Quantitation Report (Qedit)

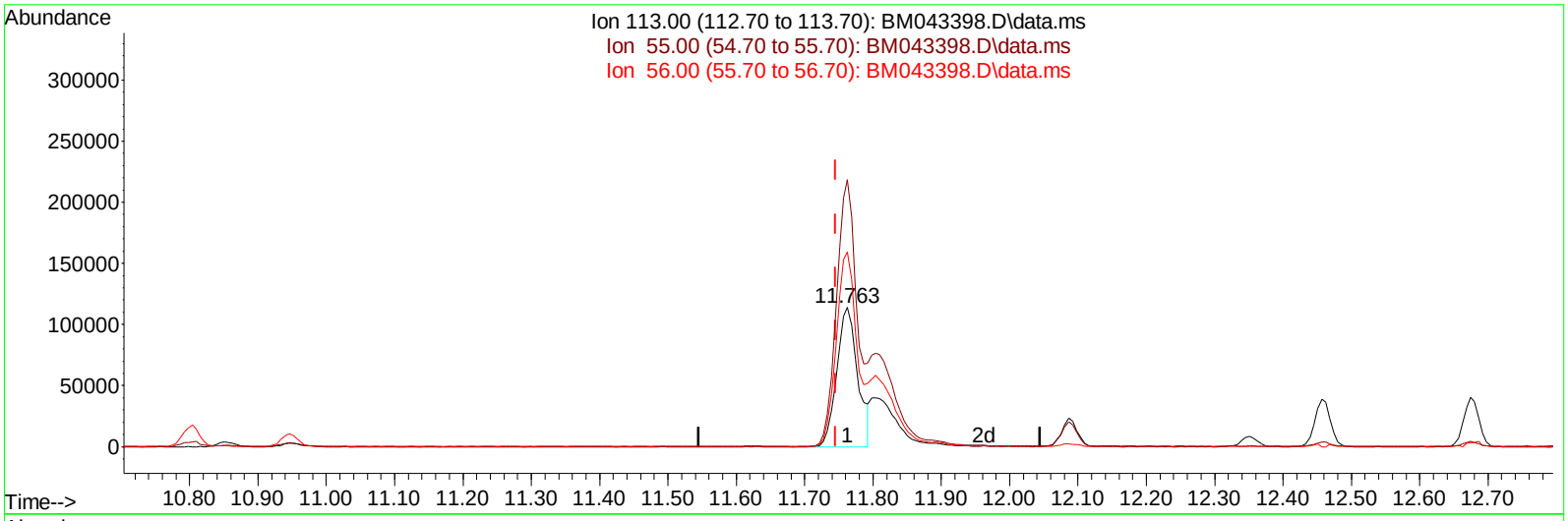
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043398.D
Acq On : 18 Dec 2023 18:08
Operator : MA/JU
Sample : PB157639BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

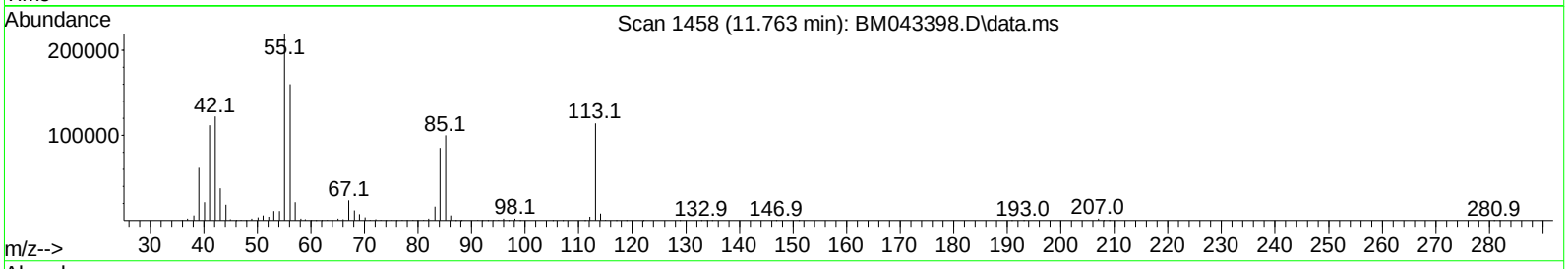
Quant Time: Dec 19 00:29:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

