Quantitation Report (Qedit)

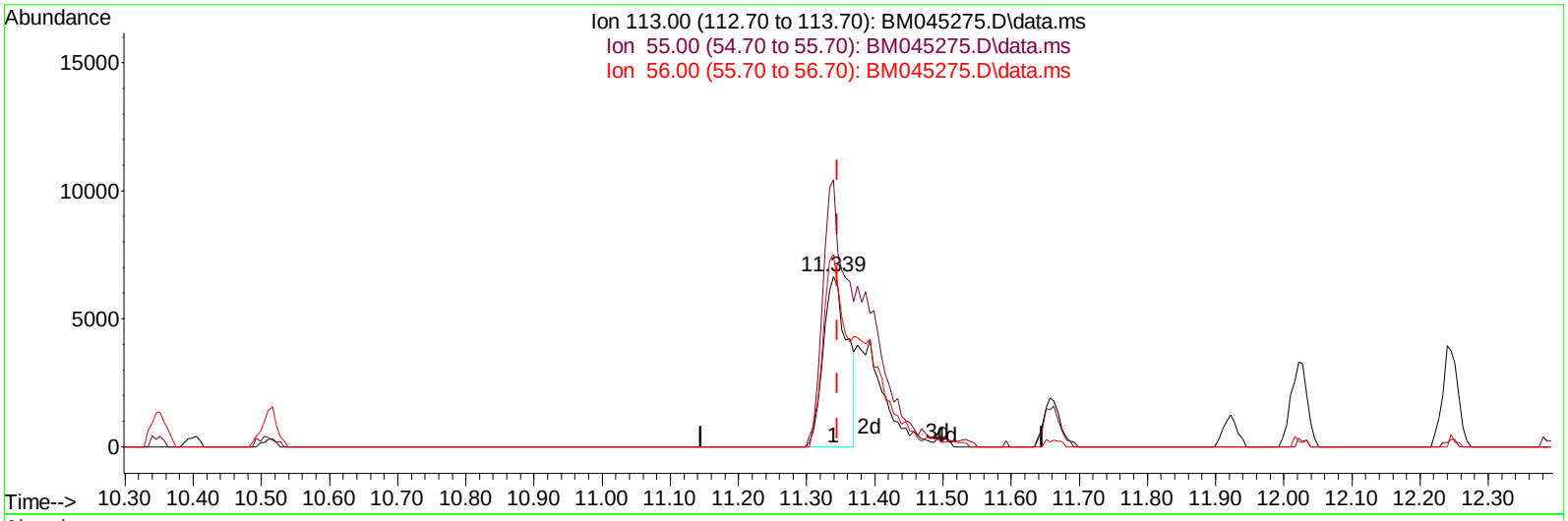
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041524\
Data File : BM045275.D
Acq On : 16 Apr 2024 10:46
Operator : MA/JU
Sample : PB160227BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

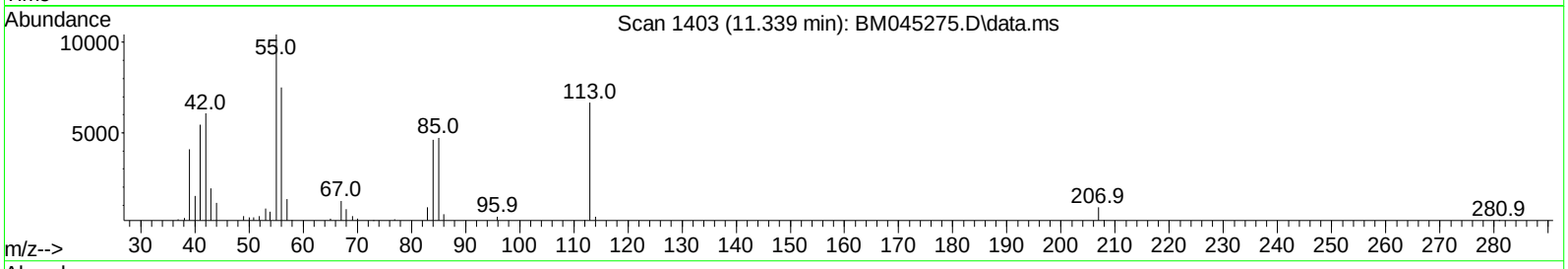
Quant Time: Apr 16 12:46:20 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 15 22:24:11 2024
Response via : Initial Calibration

