Quantitation Report (Qedit)

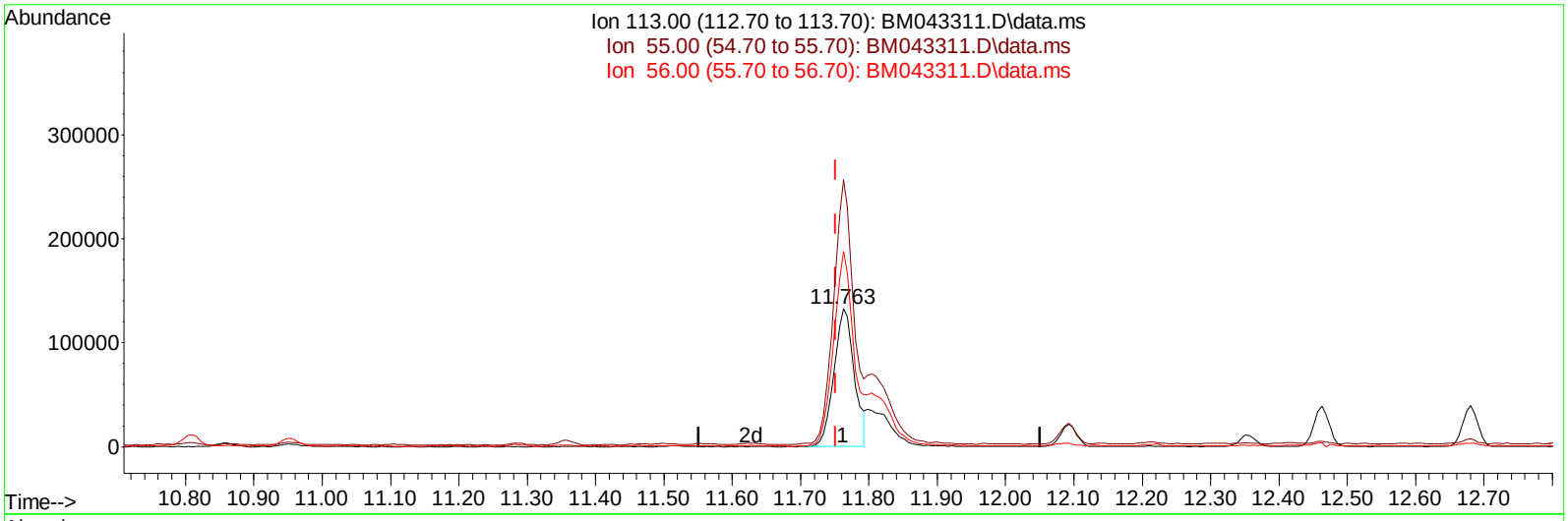
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121323\
Data File : BM043311.D
Acq On : 13 Dec 2023 21:01
Operator : MA/JU
Sample : 05690-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

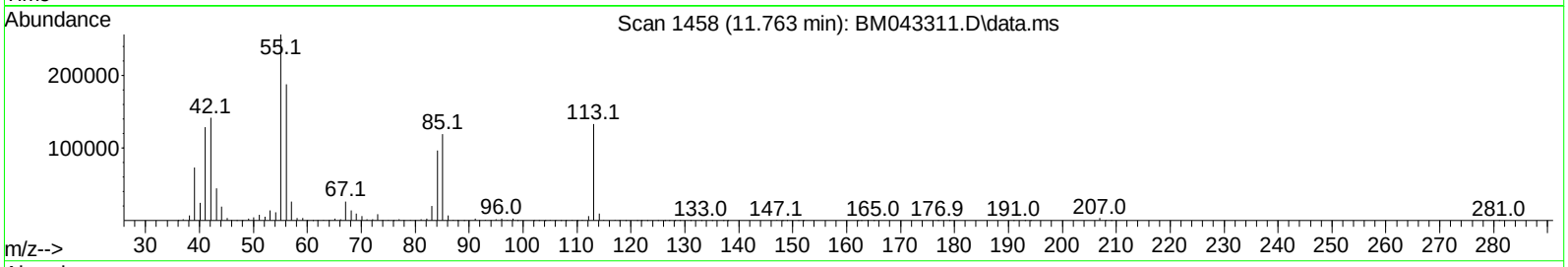
Quant Time: Dec 13 22:34:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 22:33:14 2023
Response via : Initial Calibration

