Quantitation Report (Qedit)

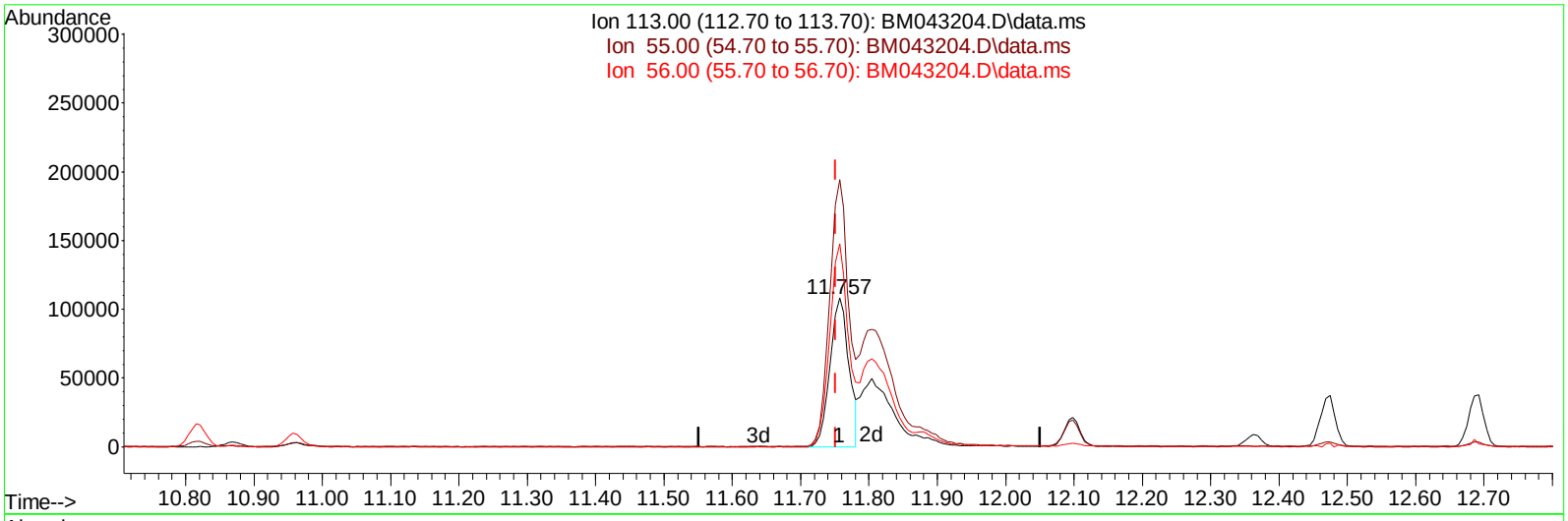
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120823\
Data File : BM043204.D
Acq On : 08 Dec 2023 19:45
Operator : MA/JU
Sample : PB157622BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

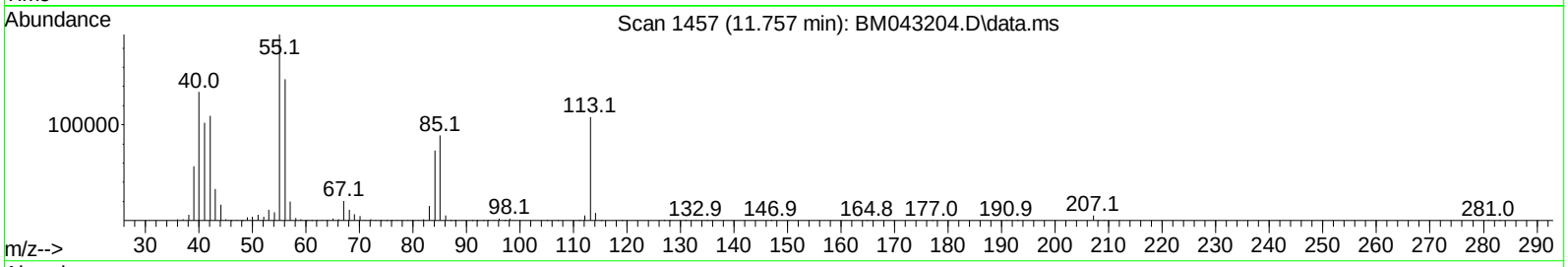
Quant Time: Dec 08 21:43:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 08 00:42:52 2023
Response via : Initial Calibration

