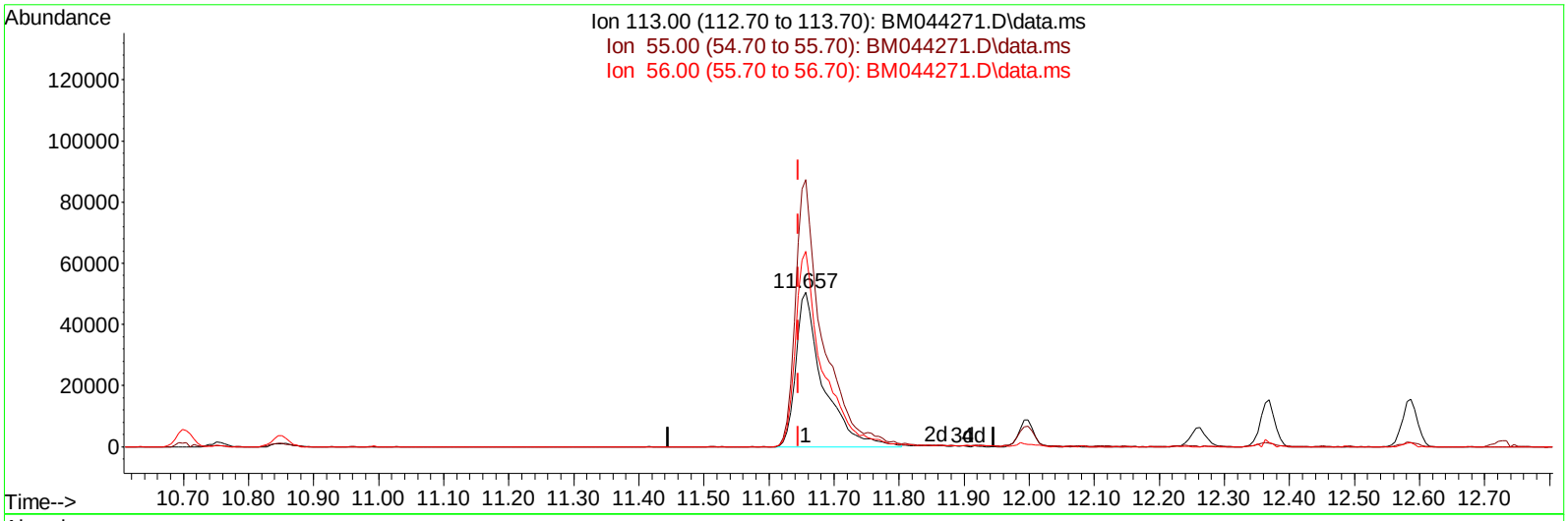

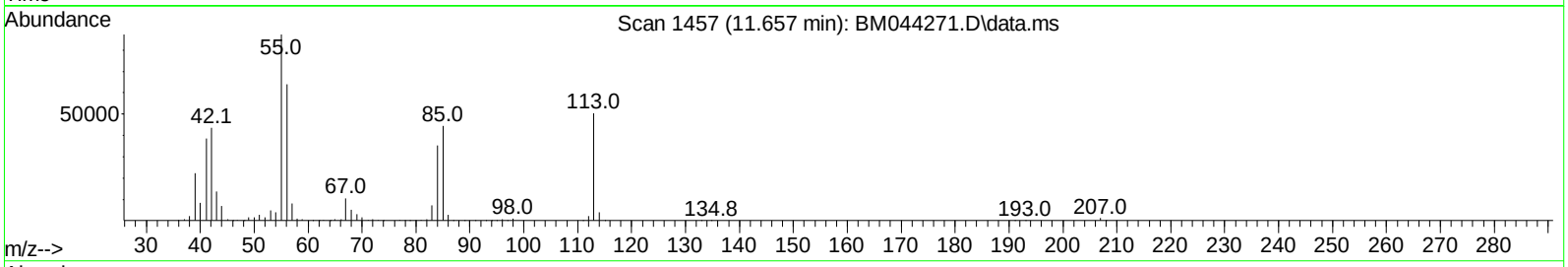

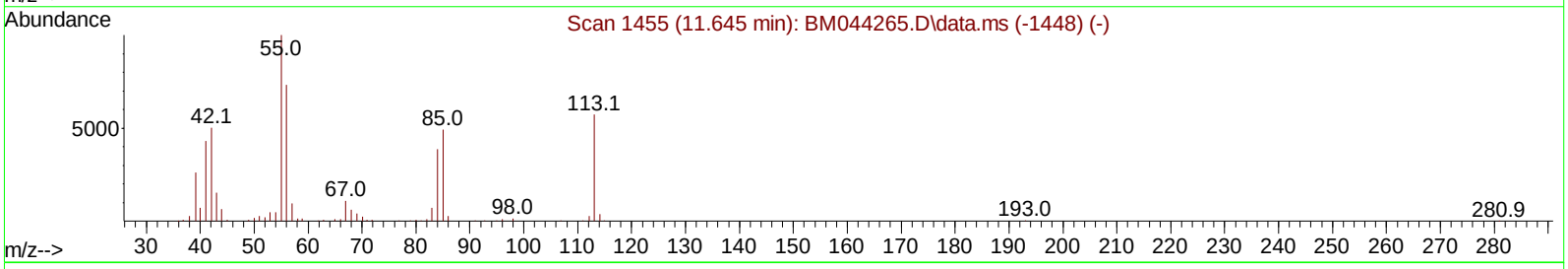

TIC: BM044271.D\data.ms

(34) Caprolactam

11.657min (+ 0.012) 33.04 ng/ul m

response 146246

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.90	172.78
56.00	128.00	126.65
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	206196	20.000	ng/ul	0.00
20) Naphthalene-d8	10.704	136	864595	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	479361	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	948846	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	876868	20.000	ng/ul	0.00
88) Perylene-d12	23.903	264	1006260	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	40743	6.234	ng/uL	0.00
4) Pyridine-d5	3.757	84	561674	31.470	ng/ul	0.00
7) Phenol-d5	7.063	99	625768	31.680	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.245	67	405165	31.675	ng/ul	0.00
11) 2-Chlorophenol-d4	7.428	132	496403	33.367	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	472254	31.597	ng/ul	0.01
21) Nitrobenzene-d5	9.069	128	240402	34.197	ng/ul	0.00
24) 2-Nitrophenol-d4	9.786	143	253882	35.398	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	440971	34.855	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	624510	29.391	ng/ul	0.00
46) Dimethylphthalate-d6	13.968	166	1259191	34.059	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	1491291	35.059	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	246284	33.478	ng/ul	0.00
60) Fluorene-d10	15.539	176	1064885	34.031	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.668	200	208417	35.400	ng/ul	0.00
73) Anthracene-d10	17.398	188	1577579	34.869	ng/ul	0.00
81) Pyrene-d10	19.697	212	1800490	34.130	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	1844355	35.770	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	87771	12.742	ng/uL	98
5) Pyridine	3.775	79	593569	31.789	ng/ul	97
6) Benzaldehyde	7.045	77	312903	36.493	ng/ul	99
8) Phenol	7.092	94	674657	32.858	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.334	93	562319	32.719	ng/ul	99