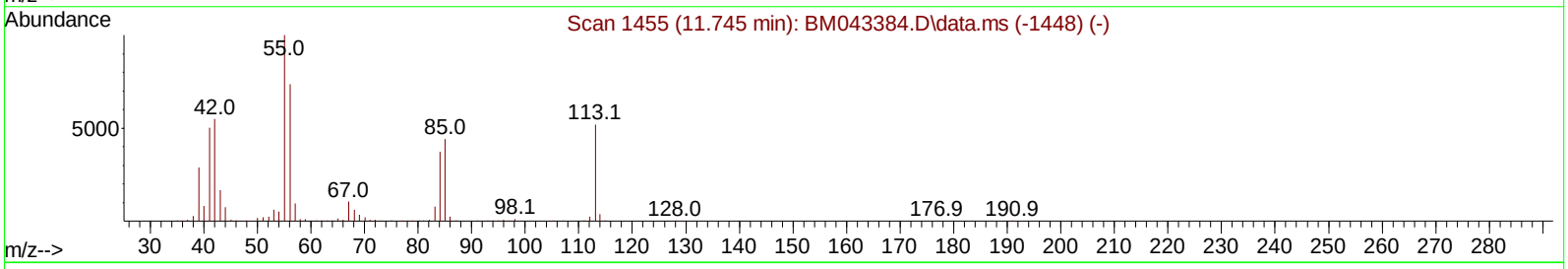
Instrument :
BNA_M
ClientSampleId :
SLCS639

Manual IntegrationsAPPROVED

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







TIC: BM043398.D\data.ms

(34) Caprolactam

11.763min (+ 0.018) 19.38 ng/ul

response 243848

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	191.11
56.00	139.30	139.69
0.00	0.00	0.00

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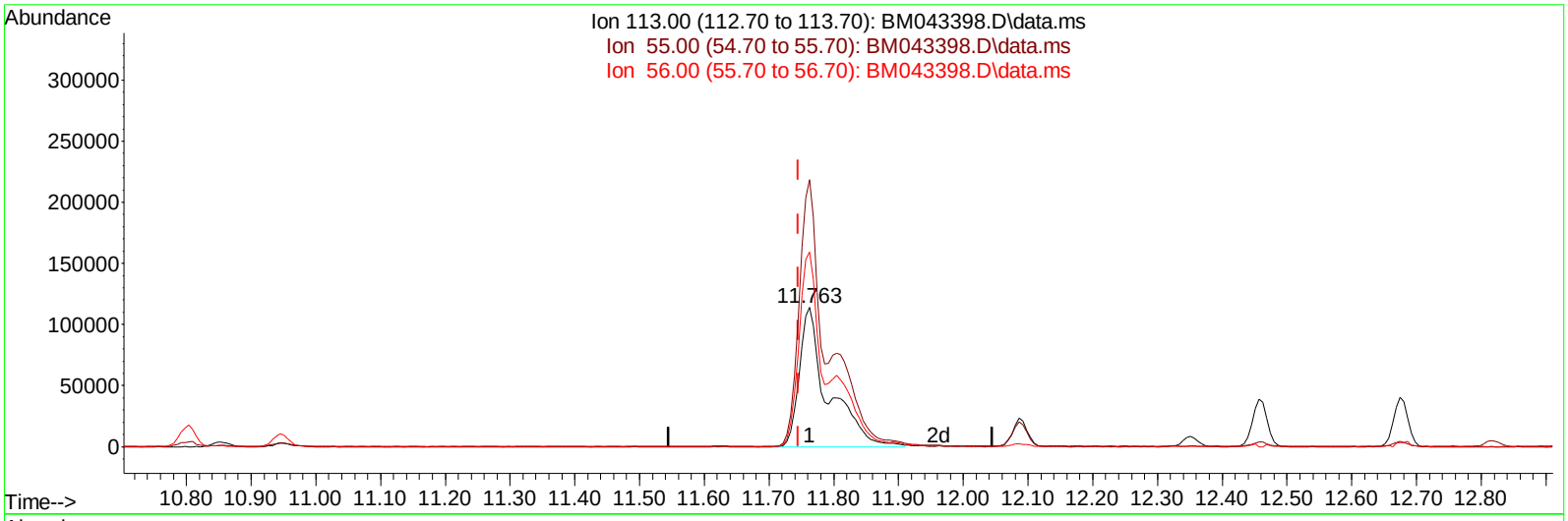