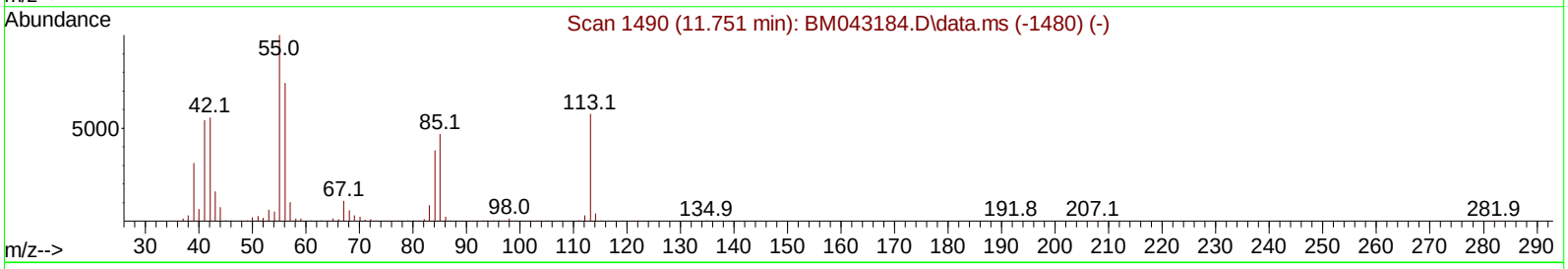
Instrument :
BNA_M
ClientSampleId :
SLCS622

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/11/2023







TIC: BM043204.D\data.ms

(34) Caprolactam

11.757min (+ 0.006) 17.10 ng/ul

response 208266

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	179.55
56.00	129.40	136.47
0.00	0.00	0.00

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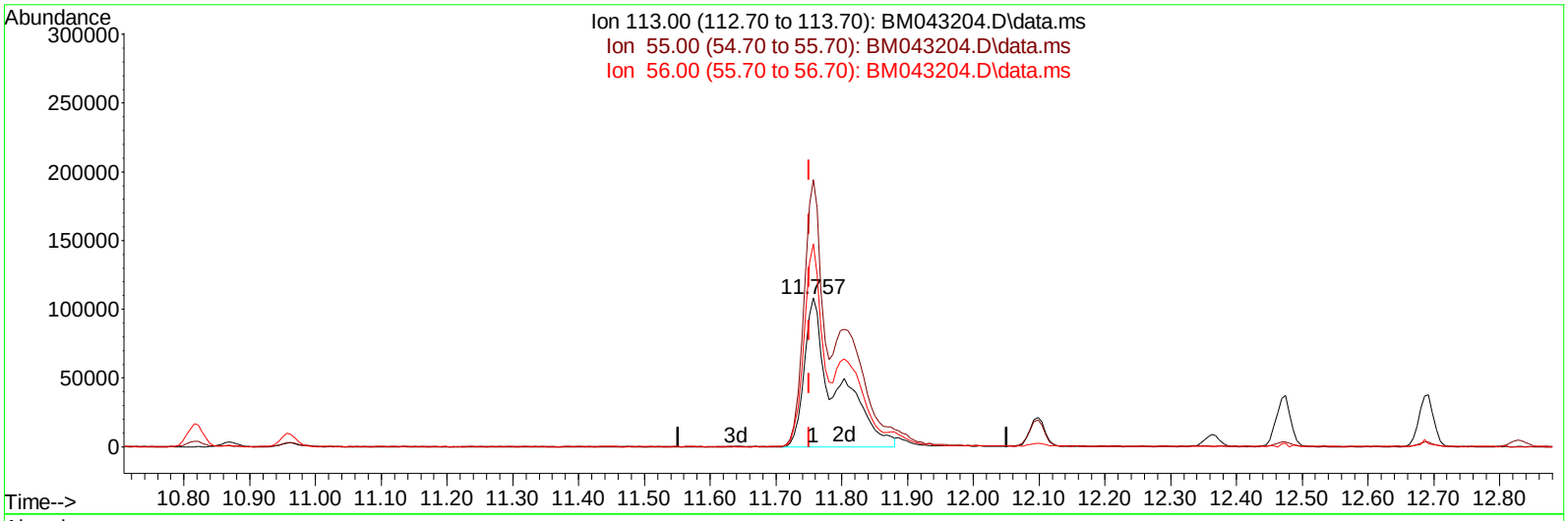

