Quantitation Report (Qedit)

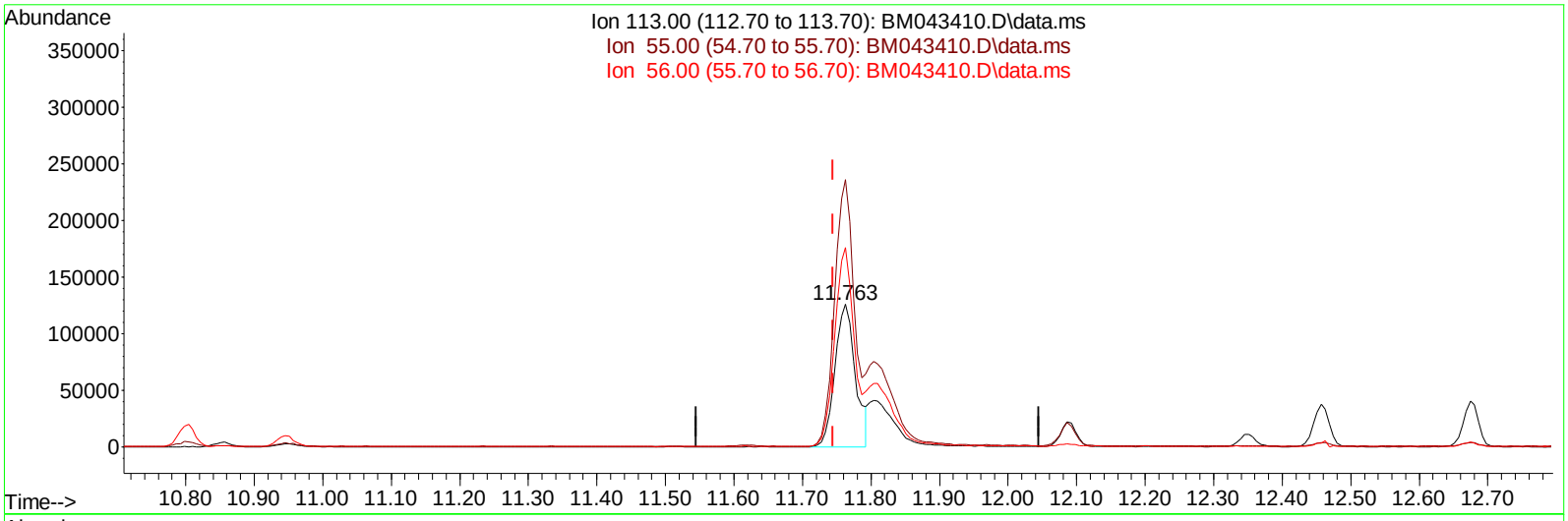
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043410.D
Acq On : 19 Dec 2023 01:22
Operator : MA/JU
Sample : PB157834BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

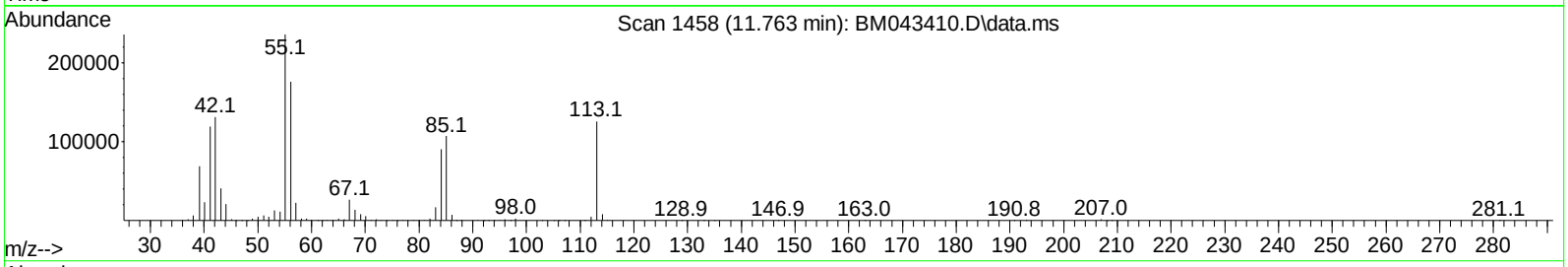
Quant Time: Dec 19 02:03:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

