Quantitation Report (Qedit)

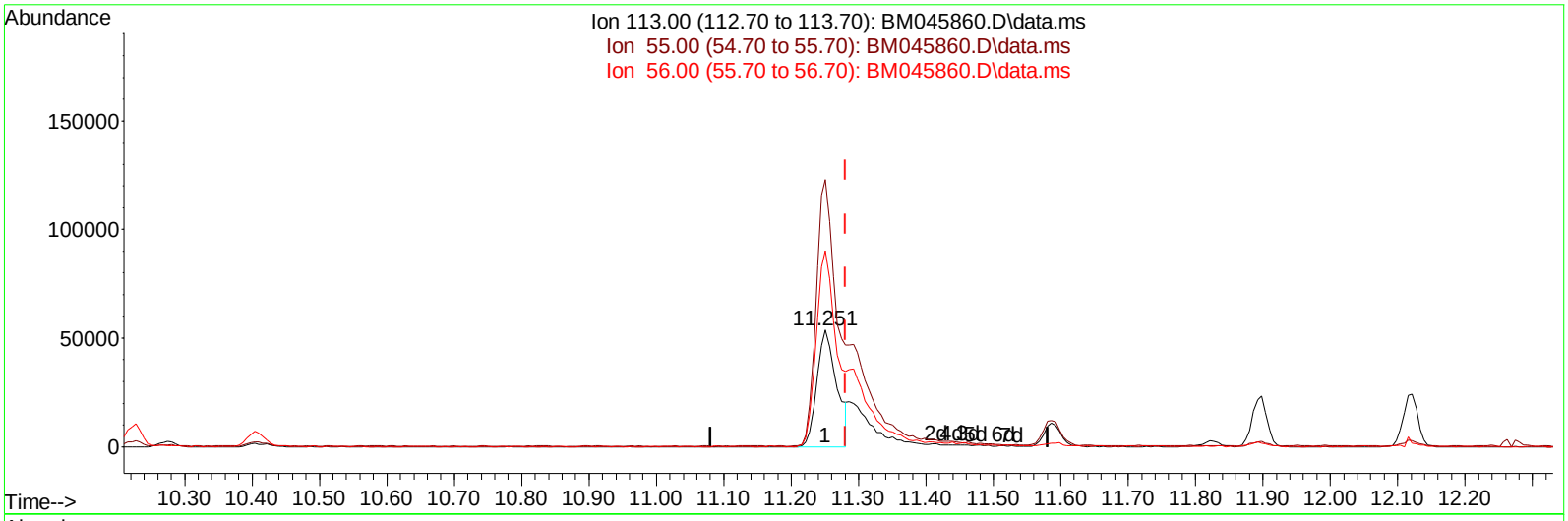
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045860.D
Acq On : 05 Jun 2024 21:35
Operator : MA/JU
Sample : PB161208BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

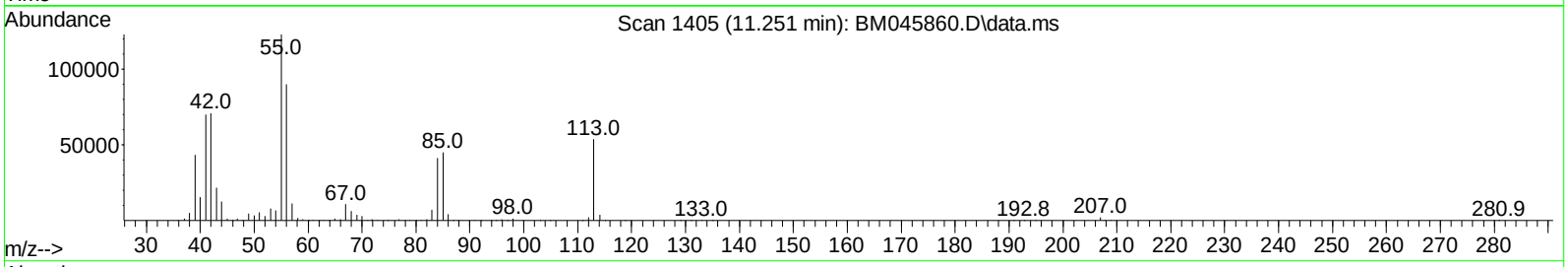
Quant Time: Jun 06 02:17:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

