Quantitation Report (Qedit)

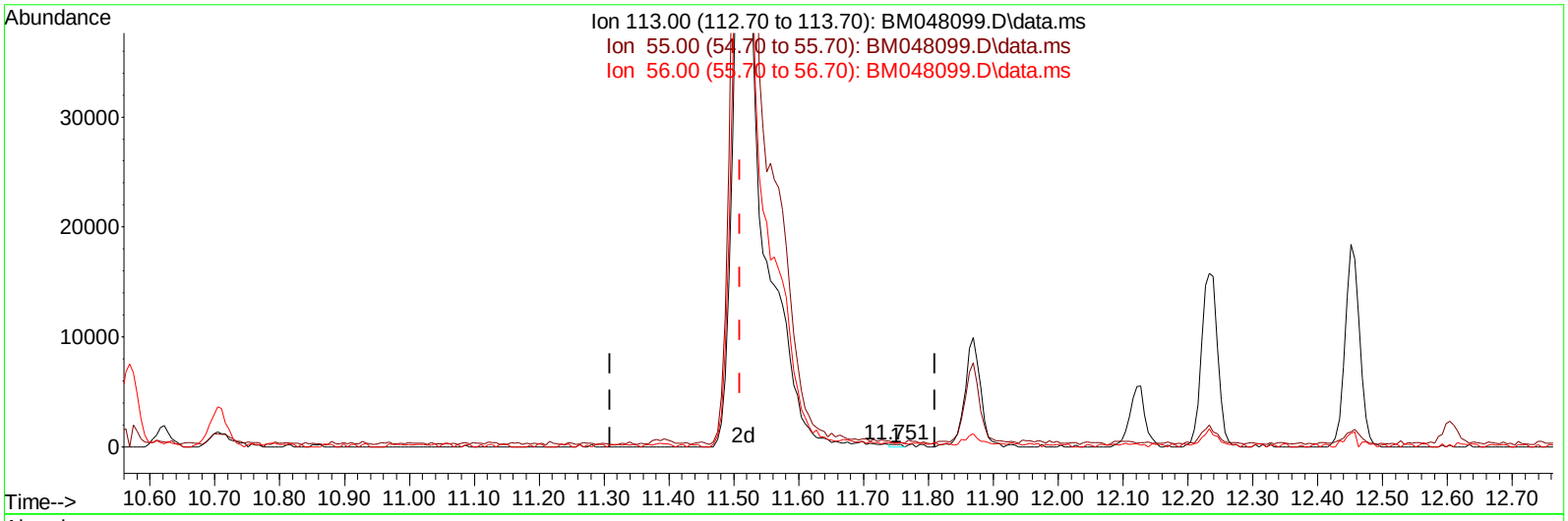
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048099.D
Acq On : 16 Oct 2024 22:27
Operator : RC/JU
Sample : PB163982BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

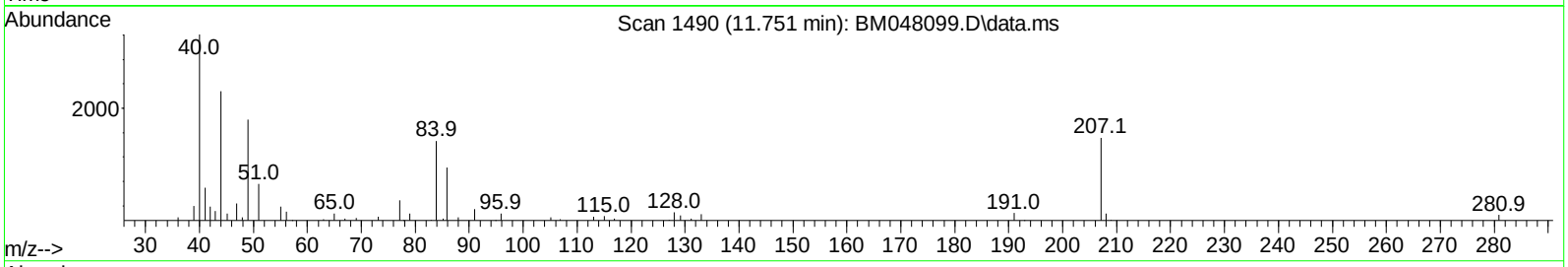
Quant Time: Oct 16 23:06:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