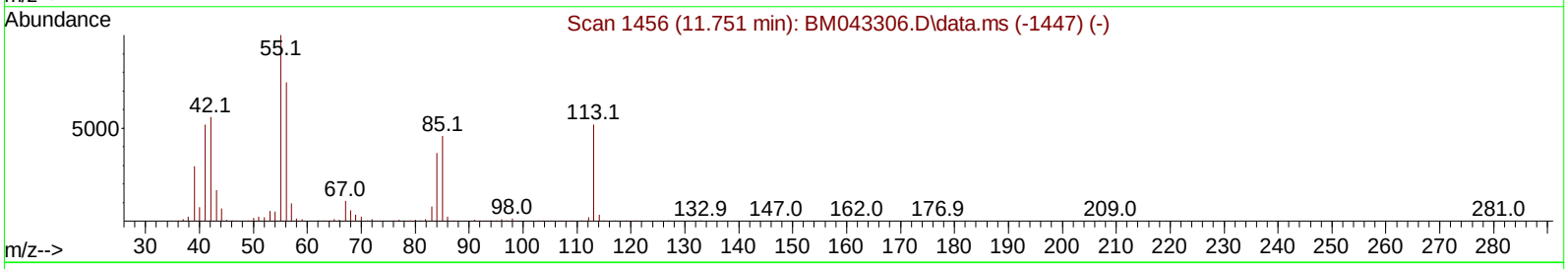
Instrument :
BNA_M
ClientSampleId :
DCLH7MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/14/2023
Supervised By :mohammad ahmed 12/15/2023







TIC: BM043311.D\data.ms

(34) Caprolactam

11.763min (+ 0.012) 34.11 ng/ul

response 273563

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	193.07
56.00	129.40	141.55
0.00	0.00	0.00

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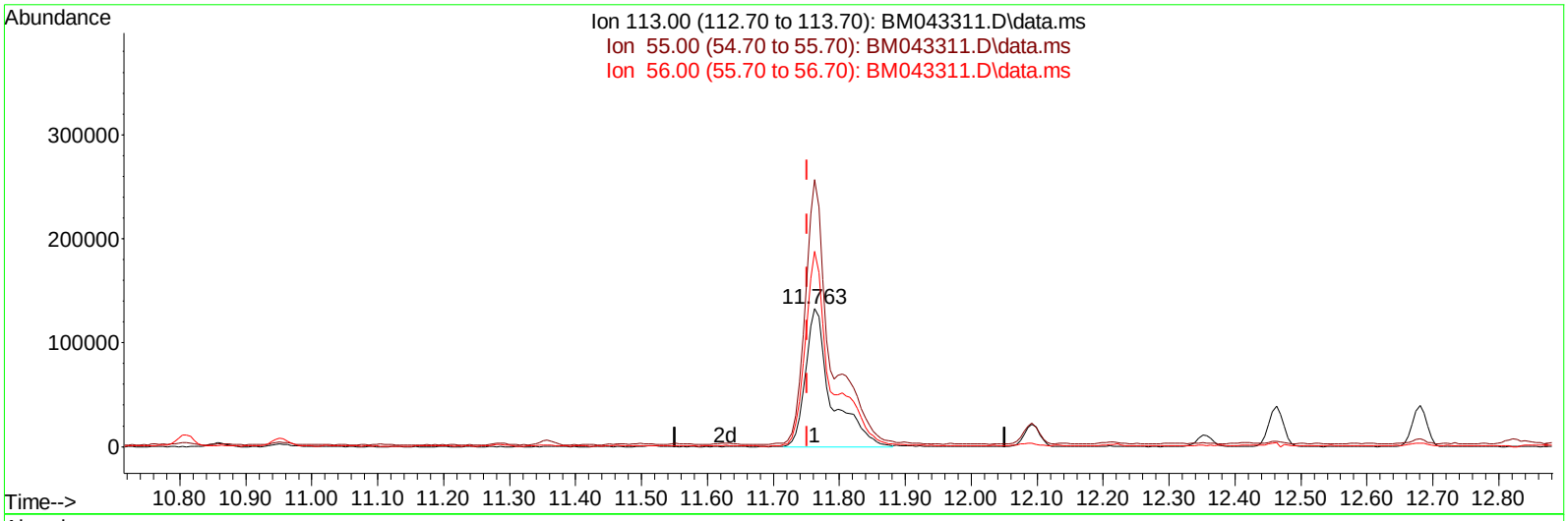