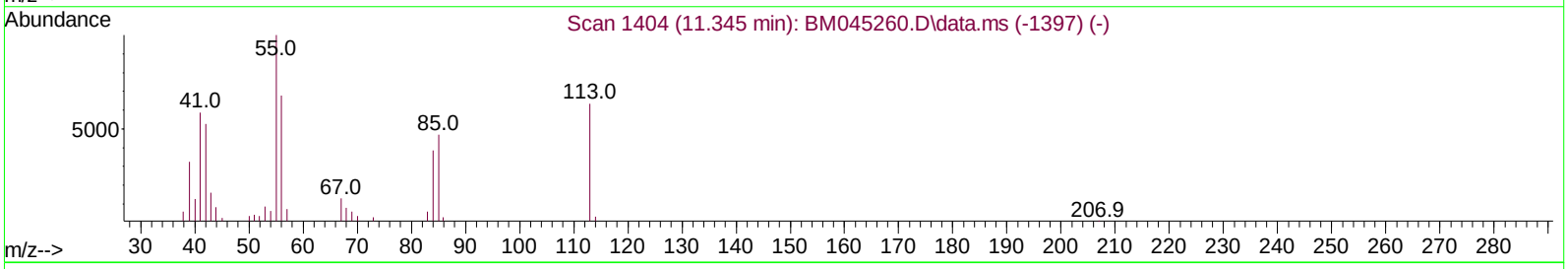
Instrument :
BNA_M
ClientSampleId :
SLCS227

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024







TIC: BM045275.D\data.ms

(34) Caprolactam

11.339min (-0.006) 15.18 ng/ul

response 16221

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	156.52
56.00	114.80	112.79
0.00	0.00	0.00

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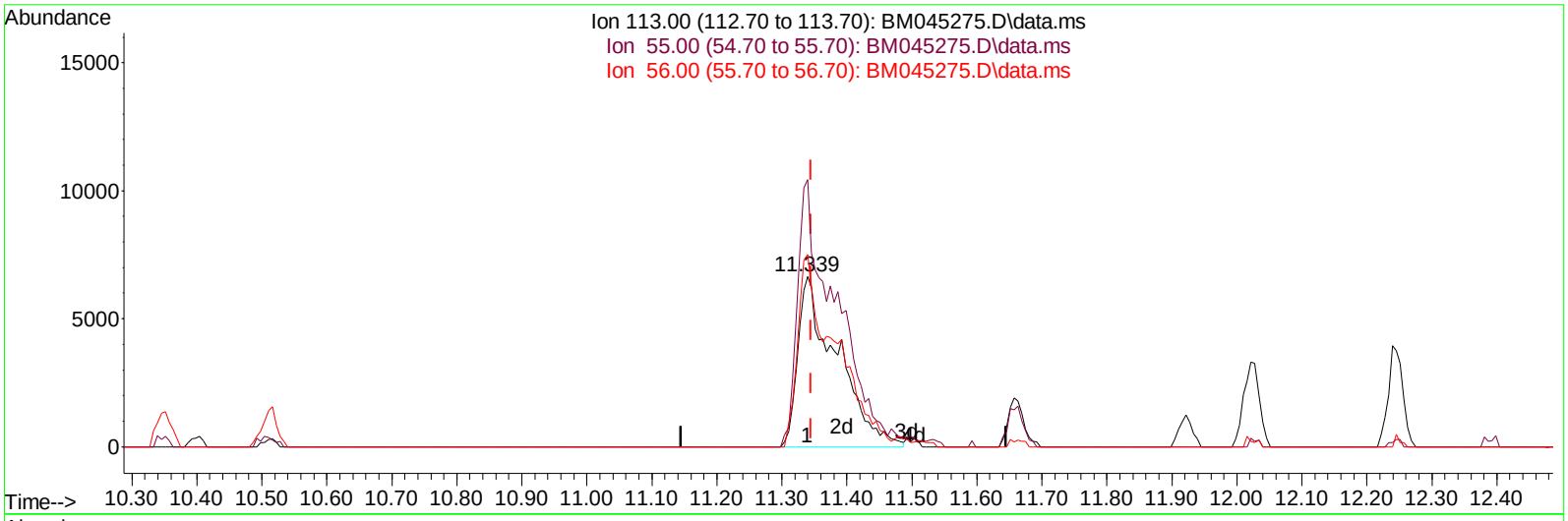