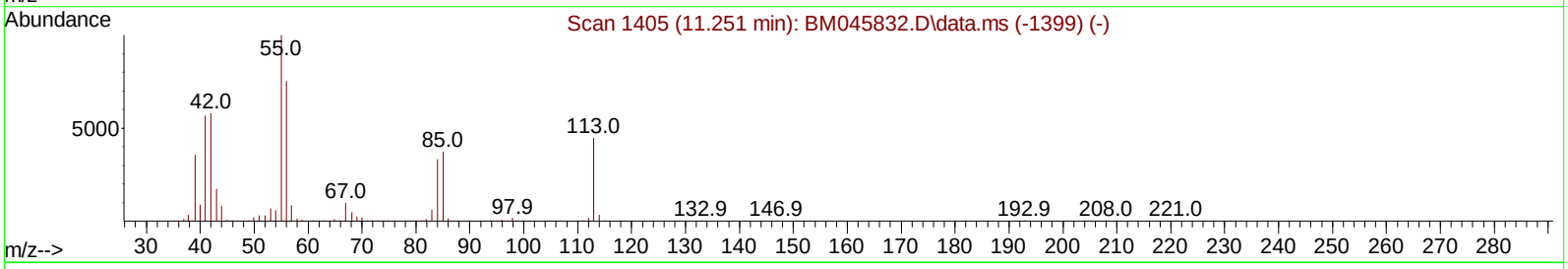
Instrument :
BNA_M
ClientSampleId :
SLCS208

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/06/2024
Supervised By :mohammad ahmed 06/07/2024







TIC: BM045860.D\data.ms

(34) Caprolactam

11.251min (-0.030) 27.02 ng/ul

response 109756

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	228.58
56.00	162.60	167.71
0.00	0.00	0.00

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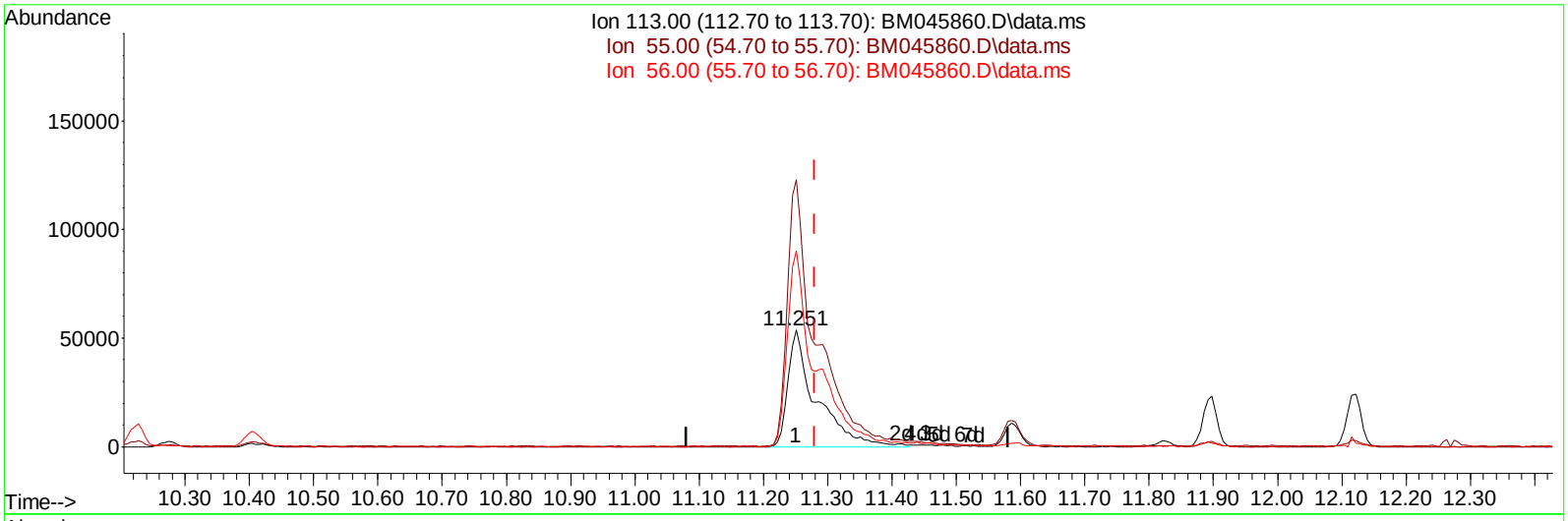