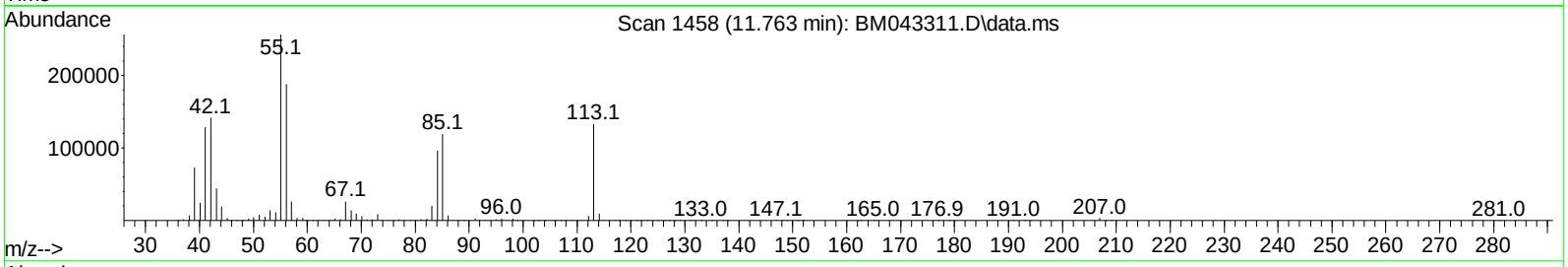

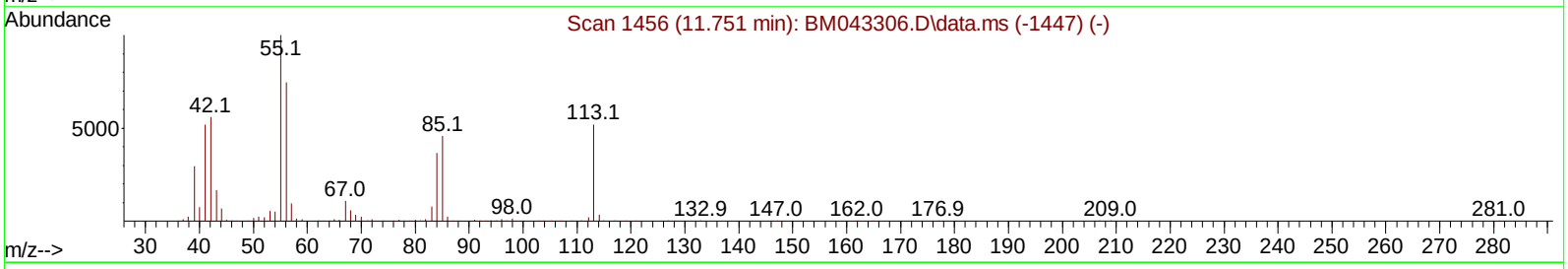

TIC: BM043311.D\data.ms

(34) Caprolactam

11.763min (+ 0.012) 45.41 ng/ul m

response 364228

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	193.07
56.00	129.40	141.55
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	7.998	152	336902	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	1517065	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	852941	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1606889	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.539	240	1078275	20.000	ng/ul	# 0.00
88) Perylene-d12	23.962	264	985345	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	52092	6.068	ng/uL	0.00
4) Pyridine-d5	3.816	84	630728	24.763	ng/ul	0.00
7) Phenol-d5	7.163	99	1246316	37.262	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.340	67	782154	37.775	ng/ul	0.00
11) 2-Chlorophenol-d4	7.528	132	956397	37.509	ng/ul	0.00
15) 4-Methylphenol-d8	8.716	113	970355	36.671	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	487682	37.715	ng/ul	0.00
24) 2-Nitrophenol-d4	9.892	143	515445	41.339	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.428	165	961510	34.597	ng/ul	0.00
31) 4-Chloroaniline-d4	10.951	131	1000167	25.011	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2682842	35.882	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	3205811	37.061	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	508722	37.971	ng/ul	0.00
60) Fluorene-d10	15.616	176	2315589	35.528	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	199936	22.607	ng/ul	0.00
73) Anthracene-d10	17.468	188	3356185	38.606	ng/ul	0.00
81) Pyrene-d10	19.751	212	3275048	47.469	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	2243092	39.013	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	120514	12.781	ng/uL	91
5) Pyridine	3.834	79	812821	31.050	ng/ul	100
6) Benzaldehyde	7.145	77	667127	38.753	ng/ul	98
8) Phenol	7.187	94	1371541	41.464	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.434	93	1062778	39.848	ng/ul	100
12) 2-Chlorophenol	7.563	128	1037540	40.109	ng/ul	99
13) 2-Methylphenol	8.445	108	994396	38.876	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.528	45	1830696	41.285	ng/ul	99
16) Acetophenone	8.834	105	1753295	41.225	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.822	70	874641	37.520	ng/ul	99
18) 4-Methylphenol	8.781	108	1094197	39.426	ng/ul	98
19) Hexachloroethane	9.075	117	439959	40.125	ng/ul	84
22) Nitrobenzene	9.216	77	1281013	41.204	ng/ul	98
23) Isophorone	9.739	82	2482799	37.479	ng/ul	98
25) 2-Nitrophenol	9.922	139	581815	42.575	ng/ul	95
26) 2,4-Dimethylphenol	9.981	107	816281	30.466	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.228	93	1479735	37.992	ng/ul	99
29) 2,4-Dichlorophenol	10.457	162	980789	36.360	ng/ul	97
30) Naphthalene	10.857	128	3780075	40.595	ng/ul	99
32) 4-Chloroaniline	10.975	127	939174	24.899	ng/ul	99
33) Hexachlorobutadiene	11.128	225	512426	30.487	ng/ul	99
34) Caprolactam	11.763	113	364228m	45.412	ng/ul	
35) 4-Chloro-3-methylphenol	12.092	107	1127668	39.812	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.463	142	2543007	37.959	ng/ul	100