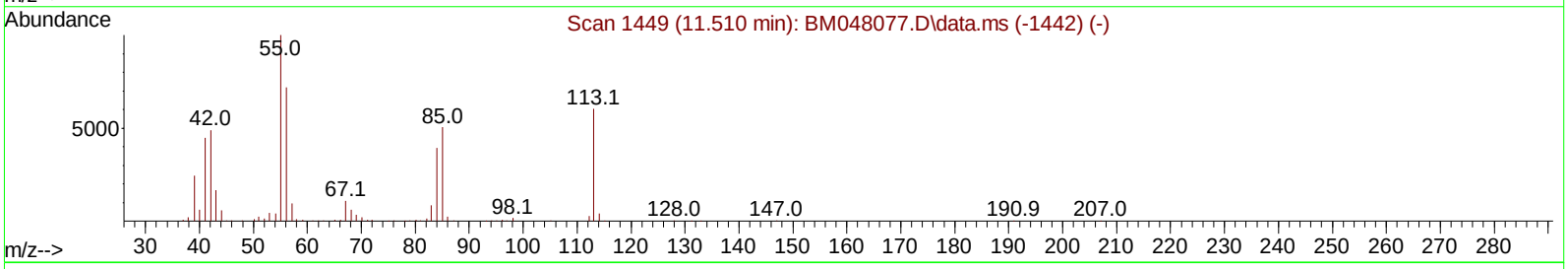
Instrument :
BNA_M
ClientSampleId :
SLCS982

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/17/2024







TIC: BM048099.D\data.ms

(34) Caprolactam

11.751min (+ 0.241) 0.03 ng/ul

response 219

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	174.11
56.00	164.10	134.38
0.00	0.00	0.00

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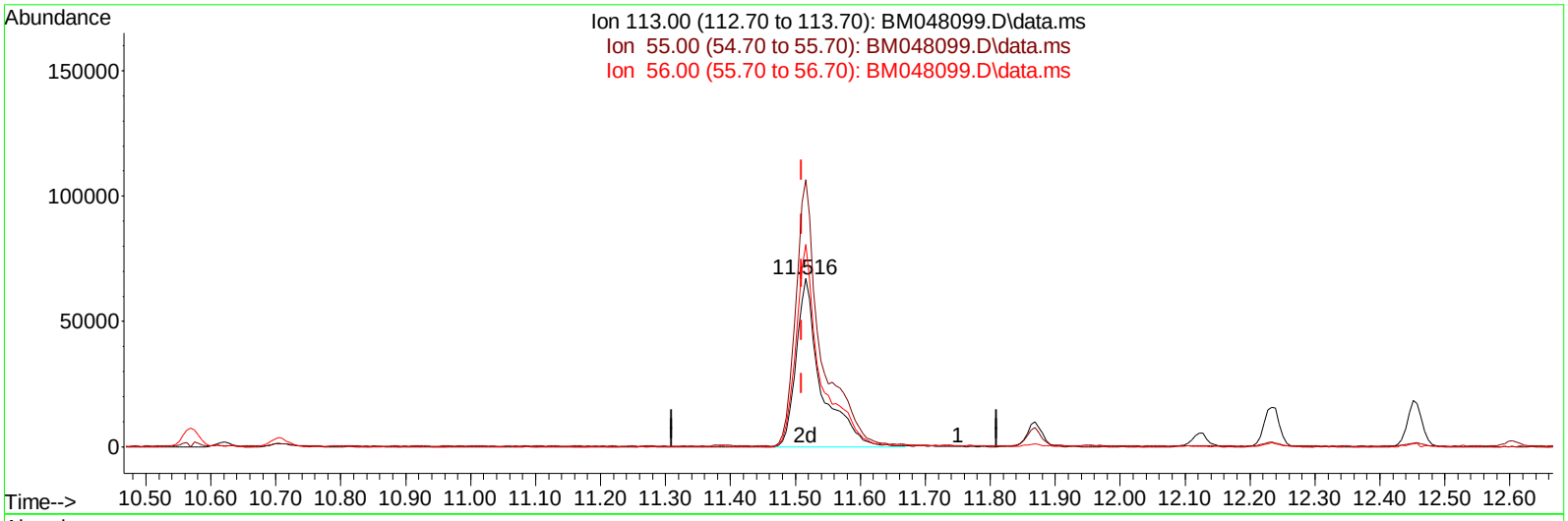