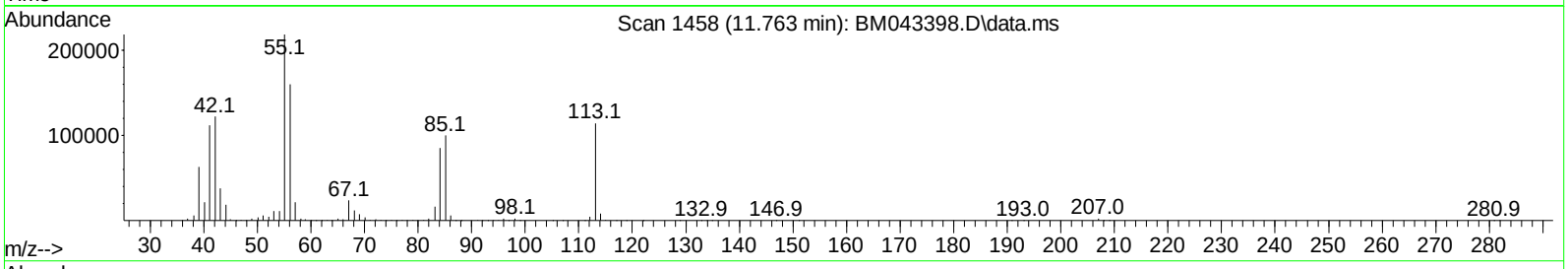

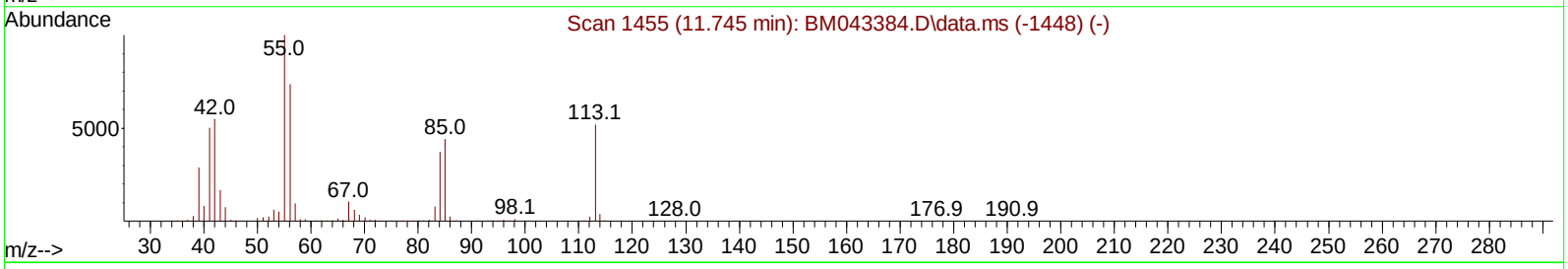

TIC: BM043398.D\data.ms

(34) Caprolactam

11.763min (+ 0.018) 28.03 ng/ul m

response 352670

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	186.10	191.11
56.00	139.30	139.69
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	7.992	152	532472	20.000	ng/ul	0.00
20) Naphthalene-d8	10.804	136	2299083	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1162939	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	1919781	20.000	ng/ul	0.00
79) Chrysene-d12	21.544	240	1351888	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	1455447	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	78006	4.761	ng/uL	0.00
4) Pyridine-d5	3.804	84	1156456	24.525	ng/ul	0.00
7) Phenol-d5	7.157	99	1552900	25.637	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.334	67	972629	25.354	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	1175232	25.411	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	1152512	24.519	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	568360	25.551	ng/ul	0.00
24) 2-Nitrophenol-d4	9.886	143	592888	25.796	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	1028271	25.344	ng/ul	0.00
31) 4-Chloroaniline-d4	10.945	131	1468496	24.602	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2651383	25.326	ng/ul	0.00
49) Acenaphthylene-d8	14.321	160	3231902	26.024	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	484171	24.435	ng/ul	0.00
60) Fluorene-d10	15.615	176	2154013	24.882	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	324808	25.582	ng/ul	0.00
73) Anthracene-d10	17.468	188	2776801	25.791	ng/ul	0.00
81) Pyrene-d10	19.750	212	2650589	24.834	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.809	264	2429035	27.045	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	167932	9.278	ng/uL	96
5) Pyridine	3.828	79	1263478	25.910	ng/ul	99
6) Benzaldehyde	7.139	77	813859	28.337	ng/ul	98
8) Phenol	7.186	94	1614578	27.094	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	1316690	27.216	ng/ul	98
12) 2-Chlorophenol	7.551	128	1257579	26.693	ng/ul	99
13) 2-Methylphenol	8.439	108	1195989	26.431	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.522	45	2203188	27.119	ng/ul	98
16) Acetophenone	8.828	105	1873680	26.036	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	1064857	24.792	ng/ul	98
18) 4-Methylphenol	8.775	108	1272126	25.940	ng/ul	99
19) Hexachloroethane	9.069	117	535970	26.980	ng/ul	99
22) Nitrobenzene	9.210	77	1515941	27.537	ng/ul	98
23) Isophorone	9.739	82	2875652	25.752	ng/ul	99
25) 2-Nitrophenol	9.922	139	674064	27.595	ng/ul	98
26) 2,4-Dimethylphenol	9.975	107	944085	21.696	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.222	93	1740088	26.390	ng/ul	100
29) 2,4-Dichlorophenol	10.451	162	1046484	26.578	ng/ul	98
30) Naphthalene	10.857	128	3904761	26.649	ng/ul	100
32) 4-Chloroaniline	10.969	127	1282993	22.353	ng/ul	99
33) Hexachlorobutadiene	11.127	225	549174	27.356	ng/ul	99
34) Caprolactam	11.763	113	352670m	28.028	ng/ul	