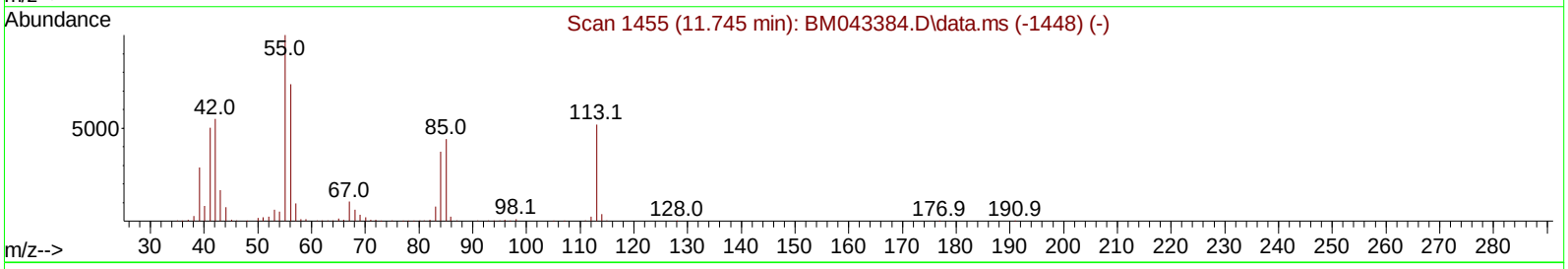
Instrument :
BNA_M
ClientSampleId :
SLCS834

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023







TIC: BM043410.D\data.ms

(34) Caprolactam

11.763min (+ 0.018) 18.40 ng/ul

response 260654

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	187.55
56.00	139.30	140.05
0.00	0.00	0.00

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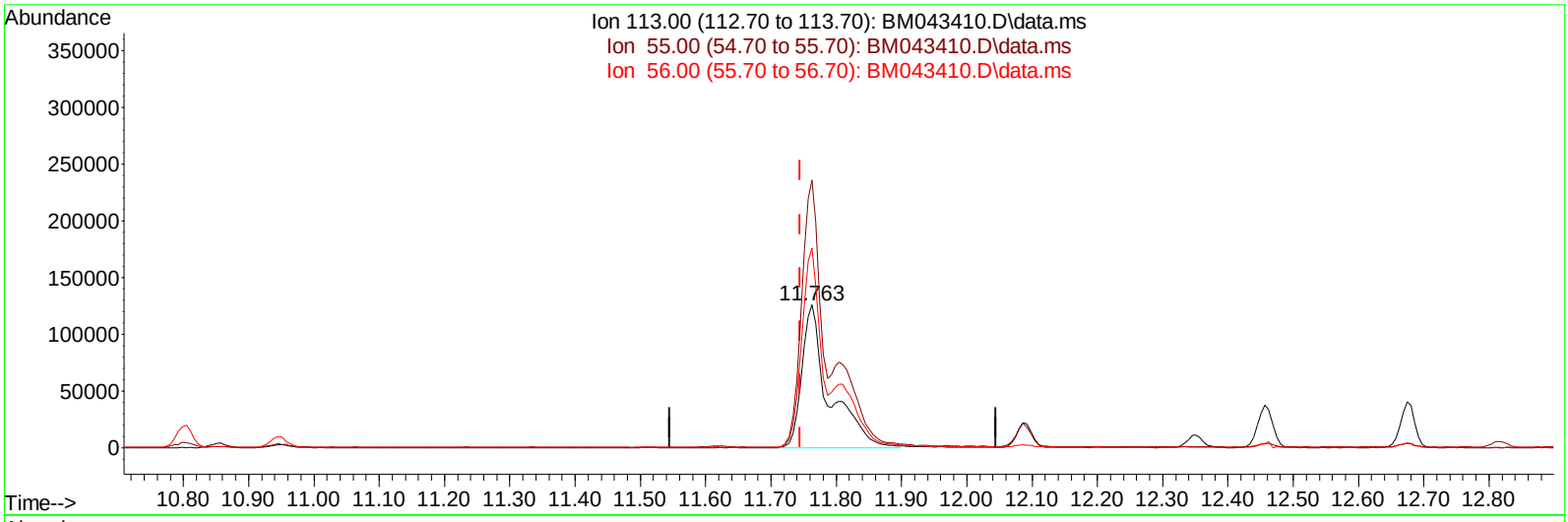

