Quantitation Report (Qedit)

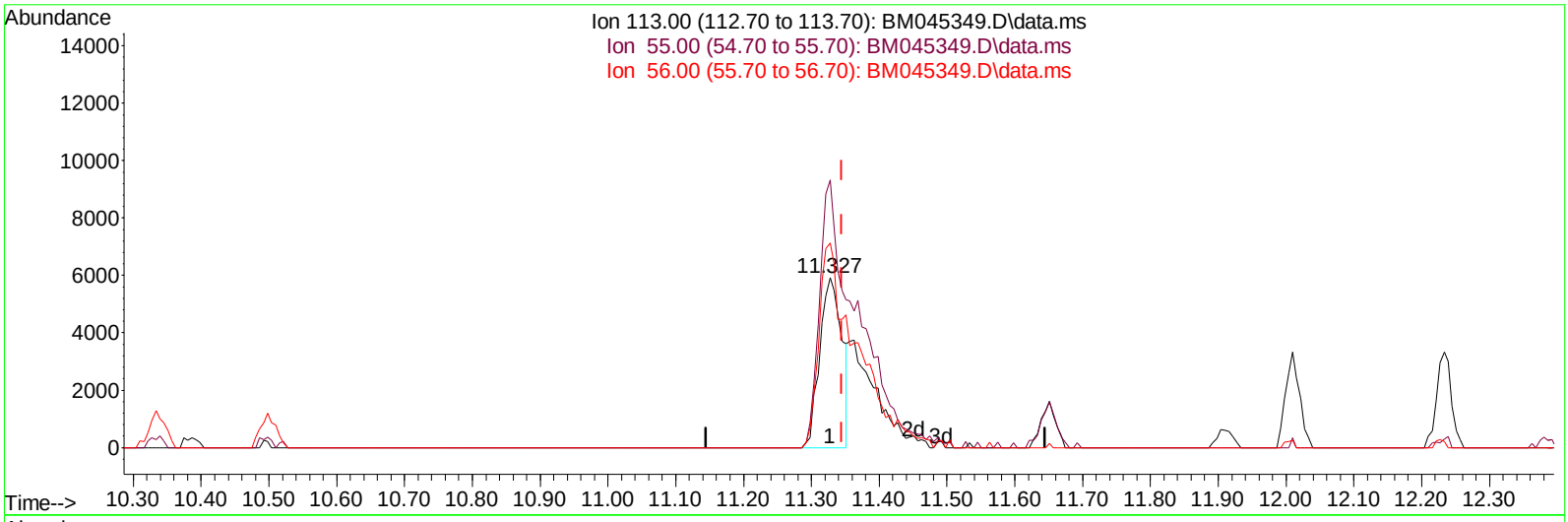
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
Data File : BM045349.D
Acq On : 18 Apr 2024 11:15
Operator : MA/JU
Sample : PB160236BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

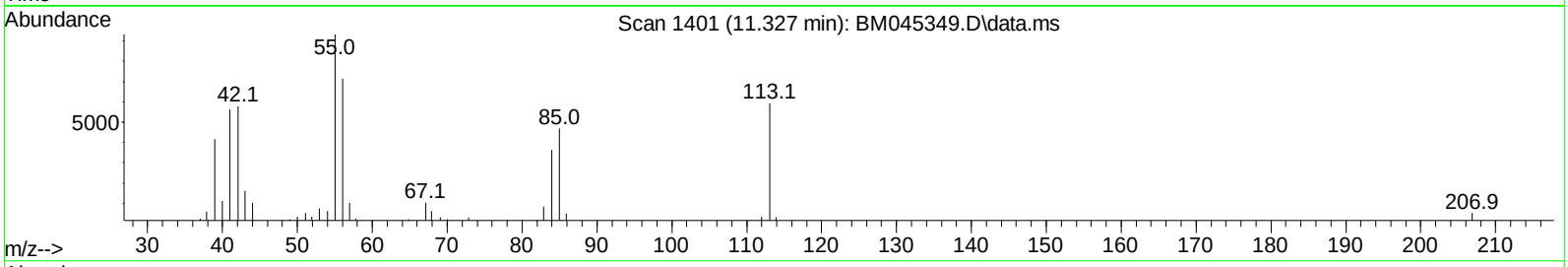
Quant Time: Apr 18 12:38:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