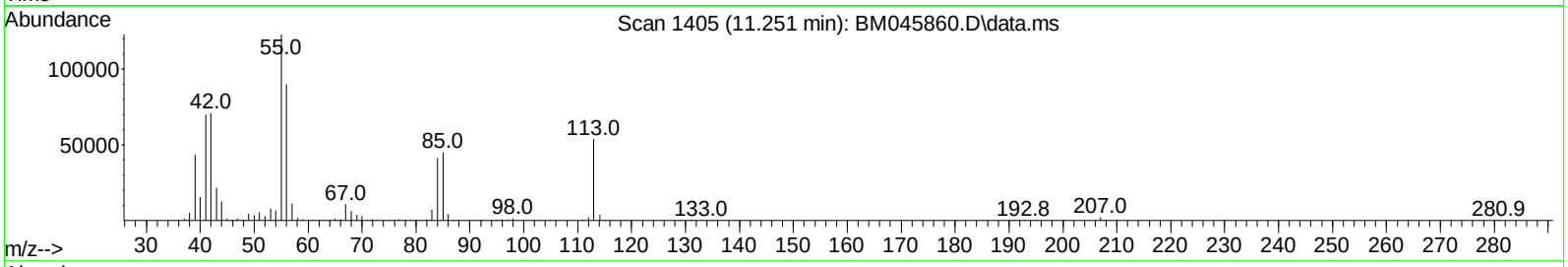

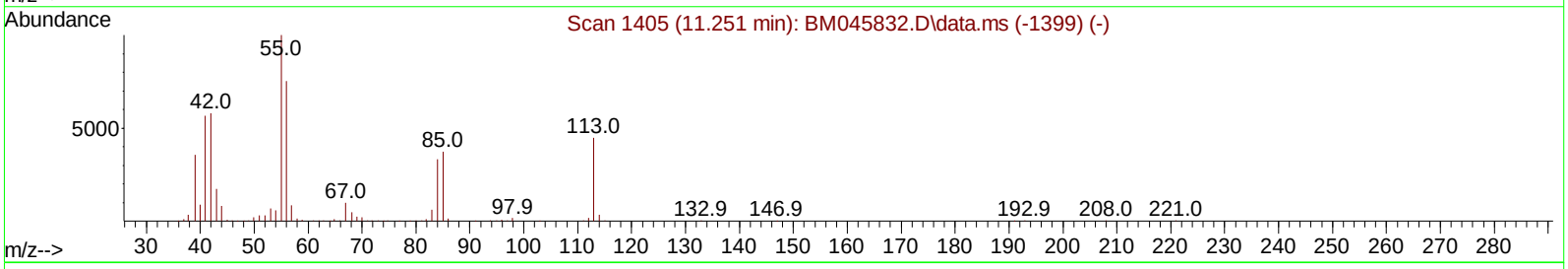

TIC: BM045860.D\data.ms

(34) Caprolactam

11.251min (-0.030) 40.61 ng/ul m

response 164961

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	228.58
56.00	162.60	167.71
0.00	0.00	0.00