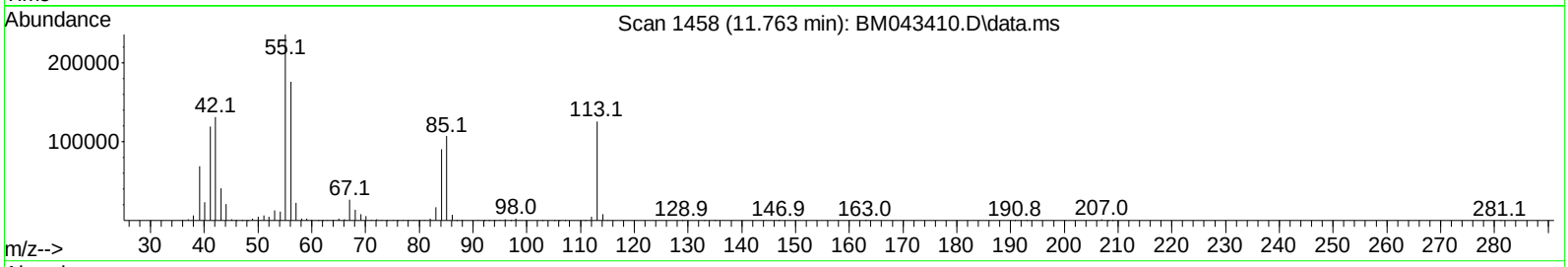

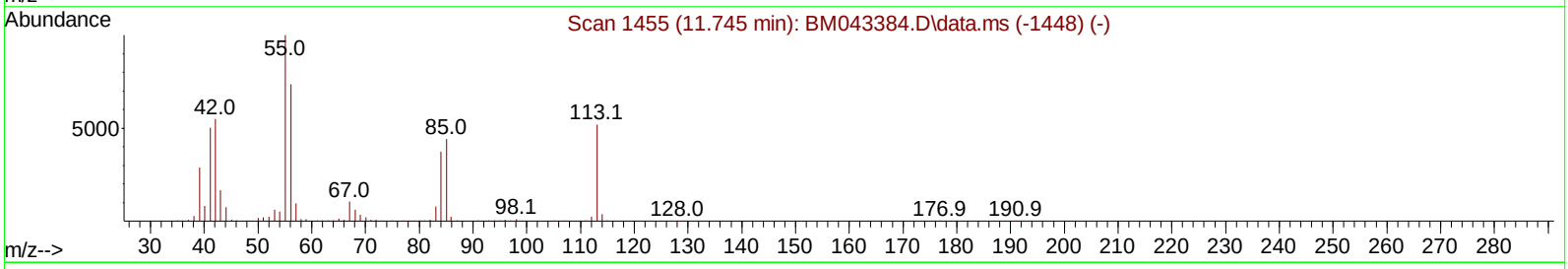

TIC: BM043410.D\data.ms

(34) Caprolactam

11.763min (+ 0.018) 25.80 ng/ul m

response 365362

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	187.55
56.00	139.30	140.05
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	7.993	152	581342	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2587904	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.621	164	1382919	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2302418	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	1443932	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1574703	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	70515	3.942	ng/uL	0.00
4) Pyridine-d5	3.805	84	1060763	20.605	ng/ul	0.00
7) Phenol-d5	7.157	99	1431534	21.646	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	885438	21.141	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	1079710	21.383	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	1104967	21.532	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	543166	21.693	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	578006	22.342	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	1022220	22.383	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	1434117	21.345	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2698754	21.678	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	3316635	22.458	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	501076	21.266	ng/ul	0.00
60) Fluorene-d10	15.616	176	2192457	21.298	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	340493	22.361	ng/ul	0.00
73) Anthracene-d10	17.468	188	2853291	22.097	ng/ul	0.00
81) Pyrene-d10	19.751	212	2525898	22.157	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2187375	22.510	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	148441	7.511	ng/uL	96
5) Pyridine	3.828	79	1132258	21.268	ng/ul	99
6) Benzaldehyde	7.134	77	723404	23.070	ng/ul	99
8) Phenol	7.181	94	1495684	22.989	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.422	93	1194637	22.617	ng/ul	98
12) 2-Chlorophenol	7.551	128	1162114	22.593	ng/ul	99
13) 2-Methylphenol	8.440	108	1135501	22.985	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	2004711	22.602	ng/ul	99
16) Acetophenone	8.828	105	1750761	22.283	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	987408	21.056	ng/ul	97
18) 4-Methylphenol	8.775	108	1222794	22.838	ng/ul	99
19) Hexachloroethane	9.069	117	481494	22.200	ng/ul	96
22) Nitrobenzene	9.210	77	1410246	22.758	ng/ul	99
23) Isophorone	9.739	82	2724660	21.676	ng/ul	100
25) 2-Nitrophenol	9.916	139	638183	23.211	ng/ul	98
26) 2,4-Dimethylphenol	9.975	107	1109392	22.650	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.222	93	1636504	22.049	ng/ul	99
29) 2,4-Dichlorophenol	10.451	162	1028008	23.195	ng/ul	99
30) Naphthalene	10.851	128	3703329	22.453	ng/ul	100
32) 4-Chloroaniline	10.969	127	1186048	18.358	ng/ul	98
33) Hexachlorobutadiene	11.122	225	510318	22.583	ng/ul	98