12) 2-Chlorophenol	7.463	128	527759	34.290	ng/ul	96
13) 2-Methylphenol	8.345	108	491329	32.481	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.433	45	747339	31.805	ng/ul	98
16) Acetophenone	8.733	105	786202	32.925	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.722	70	408095	34.117	ng/ul	97
18) 4-Methylphenol	8.675	108	531968	33.013	ng/ul	100
19) Hexachloroethane	8.969	117	220126	33.713	ng/ul	97
22) Nitrobenzene	9.116	77	580569	34.149	ng/ul	99
23) Isophorone	9.639	82	1133195	34.392	ng/ul	99
25) 2-Nitrophenol	9.822	139	284921	35.819	ng/ul	98
26) 2,4-Dimethylphenol	9.880	107	478775	31.522	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.127	93	728077	33.990	ng/ul	100
29) 2,4-Dichlorophenol	10.351	162	447278	34.932	ng/ul	99
30) Naphthalene	10.751	128	1657402	33.706	ng/ul	99
32) 4-Chloroaniline	10.874	127	527767	25.489	ng/ul	98
33) Hexachlorobutadiene	11.027	225	263357	34.140	ng/ul	99
34) Caprolactam	11.657	113	146246m	33.042	ng/ul	
35) 4-Chloro-3-methylphenol	11.998	107	486730	35.680	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.369	142	1066925	34.065	ng/ul	100
37) 1-Methylnaphthalene	12.586	142	1048710	33.871	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.727	216	495984	34.952	ng/ul	98
40) Hexachlorocyclopentadiene	12.704	237	302658	31.701	ng/ul	98
41) 2,4,6-Trichlorophenol	12.980	196	320673	35.452	ng/ul	99
42) 2,4,5-Trichlorophenol	13.045	196	344528	35.235	ng/ul	99
43) 1,1'-Biphenyl	13.380	154	1340165	34.341	ng/ul	99
44) 2-Chloronaphthalene	13.421	162	1052089	34.430	ng/ul	99
45) 2-Nitroaniline	13.639	65	314713	37.199	ng/ul	95
47) Dimethylphthalate	14.015	163	1315149	34.806	ng/ul	100
48) 2,6-Dinitrotoluene	14.139	165	260853	36.915	ng/ul	98
50) Acenaphthylene	14.268	152	1762414	34.980	ng/ul	100
51) 3-Nitroaniline	14.463	138	268159	35.971	ng/ul	99
52) Acenaphthene	14.610	153	1137599	34.202	ng/ul	99
53) 2,4-Dinitrophenol	14.668	184	143712	32.775	ng/ul	99
55) 4-Nitrophenol	14.768	109	170783	33.793	ng/ul	96
56) Dibenzofuran	14.945	168	1527801	34.217	ng/ul	100