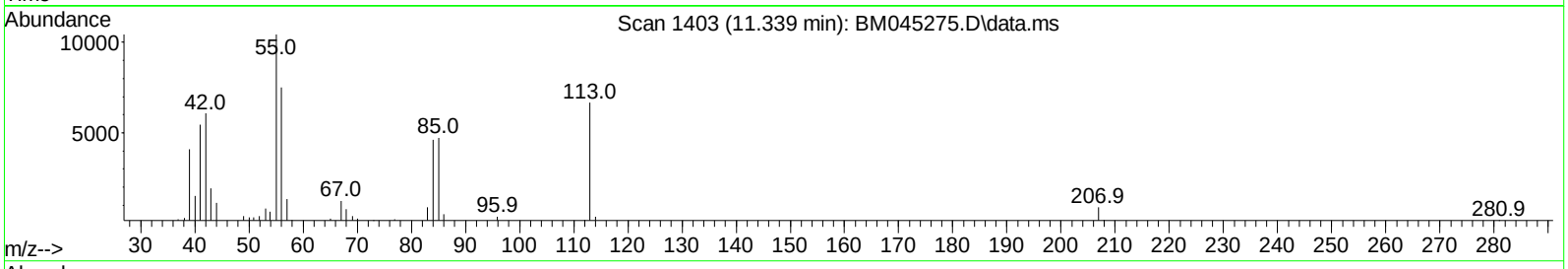

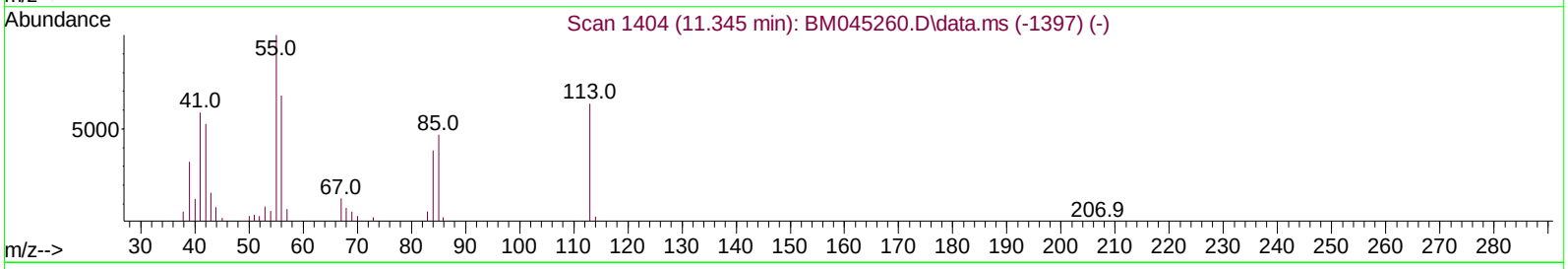

TIC: BM045275.D\data.ms

(34) Caprolactam

11.339min (-0.006) 25.94 ng/ul m

response 27715

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	156.52
56.00	114.80	112.79
0.00	0.00	0.00