34) Caprolactam	11.763	113	365362m	25.796	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	1171697	22.508	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	2491265	22.190	ng/ul	100
37) 1-Methylnaphthalene	12.675	142	2430722	21.465	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.816	216	997460	23.672	ng/ul	98
40) Hexachlorocyclopentadiene	12.786	237	416272	15.745	ng/ul	98
41) 2,4,6-Trichlorophenol	13.063	196	692849	23.133	ng/ul	99
42) 2,4,5-Trichlorophenol	13.133	196	746921	23.487	ng/ul	98
43) 1,1'-Biphenyl	13.463	154	3092606	23.460	ng/ul	100
44) 2-Chloronaphthalene	13.504	162	2371500	23.464	ng/ul	99
45) 2-Nitroaniline	13.716	65	811772	23.952	ng/ul	98
47) Dimethylphthalate	14.092	163	2849120	23.174	ng/ul	100
48) 2,6-Dinitrotoluene	14.216	165	573730	24.138	ng/ul	97
50) Acenaphthylene	14.351	152	3952866	23.309	ng/ul	99
51) 3-Nitroaniline	14.539	138	623268	22.842	ng/ul	96
52) Acenaphthene	14.686	153	2572091	23.012	ng/ul	98
53) 2,4-Dinitrophenol	14.745	184	260568	20.593	ng/ul	94
55) 4-Nitrophenol	14.845	109	406360	22.210	ng/ul	95
56) Dibenzofuran	15.021	168	3256921	22.563	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	787323	23.445	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.245	232	515255	21.147	ng/ul	99
59) Diethylphthalate	15.451	149	2956689	23.468	ng/ul	100
61) Fluorene	15.668	166	2780207	22.545	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1232709	22.725	ng/ul	99
63) 4-Nitroaniline	15.704	138	641058	25.667	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.757	198	383806	23.608	ng/ul	96
67) N-Nitrosodiphenylamine	15.880	169	2227300	25.185	ng/ul	99
68) 4-Bromophenyl-phenylether	16.563	248	679986	24.929	ng/ul	99
69) Hexachlorobenzene	16.663	284	755505	24.176	ng/ul	99
70) Atrazine	16.839	200	390016	20.120	ng/ul	98
71) Pentachlorophenol	17.010	266	394254	20.868	ng/ul	98
72) Phenanthrene	17.410	178	3687873	23.633	ng/ul	99
74) Anthracene	17.504	178	3703114	23.514	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.422	216	996139	26.345	ng/uL	99
76) Pentachlorobenzene	14.933	250	942408	25.596	ng/uL	98
77) Carbazole	17.774	167	3259894	24.253	ng/ul	100
78) Di-n-butylphthalate	18.339	149	4680709	26.637	ng/ul	100
80) Fluoranthene	19.421	202	3399974	24.084	ng/ul	97
82) Pyrene	19.780	202	3454486	23.803	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1739677	27.726	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.462	252	924938	26.009	ng/ul	99
85) Benzo(a)anthracene	21.527	228	2935856	24.315	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	2570845	28.779	ng/ul	99
87) Chrysene	21.580	228	2647830	24.377	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	4104485	27.248	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	2756519	22.843	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	2815471	23.922	ng/ul	99
93) Benzo(a)pyrene	23.862	252	2630360	23.891	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.497	276	3297110	25.081	ng/ul	98
95) Dibenzo(a,h)anthracene	26.521	278	2745099	25.218	ng/ul	100
96) Benzo(g,h,i)perylene	27.274	276	2604337	25.273	ng/ul	99

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

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