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ALS Vial : 16 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.463	152	244434	20.000	ng/ul	0.00
20) Naphthalene-d8	10.227	136	975488	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.104	164	547346	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.851	188	963266	20.000	ng/ul	0.00
79) Chrysene-d12	21.062	240	773401	20.000	ng/ul	0.00
88) Perylene-d12	23.785	264	860637	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.051	96	37452	5.940	ng/uL	0.00
4) Pyridine-d5	3.457	84	542044	33.391	ng/ul	-0.01
7) Phenol-d5	6.716	99	733299	35.314	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.822	67	509879	34.195	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.028	132	586122	37.787	ng/ul	0.00
15) 4-Methylphenol-d8	8.228	113	548542	34.965	ng/ul	0.00
21) Nitrobenzene-d5	8.622	128	288068	37.769	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.333	143	305612	39.591	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.880	165	550652	38.041	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.404	131	720759	35.977	ng/ul	-0.02
46) Dimethylphthalate-d6	13.551	166	1431217	37.770	ng/ul	0.00
49) Acenaphthylene-d8	13.792	160	1616968	36.748	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.410	143	309893	37.894	ng/ul	0.00
60) Fluorene-d10	15.104	176	1147010	35.482	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	164376	33.417	ng/ul	0.00
73) Anthracene-d10	16.951	188	1572547	37.553	ng/ul	0.00
81) Pyrene-d10	19.250	212	1710971	35.573	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.597	264	1540234	38.292	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.081	88	89317	12.800	ng/uL	92
5) Pyridine	3.475	79	604402	36.254	ng/ul	94
6) Benzaldehyde	6.634	77	487338	49.897	ng/ul	96
8) Phenol	6.745	94	797286	37.022	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.916	93	617543	34.355	ng/ul	99
12) 2-Chlorophenol	7.057	128	616681	37.738	ng/ul	99
13) 2-Methylphenol	7.963	108	576228	36.541	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	7.998	45	1269468	35.856	ng/ul	99
16) Acetophenone	8.298	105	933183	35.691	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.286	70	521487	36.094	ng/ul	98
18) 4-Methylphenol	8.292	108	610820	37.434	ng/ul	100
19) Hexachloroethane	8.528	117	273699	34.873	ng/ul	98
22) Nitrobenzene	8.663	77	795818	37.283	ng/ul	100
23) Isophorone	9.192	82	1413744	37.483	ng/ul	99
25) 2-Nitrophenol	9.369	139	343640	40.725	ng/ul	94
26) 2,4-Dimethylphenol	9.469	107	527584	30.820	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.675	93	824583	36.011	ng/ul	100
29) 2,4-Dichlorophenol	9.910	162	566684	39.294	ng/ul	99
30) Naphthalene	10.275	128	1879860	36.139	ng/ul	99
32) 4-Chloroaniline	10.427	127	662105	33.810	ng/ul	96
33) Hexachlorobutadiene	10.569	225	357671	36.203	ng/ul	96
34) Caprolactam	11.251	113	164961m	40.612	ng/ul	
35) 4-Chloro-3-methylphenol	11.586	107	598308	38.240	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.898	142	1241157	36.027	ng/ul	99
37) 1-Methylnaphthalene	12.121	142	1237184	35.920	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.269	216	643778	39.272	ng/ul	99
40) Hexachlorocyclopentadiene	12.263	237	193881	19.488	ng/ul	99
41) 2,4,6-Trichlorophenol	12.545	196	403254	42.282	ng/ul	99
42) 2,4,5-Trichlorophenol	12.633	196	425847	41.147	ng/ul	98
43) 1,1'-Biphenyl	12.933	154	1554933	38.290	ng/ul	100
44) 2-Chloronaphthalene	12.968	162	1183952	37.205	ng/ul	99
45) 2-Nitroaniline	13.216	65	450399	41.448	ng/ul	97
47) Dimethylphthalate	13.598	163	1473927	38.308	ng/ul	99
48) 2,6-Dinitrotoluene	13.710	165	290606	39.261	ng/ul	98
50) Acenaphthylene	13.821	152	1867249	36.665	ng/ul	100
51) 3-Nitroaniline	14.057	138	312087	45.917	ng/ul	95
52) Acenaphthene	14.168	153	1231849	36.248	ng/ul	100
53) 2,4-Dinitrophenol	14.245	184	103024	30.569	ng/ul	93
55) 4-Nitrophenol	14.421	109	265753	39.388	ng/ul	97
56) Dibenzofuran	14.510	168	1706868	37.244	ng/ul	99
57) 2,4-Dinitrotoluene	14.498	165	411741	40.207	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.757	232	329028	42.076	ng/ul	95
59) Diethylphthalate	14.968	149	1499422	38.919	ng/ul	99
61) Fluorene	15.157	166	1376330	37.273	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.162	204	673383	36.740	ng/ul	98
63) 4-Nitroaniline	15.233	138	286766	50.810	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.257	198	186718	34.586	ng/ul	91
67) N-Nitrosodiphenylamine	15.386	169	1137563	41.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.057	248	396180	39.448	ng/ul	97
69) Hexachlorobenzene	16.162	284	425829	38.341	ng/ul	94
70) Atrazine	16.356	200	320055	38.679	ng/ul	99
71) Pentachlorophenol	16.527	266	247829	43.977	ng/ul	98
72) Phenanthrene	16.892	178	1962776	38.671	ng/ul	99
74) Anthracene	16.986	178	1917365	37.820	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.892	216	614862	41.158	ng/uL	99
76) Pentachlorobenzene	14.421	250	564050	40.368	ng/uL	98
77) Carbazole	17.274	167	1755579	40.584	ng/ul	99
78) Di-n-butylphthalate	17.845	149	2415066	42.453	ng/ul	100
80) Fluoranthene	18.915	202	2163971	37.113	ng/ul	99
82) Pyrene	19.280	202	2248897	37.540	ng/ul	99
83) Butylbenzylphthalate	20.209	149	1015567	41.596	ng/ul	99
84) 3,3'-Dichlorobenzidine	20.997	252	635613	41.607	ng/ul	99
85) Benzo(a)anthracene	21.050	228	2037377	38.152	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.997	149	1513174	41.714	ng/ul	99
87) Chrysene	21.103	228	1924415	38.955	ng/ul	99
89) Di-n-octyl phthalate	22.027	149	2593640	39.405	ng/ul	100
90) Benzo(b)fluoranthene	22.933	252	2033605	38.450	ng/ul	99
91) Benzo(k)fluoranthene	22.991	252	1963322	38.005	ng/ul	98
93) Benzo(a)pyrene	23.656	252	1646018	35.416	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.797	276	2160231	42.562	ng/ul	100
95) Dibenzo(a,h)anthracene	26.838	278	1688621	42.065	ng/ul	99
96) Benzo(g,h,i)perylene	27.732	276	1789291	40.027	ng/ul	98

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

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