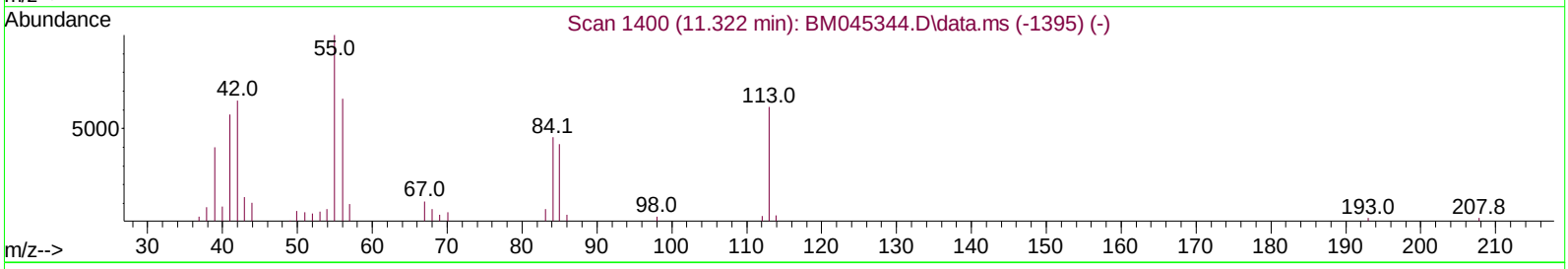
Instrument :
BNA_M
ClientSampleId :
SLCS236

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/19/2024
Supervised By :mohammad ahmed 04/25/2024







TIC: BM045349.D\data.ms

(34) Caprolactam

11.327min (-0.018) 15.73 ng/ul

response 13396

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	157.42
56.00	114.80	120.52
0.00	0.00	0.00

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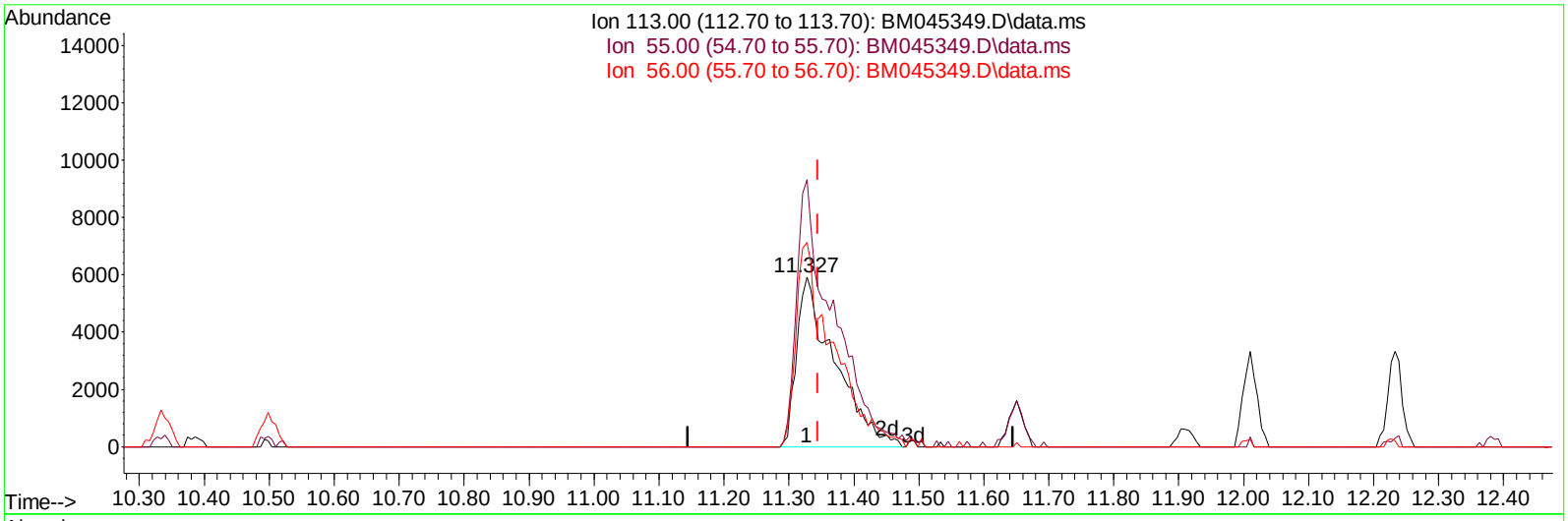