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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	7.581	152	52373	20.000	ng/ul	0.00
20) Naphthalene-d8	10.351	136	210745	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.233	164	129646	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.992	188	260081	20.000	ng/ul	0.00
79) Chrysene-d12	21.204	240	256607	20.000	ng/ul	0.00
88) Perylene-d12	23.403	264	322056	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8062	5.748	ng/uL	0.00
4) Pyridine-d5	3.569	84	88540	23.215	ng/ul	-0.01
7) Phenol-d5	6.763	99	116307	26.196	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	76950	29.090	ng/ul	0.00
11) 2-Chlorophenol-d4	7.116	132	100562	28.910	ng/ul	0.00
15) 4-Methylphenol-d8	8.293	113	95259	27.410	ng/ul	0.00
21) Nitrobenzene-d5	8.740	128	48506	29.964	ng/ul	0.00
24) 2-Nitrophenol-d4	9.451	143	53172	31.120	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	98496	31.441	ng/ul	0.00
31) 4-Chloroaniline-d4	10.510	131	126730	25.409	ng/ul	-0.01
46) Dimethylphthalate-d6	13.663	166	279491	30.962	ng/ul	0.00
49) Acenaphthylene-d8	13.922	160	317958	29.816	ng/ul	0.00
54) 4-Nitrophenol-d4	14.469	143	46686	24.781	ng/ul	0.00
60) Fluorene-d10	15.233	176	233688	29.038	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.380	200	42370	27.476	ng/ul	0.00
73) Anthracene-d10	17.092	188	352524	30.131	ng/ul	0.00
81) Pyrene-d10	19.398	212	408984	32.368	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.268	264	485981	30.933	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	11606	7.924	ng/uL	95
5) Pyridine	3.587	79	93874	23.229	ng/ul	90
6) Benzaldehyde	6.752	77	68874	33.463	ng/ul	99
8) Phenol	6.793	94	120466	26.201	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.028	93	97794	27.254	ng/ul	98
12) 2-Chlorophenol	7.146	128	102419	28.060	ng/ul	98
13) 2-Methylphenol	8.028	108	88543	26.090	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.099	45	118759	27.749	ng/ul	98
16) Acetophenone	8.410	105	147202	26.053	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.393	70	74289	27.847	ng/ul#	93
18) 4-Methylphenol	8.351	108	97524	26.661	ng/ul	95
19) Hexachloroethane	8.628	117	48649	30.304	ng/ul	97
22) Nitrobenzene	8.787	77	115446	29.068	ng/ul	99
23) Isophorone	9.304	82	213582	29.270	ng/ul	97
25) 2-Nitrophenol	9.481	139	57048	30.082	ng/ul	94
26) 2,4-Dimethylphenol	9.545	107	93273	25.511	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.793	93	131854	30.480	ng/ul	98
29) 2,4-Dichlorophenol	10.010	162	94799	29.952	ng/ul	97
30) Naphthalene	10.398	128	316534	28.373	ng/ul	100
32) 4-Chloroaniline	10.534	127	114962	23.688	ng/ul	95
33) Hexachlorobutadiene	10.663	225	59069	30.017	ng/ul	93
34) Caprolactam	11.339	113	27715m	25.938	ng/ul	
35) 4-Chloro-3-methylphenol	11.663	107	91685	29.141	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.022	142	211790	29.075	ng/ul	100
37) 1-Methylnaphthalene	12.245	142	215743	29.268	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.392	216	109402	30.856	ng/ul	97
40) Hexachlorocyclopentadiene	12.357	237	58319	27.172	ng/ul	95
41) 2,4,6-Trichlorophenol	12.651	196	70859	30.637	ng/ul	98
42) 2,4,5-Trichlorophenol	12.728	196	76573	30.047	ng/ul	96
43) 1,1'-Biphenyl	13.057	154	276459	30.198	ng/ul	97
44) 2-Chloronaphthalene	13.098	162	217042	29.181	ng/ul	98
45) 2-Nitroaniline	13.328	65	62641	30.510	ng/ul	92
47) Dimethylphthalate	13.710	163	276695	29.326	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	54153	29.283	ng/ul#	87
50) Acenaphthylene	13.951	152	353026	28.344	ng/ul	99
51) 3-Nitroaniline	14.169	138	53327	26.436	ng/ul	88
52) Acenaphthene	14.298	153	232688	27.998	ng/ul	98
53) 2,4-Dinitrophenol	14.386	184	27346	24.872	ng/ul#	80
55) 4-Nitrophenol	14.480	109	43728	26.393	ng/ul	91
56) Dibenzofuran	14.633	168	316184	27.802	ng/ul	96
57) 2,4-Dinitrotoluene	14.633	165	76964	27.803	ng/ul	85
58) 2,3,4,6-Tetrachlorophenol	14.869	232	64001	29.344	ng/ul	97
59) Diethylphthalate	15.080	149	294165	30.560	ng/ul	99
61) Fluorene	15.292	166	256731	26.784	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.292	204	121504	27.044	ng/ul	93
63) 4-Nitroaniline	15.345	138	50763	27.679	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.392	198	45003	27.251	ng/ul	97
67) N-Nitrosodiphenylamine	15.516	169	220406	31.415	ng/ul	98
68) 4-Bromophenyl-phenylether	16.192	248	79643	31.442	ng/ul	97
69) Hexachlorobenzene	16.286	284	96170	29.187	ng/ul#	93
70) Atrazine	16.480	200	75962	29.434	ng/ul	95
71) Pentachlorophenol	16.645	266	55616	27.787	ng/ul	94
72) Phenanthrene	17.033	178	404645	28.912	ng/ul	98
74) Anthracene	17.127	178	412170	28.789	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	104951	32.017	ng/uL	95
76) Pentachlorobenzene	14.545	250	107466	30.812	ng/uL	95
77) Carbazole	17.410	167	379970	27.524	ng/ul	99
78) Di-n-butylphthalate	17.980	149	531566	34.144	ng/ul	99
80) Fluoranthene	19.063	202	475930	31.936	ng/ul	99
82) Pyrene	19.427	202	513457	31.927	ng/ul	99
83) Butylbenzylphthalate	20.357	149	243758	36.177	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.133	252	164603	28.849	ng/ul	95
85) Benzo(a)anthracene	21.192	228	502118	28.839	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.133	149	383852	36.445	ng/ul#	95
87) Chrysene	21.239	228	481657	29.675	ng/ul	99
89) Di-n-octyl phthalate	22.009	149	671441	33.136	ng/ul	100
90) Benzo(b)fluoranthene	22.751	252	558918	29.776	ng/ul	99
91) Benzo(k)fluoranthene	22.792	252	558040	29.537	ng/ul	100
93) Benzo(a)pyrene	23.309	252	482218	26.396	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.603	276	725717	30.668	ng/ul	99
95) Dibenzo(a,h)anthracene	25.621	278	598798	30.266	ng/ul	98
96) Benzo(g,h,i)perylene	26.280	276	577677	30.944	ng/ul	100

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

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