35) 4-Chloro-3-methylphenol	12.086	107	1167239	25.239	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.457	142	2558182	25.648	ng/ul	99
37) 1-Methylnaphthalene	12.674	142	2513437	24.984	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.821	216	1016240	28.680	ng/ul	97
40) Hexachlorocyclopentadiene	12.786	237	434796	19.557	ng/ul	97
41) 2,4,6-Trichlorophenol	13.063	196	681205	27.046	ng/ul	98
42) 2,4,5-Trichlorophenol	13.133	196	743899	27.816	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	3139599	28.321	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	2396826	28.201	ng/ul	99
45) 2-Nitroaniline	13.715	65	798278	28.009	ng/ul	97
47) Dimethylphthalate	14.092	163	2793868	27.023	ng/ul	100
48) 2,6-Dinitrotoluene	14.215	165	556702	27.852	ng/ul	97
50) Acenaphthylene	14.351	152	3932276	27.573	ng/ul	99
51) 3-Nitroaniline	14.539	138	606759	26.443	ng/ul	97
52) Acenaphthene	14.686	153	2561995	27.258	ng/ul	99
53) 2,4-Dinitrophenol	14.745	184	255798	24.040	ng/ul	94
55) 4-Nitrophenol	14.845	109	401692	26.108	ng/ul	97
56) Dibenzofuran	15.021	168	3247880	26.756	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	755794	26.764	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.245	232	490450	23.936	ng/ul	98
59) Diethylphthalate	15.451	149	2869085	27.080	ng/ul	99
61) Fluorene	15.674	166	2751234	26.530	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.668	204	1217821	26.697	ng/ul	99
63) 4-Nitroaniline	15.704	138	616858	29.370	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.757	198	370361	27.321	ng/ul	99
67) N-Nitrosodiphenylamine	15.886	169	2165944	29.373	ng/ul	99
68) 4-Bromophenyl-phenylether	16.562	248	657676	28.916	ng/ul	99
69) Hexachlorobenzene	16.662	284	741283	28.448	ng/ul	96
70) Atrazine	16.839	200	351539	21.749	ng/ul	99
71) Pentachlorophenol	17.009	266	387242	24.582	ng/ul	99
72) Phenanthrene	17.409	178	3667298	28.185	ng/ul	99
74) Anthracene	17.503	178	3598697	27.405	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.427	216	1008581	31.990	ng/uL	99
76) Pentachlorobenzene	14.933	250	924678	30.120	ng/uL	97
77) Carbazole	17.774	167	3270526	29.182	ng/ul	100
78) Di-n-butylphthalate	18.345	149	4544532	31.017	ng/ul	100
80) Fluoranthene	19.421	202	3510572	26.561	ng/ul	98
82) Pyrene	19.780	202	3603182	26.518	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1790334	30.476	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.462	252	988398	29.686	ng/ul	98
85) Benzo(a)anthracene	21.527	228	3237851	28.642	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	2724269	32.573	ng/ul	100
87) Chrysene	21.580	228	2917610	28.689	ng/ul	99
89) Di-n-octyl phthalate	22.409	149	4415884	31.717	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	3073121	27.553	ng/ul	100
91) Benzo(k)fluoranthene	23.280	252	3134858	28.818	ng/ul	99
93) Benzo(a)pyrene	23.862	252	2936831	28.860	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.503	276	3647151	30.017	ng/ul	98
95) Dibenzo(a,h)anthracene	26.526	278	3055403	30.368	ng/ul	99
96) Benzo(g,h,i)perylene	27.279	276	2865509	30.085	ng/ul	99

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

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