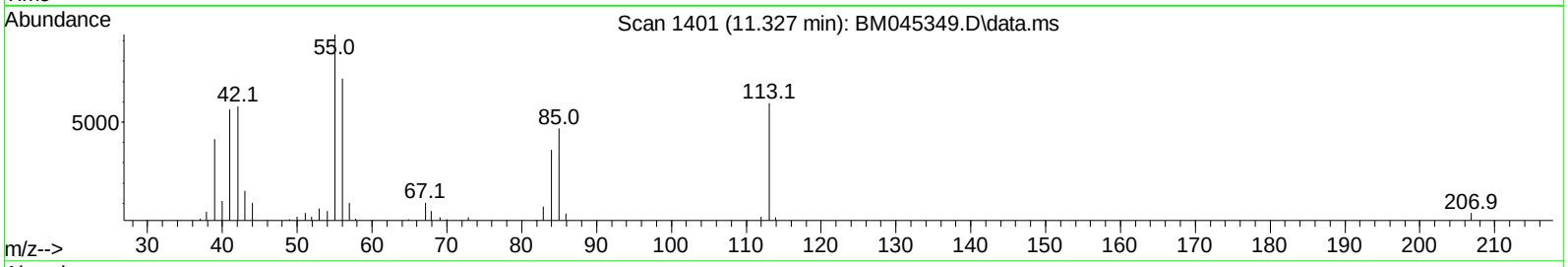

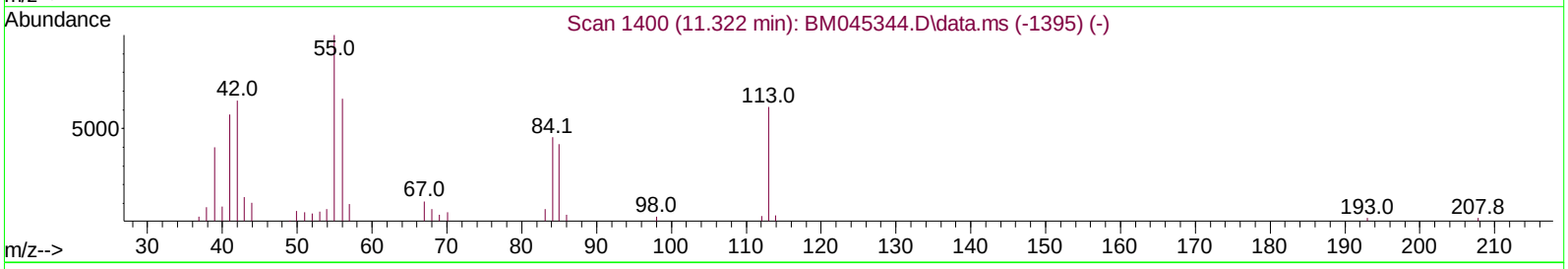

TIC: BM045349.D\data.ms

(34) Caprolactam

11.327min (-0.018) 28.09 ng/ul m

response 23921

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	157.42
56.00	114.80	120.52
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
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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	7.569	152	41464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	167961	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.221	164	100341	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.980	188	203864	20.000	ng/ul	0.00
79) Chrysene-d12	21.197	240	207904	20.000	ng/ul	0.00
88) Perylene-d12	23.397	264	275701	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	7948	7.158	ng/uL	0.00
4) Pyridine-d5	3.563	84	80349	26.610	ng/ul	0.00
7) Phenol-d5	6.751	99	102157	29.062	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	61949	29.580	ng/ul	0.00
11) 2-Chlorophenol-d4	7.104	132	83927	30.476	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	80632	29.305	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	41063	31.828	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.439	143	44483	32.666	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	77886	31.195	ng/ul	0.00
31) 4-Chloroaniline-d4	10.498	131	106442	26.778	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	220789	31.602	ng/ul	0.00
49) Acenaphthylene-d8	13.910	160	260217	31.528	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	38455	26.374	ng/ul	-0.01
60) Fluorene-d10	15.221	176	186407	29.928	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.368	200	33205	27.470	ng/ul	-0.01
73) Anthracene-d10	17.080	188	276580	30.159	ng/ul	0.00
81) Pyrene-d10	19.392	212	330753	32.309	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.256	264	434341	32.294	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	11002	9.487	ng/uL#	89
5) Pyridine	3.581	79	81255	25.396	ng/ul	96
6) Benzaldehyde	6.739	77	60893	37.369	ng/ul	96
8) Phenol	6.781	94	102611	28.189	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.022	93	78116	27.497	ng/ul	98
12) 2-Chlorophenol	7.134	128	85457	29.573	ng/ul	97
13) 2-Methylphenol	8.016	108	73156	27.228	ng/ul	92
14) 2,2'-oxybis(1-Chloropr...	8.092	45	92291	27.238	ng/ul	96
16) Acetophenone	8.398	105	124796	27.898	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.381	70	61966	29.339	ng/ul#	93
18) 4-Methylphenol	8.345	108	82368	28.442	ng/ul	97
19) Hexachloroethane	8.616	117	40138	31.581	ng/ul	93
22) Nitrobenzene	8.775	77	99521	31.441	ng/ul	96
23) Isophorone	9.292	82	173096	29.764	ng/ul	99
25) 2-Nitrophenol	9.475	139	47102	31.164	ng/ul#	87
26) 2,4-Dimethylphenol	9.533	107	69135	23.726	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.780	93	102457	29.718	ng/ul	98
29) 2,4-Dichlorophenol	9.998	162	79516	31.523	ng/ul	97
30) Naphthalene	10.386	128	252695	28.420	ng/ul	99
32) 4-Chloroaniline	10.522	127	97249	25.143	ng/ul	100
33) Hexachlorobutadiene	10.651	225	45356	28.919	ng/ul	98