57) 2,4-Dinitrotoluene	14.921	165	376272	37.064	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.168	232	270418	34.364	ng/ul	98
59) Diethylphthalate	15.386	149	1366367	35.130	ng/ul	100
61) Fluorene	15.598	166	1234892	34.435	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.598	204	588858	34.841	ng/ul	99
63) 4-Nitroaniline	15.627	138	296709	41.151	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.680	198	227924	35.390	ng/ul	95
67) N-Nitrosodiphenylamine	15.815	169	1037563	36.084	ng/ul	100
68) 4-Bromophenyl-phenylether	16.492	248	338625	35.919	ng/ul	99
69) Hexachlorobenzene	16.592	284	389416	36.090	ng/ul	98
70) Atrazine	16.774	200	230600	24.482	ng/ul	99
71) Pentachlorophenol	16.939	266	232338	32.674	ng/ul	100
72) Phenanthrene	17.345	178	1909547	35.081	ng/ul	100
74) Anthracene	17.433	178	1929095	35.200	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.339	216	488004	36.742	ng/uL	99
76) Pentachlorobenzene	14.857	250	459596	36.247	ng/uL	96
77) Carbazole	17.709	167	1811731	35.157	ng/ul	100
78) Di-n-butylphthalate	18.286	149	2471187	37.874	ng/ul	100
80) Fluoranthene	19.362	202	2168743	34.278	ng/ul	99
82) Pyrene	19.727	202	2275665	34.297	ng/ul	100
83) Butylbenzylphthalate	20.650	149	1139722	38.243	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.427	252	733954	37.421	ng/ul	99
85) Benzo(a)anthracene	21.486	228	2327956	35.597	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	1782103	39.057	ng/ul	99
87) Chrysene	21.539	228	2171909	35.331	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	3129834	36.303	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	2357328	36.542	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	2335246	35.245	ng/ul	99
93) Benzo(a)pyrene	23.797	252	2250364	36.182	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.397	276	2723996	36.217	ng/ul	99
95) Dibenzo(a,h)anthracene	26.421	278	2309286	36.741	ng/ul	99
96) Benzo(g,h,i)perylene	27.156	276	2191237	36.016	ng/ul	97

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

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