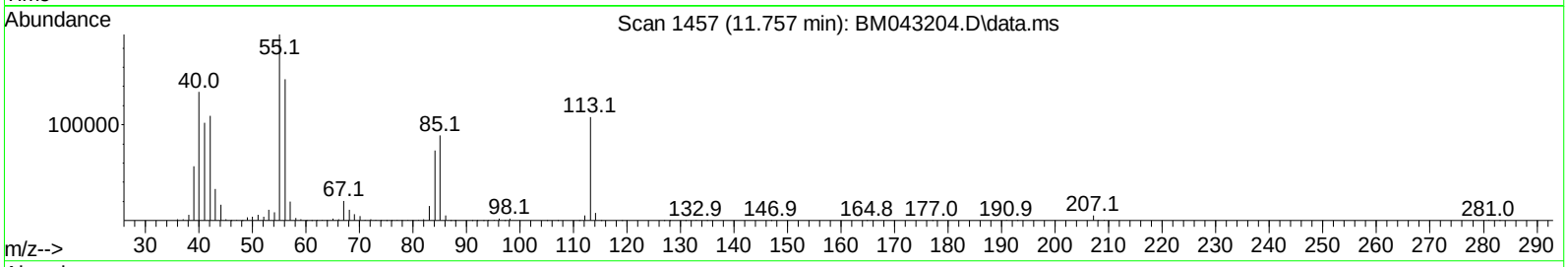

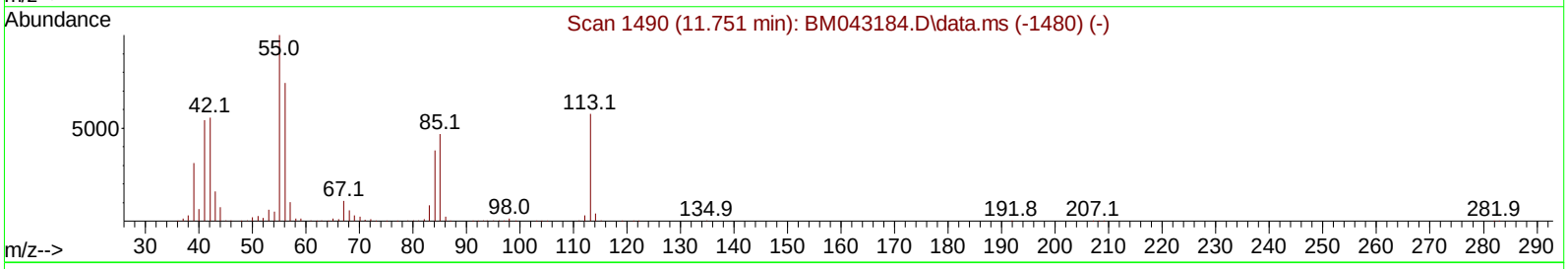

TIC: BM043204.D\data.ms

(34) Caprolactam

11.757min (+ 0.006) 30.12 ng/ul m

response 366715

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	174.40	179.55
56.00	129.40	136.47
0.00	0.00	0.00