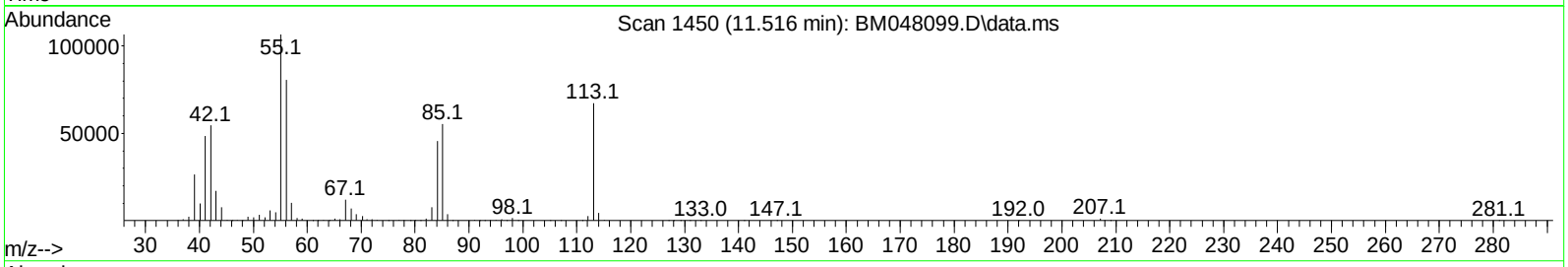

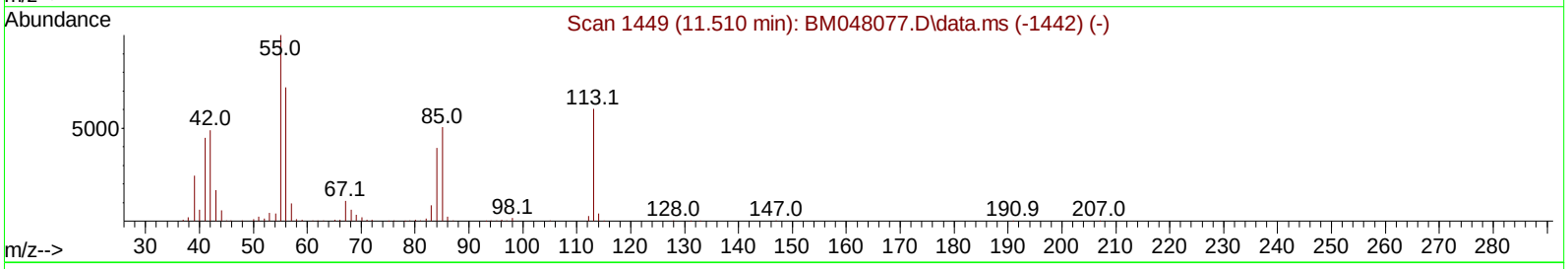

TIC: BM048099.D\data.ms

(34) Caprolactam

11.516min (+ 0.006) 27.93 ng/ul m

response 179291

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	209.90	158.65#
56.00	164.10	120.10#
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	7.775	152	297992	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.569	136	1275223	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.416	164	792515	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.157	188	1524570	20.000	ng/ul	0.00
79) Chrysene-d12	21.386	240	1278912	20.000	ng/ul	0.00
88) Perylene-d12	24.380	264	1444640	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	36444	3.952	ng/uL	0.00
4) Pyridine-d5	3.652	84	525627	19.468	ng/ul	0.00
7) Phenol-d5	6.957	99	671358	23.826	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	394669	19.738	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	579697	28.276	ng/ul	0.00
15) 4-Methylphenol-d8	8.492	113	540433	25.796	ng/ul	0.00
21) Nitrobenzene-d5	8.934	128	284072	27.978	ng/ul	0.00
24) 2-Nitrophenol-d4	9.657	143	319027	32.788	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	557890	28.702	ng/ul	0.00
31) 4-Chloroaniline-d4	10.704	131	723662	24.082	ng/ul	-0.01
46) Dimethylphthalate-d6	13.827	166	1494688	26.014	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	1773598	26.034	ng/ul	0.00
54) 4-Nitrophenol-d4	14.633	143	280239	24.497	ng/ul	0.01
60) Fluorene-d10	15.410	176	1273204	25.582	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	181721	20.369	ng/ul	0.00
73) Anthracene-d10	17.256	188	1892994	25.252	ng/ul	0.00
81) Pyrene-d10	19.545	212	2120735	29.217	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.180	264	2055780	27.427	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	75529	7.499	ng/uL#	86