37) 1-Methylnaphthalene	12.680	142	2483867	36.528	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.822	216	1016234	35.216	ng/ul#	97
40) Hexachlorocyclopentadiene	12.792	237	311350	19.015	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	721914	40.203	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	788081	40.324	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	3100425	41.091	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2343694	40.071	ng/ul	97
45) 2-Nitroaniline	13.722	65	798384	51.656	ng/ul	95
47) Dimethylphthalate	14.092	163	2812676	38.355	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	584695	43.275	ng/ul	92
50) Acenaphthylene	14.351	152	4078580	41.718	ng/ul	99
51) 3-Nitroaniline	14.545	138	599451	39.992	ng/ul	93
52) Acenaphthene	14.692	153	3305665	51.261	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	133281	21.488	ng/ul#	83
55) 4-Nitrophenol	14.845	109	450626	46.516	ng/ul	93
56) Dibenzofuran	15.027	168	3907884	44.363	ng/ul	94
57) 2,4-Dinitrotoluene	14.998	165	848862	44.002	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.245	232	589794	36.306	ng/ul#	84
59) Diethylphthalate	15.451	149	3072001	41.647	ng/ul	97
61) Fluorene	15.674	166	3634062	47.657	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1322501	35.105	ng/ul#	90
63) 4-Nitroaniline	15.704	138	685482	45.515	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	235521	24.355	ng/ul#	86
67) N-Nitrosodiphenylamine	15.886	169	2389342	44.340	ng/ul	100
68) 4-Bromophenyl-phenylether	16.563	248	760367	39.131	ng/ul	93
69) Hexachlorobenzene	16.662	284	872587	37.846	ng/ul#	89
70) Atrazine	16.839	200	540410	35.562	ng/ul	96
71) Pentachlorophenol	17.010	266	466280	34.346	ng/ul	98
72) Phenanthrene	17.415	178	7881122	78.652	ng/ul	99
74) Anthracene	17.504	178	9605027	95.159	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.427	216	1028409	40.454	ng/uL	99
76) Pentachlorobenzene	14.939	250	1013460	39.229	ng/uL	99
77) Carbazole	17.774	167	4442115	53.576	ng/ul	98
78) Di-n-butylphthalate	18.345	149	5476561	50.781	ng/ul	99
80) Fluoranthene	19.421	202	12841860	162.259	ng/ul#	88
82) Pyrene	19.786	202	12274538	149.093	ng/ul#	93
83) Butylbenzylphthalate	20.686	149	2222139	67.855	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.462	252	674666	26.327	ng/ul#	99
85) Benzo(a)anthracene	21.527	228	5200991	62.910	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.462	149	3248402	62.838	ng/ul	99
87) Chrysene	21.580	228	5375520	72.800	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	4920031	72.592	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	5034104	71.605	ng/ul#	95
91) Benzo(k)fluoranthene	23.274	252	3789980	54.127	ng/ul#	97
93) Benzo(a)pyrene	23.856	252	3549180	54.617	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.497	276	3895816	52.632	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.515	278	2857425	46.168	ng/ul#	95
96) Benzo(g,h,i)perylene	27.268	276	2922106	52.398	ng/ul#	92

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

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