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Misc :
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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	8.010	152	516417	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	2303263	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	1540590	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	3293977	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	3105452	20.000	ng/ul	0.00
88) Perylene-d12	23.933	264	3107687	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	63700	4.841	ng/uL	0.00
4) Pyridine-d5	3.816	84	963017	24.666	ng/ul	0.00
7) Phenol-d5	7.169	99	1341430	26.165	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	813430	25.630	ng/ul	0.00
11) 2-Chlorophenol-d4	7.539	132	1011239	25.873	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	1009706	24.894	ng/ul	0.00
21) Nitrobenzene-d5	9.181	128	525760	26.781	ng/ul	0.00
24) 2-Nitrophenol-d4	9.904	143	541275	28.593	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.433	165	1112542	26.367	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	1413513	23.282	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	3527904	26.124	ng/ul	0.00
49) Acenaphthylene-d8	14.333	160	3994168	25.564	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	647718	26.766	ng/ul	0.00
60) Fluorene-d10	15.621	176	3010720	25.575	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	476854	26.303	ng/ul	0.00
73) Anthracene-d10	17.468	188	4300168	24.130	ng/ul	0.00
81) Pyrene-d10	19.750	212	5253528	26.439	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.780	264	4708850	25.967	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	132243	9.150	ng/uL	93
5) Pyridine	3.840	79	995178	24.801	ng/ul	98
6) Benzaldehyde	7.151	77	684530	25.942	ng/ul	99
8) Phenol	7.198	94	1318929	26.013	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.445	93	1048328	25.643	ng/ul	100
12) 2-Chlorophenol	7.569	128	1018841	25.695	ng/ul	99
13) 2-Methylphenol	8.451	108	950454	24.241	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1754612	25.814	ng/ul	99
16) Acetophenone	8.845	105	1683679	25.827	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.834	70	911766	25.516	ng/ul	98
18) 4-Methylphenol	8.786	108	1077824	25.336	ng/ul	100
19) Hexachloroethane	9.086	117	420055	24.993	ng/ul	98
22) Nitrobenzene	9.228	77	1235804	26.182	ng/ul	99
23) Isophorone	9.751	82	2591321	25.765	ng/ul	99
25) 2-Nitrophenol	9.933	139	579963	27.953	ng/ul	99
26) 2,4-Dimethylphenol	9.992	107	526183	12.935	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.239	93	1518372	25.677	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	1068678	26.095	ng/ul	99
30) Naphthalene	10.869	128	3567437	25.234	ng/ul	100
32) 4-Chloroaniline	10.986	127	1216500	21.243	ng/ul	99
33) Hexachlorobutadiene	11.139	225	626424	24.548	ng/ul	98
34) Caprolactam	11.757	113	366715m	30.115	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	1134552	26.383	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.474	142	2575377	25.320	ng/ul	100
37) 1-Methylnaphthalene	12.686	142	2557803	24.775	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.833	216	1308025	25.095	ng/ul	100
40) Hexachlorocyclopentadiene	12.804	237	526890	17.815	ng/ul	99
41) 2,4,6-Trichlorophenol	13.074	196	781679	24.101	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	889818	25.207	ng/ul	100
43) 1,1'-Biphenyl	13.480	154	3480269	25.537	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	2689141	25.455	ng/ul	100
45) 2-Nitroaniline	13.727	65	788260	28.237	ng/ul	99
47) Dimethylphthalate	14.104	163	3434705	25.931	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	673222	27.587	ng/ul	97
50) Acenaphthylene	14.363	152	4537596	25.696	ng/ul	100
51) 3-Nitroaniline	14.551	138	678454	25.060	ng/ul	99
52) Acenaphthene	14.698	153	2971972	25.515	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	287520	25.664	ng/ul	98
55) 4-Nitrophenol	14.845	109	477116	27.267	ng/ul	98
56) Dibenzofuran	15.033	168	4096839	25.749	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	967078	27.754	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	657583	22.411	ng/ul	99
59) Diethylphthalate	15.463	149	3485292	26.160	ng/ul	100
61) Fluorene	15.680	166	3588608	26.055	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.680	204	1747113	25.676	ng/ul	99
63) 4-Nitroaniline	15.710	138	717102	26.362	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.757	198	528164	26.643	ng/ul	96
67) N-Nitrosodiphenylamine	15.892	169	2845690	25.762	ng/ul	100
68) 4-Bromophenyl-phenylether	16.568	248	985362	24.737	ng/ul	97
69) Hexachlorobenzene	16.668	284	1208004	25.559	ng/ul	99
70) Atrazine	16.839	200	249544	8.011	ng/ul	97
71) Pentachlorophenol	17.015	266	552179	19.841	ng/ul	97
72) Phenanthrene	17.415	178	5419608	26.385	ng/ul	99
74) Anthracene	17.504	178	5125850	24.773	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.433	216	1327919	25.482	ng/uL	98
76) Pentachlorobenzene	14.945	250	1372439	25.915	ng/uL	98
77) Carbazole	17.774	167	4855425	28.567	ng/ul	100
78) Di-n-butylphthalate	18.345	149	6262846	28.329	ng/ul	99
80) Fluoranthene	19.421	202	6242832	27.389	ng/ul	100
82) Pyrene	19.780	202	6435995	27.144	ng/ul	100
83) Butylbenzylphthalate	20.686	149	2689439	28.515	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	1829368	24.787	ng/ul	100
85) Benzo(a)anthracene	21.521	228	6296195	26.444	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.462	149	4334047	29.110	ng/ul	99
87) Chrysene	21.574	228	5735066	26.968	ng/ul	100
89) Di-n-octyl phthalate	22.403	149	6749271	31.574	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	5802626	26.170	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	5967090	27.020	ng/ul	99
93) Benzo(a)pyrene	23.833	252	5329666	26.005	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	5969716	25.572	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	5080844	26.029	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	4488496	25.519	ng/ul	99

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

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