34) Caprolactam	11.327	113	23921m	28.089	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	76814	30.633	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.010	142	167948	28.929	ng/ul	97
37) 1-Methylnaphthalene	12.233	142	172877	29.427	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.380	216	84638	30.843	ng/ul	98
40) Hexachlorocyclopentadiene	12.345	237	39143	23.563	ng/ul	97
41) 2,4,6-Trichlorophenol	12.639	196	57547	32.148	ng/ul	98
42) 2,4,5-Trichlorophenol	12.716	196	62262	31.567	ng/ul	98
43) 1,1'-Biphenyl	13.045	154	219376	30.961	ng/ul	98
44) 2-Chloronaphthalene	13.086	162	173719	30.177	ng/ul	98
45) 2-Nitroaniline	13.316	65	53606	33.735	ng/ul	92
47) Dimethylphthalate	13.698	163	215090	29.455	ng/ul	99
48) 2,6-Dinitrotoluene	13.827	165	43756	30.571	ng/ul#	84
50) Acenaphthylene	13.939	152	277923	28.831	ng/ul	99
51) 3-Nitroaniline	14.163	138	44383	28.428	ng/ul	91
52) Acenaphthene	14.286	153	188071	29.238	ng/ul	97
53) 2,4-Dinitrophenol	14.380	184	22519	26.463	ng/ul#	82
55) 4-Nitrophenol	14.474	109	35716	27.853	ng/ul#	82
56) Dibenzofuran	14.627	168	254639	28.929	ng/ul	98
57) 2,4-Dinitrotoluene	14.621	165	62400	29.125	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.857	232	50409	29.862	ng/ul	97
59) Diethylphthalate	15.074	149	221339	29.710	ng/ul	98
61) Fluorene	15.280	166	208764	28.140	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.280	204	94226	27.098	ng/ul	95
63) 4-Nitroaniline	15.339	138	44599	31.420	ng/ul#	85
66) 4,6-Dinitro-2-methylph...	15.386	198	35753	27.619	ng/ul	98
67) N-Nitrosodiphenylamine	15.504	169	172958	31.450	ng/ul	98
68) 4-Bromophenyl-phenylether	16.180	248	59817	30.127	ng/ul	98
69) Hexachlorobenzene	16.274	284	75966	29.413	ng/ul	95
70) Atrazine	16.474	200	58595	28.965	ng/ul	98
71) Pentachlorophenol	16.633	266	45378	28.924	ng/ul	97
72) Phenanthrene	17.027	178	321672	29.321	ng/ul	98
74) Anthracene	17.115	178	318245	28.358	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.998	216	81737	31.811	ng/uL	99
76) Pentachlorobenzene	14.533	250	82930	30.334	ng/uL	98
77) Carbazole	17.404	167	310033	28.651	ng/ul	100
78) Di-n-butylphthalate	17.968	149	382745	31.364	ng/ul#	98
80) Fluoranthene	19.056	202	381373	31.585	ng/ul	99
82) Pyrene	19.421	202	407062	31.241	ng/ul	99
83) Butylbenzylphthalate	20.345	149	187064	34.267	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.127	252	138747	30.014	ng/ul	97
85) Benzo(a)anthracene	21.180	228	419464	29.735	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.127	149	281197	32.953	ng/ul	96
87) Chrysene	21.233	228	395407	30.068	ng/ul	98
89) Di-n-octyl phthalate	22.003	149	501429	28.907	ng/ul	100
90) Benzo(b)fluoranthene	22.738	252	492132	30.626	ng/ul	98
91) Benzo(k)fluoranthene	22.786	252	466316	28.832	ng/ul	100
93) Benzo(a)pyrene	23.297	252	421330	26.941	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.591	276	667304	32.940	ng/ul	100
95) Dibenzo(a,h)anthracene	25.603	278	545578	32.212	ng/ul	98
96) Benzo(g,h,i)perylene	26.256	276	523119	32.733	ng/ul	99

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

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