5) Pyridine	3.669	79	541868	19.064	ng/ul	88
6) Benzaldehyde	6.922	77	337222	22.006	ng/ul	86
8) Phenol	6.981	94	707875	23.610	ng/ul#	89
10) Bis(2-Chloroethyl)ether	7.204	93	553674	23.175	ng/ul	86
12) 2-Chlorophenol	7.345	128	594425	27.369	ng/ul#	89
13) 2-Methylphenol	8.228	108	535976	25.637	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.298	45	790686	17.581	ng/ul#	93
16) Acetophenone	8.598	105	844214	23.550	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.586	70	405711	21.368	ng/ul#	84
18) 4-Methylphenol	8.557	108	592174	25.205	ng/ul	97
19) Hexachloroethane	8.857	117	233676	23.936	ng/ul	84
22) Nitrobenzene	8.975	77	616533	21.376	ng/ul#	89
23) Isophorone	9.504	82	1193153	23.125	ng/ul#	94
25) 2-Nitrophenol	9.686	139	341483	30.678	ng/ul#	84
26) 2,4-Dimethylphenol	9.751	107	505734	21.204	ng/ul	93
27) Bis(2-Chloroethoxy)met...	9.980	93	737249	23.362	ng/ul	97
29) 2,4-Dichlorophenol	10.228	162	564666	28.134	ng/ul	97
30) Naphthalene	10.622	128	1865363	25.430	ng/ul	100
32) 4-Chloroaniline	10.733	127	621059	20.990	ng/ul	100
33) Hexachlorobutadiene	10.904	225	360632	27.195	ng/ul	98
34) Caprolactam	11.516	113	179291m	27.932	ng/ul	
35) 4-Chloro-3-methylphenol	11.869	107	560736	26.990	ng/ul	94

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.233	142	1245969	26.734	ng/ul	97
37)	1-Methylnaphthalene	12.451	142	1242989	26.213	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.604	216	662770	25.690	ng/ul#	95
40)	Hexachlorocyclopentadiene	12.586	237	209673	13.437	ng/ul	99
41)	2,4,6-Trichlorophenol	12.851	196	432215	28.956	ng/ul	99
42)	2,4,5-Trichlorophenol	12.927	196	463699	28.408	ng/ul	96
43)	1,1'-Biphenyl	13.245	154	1594067	25.122	ng/ul#	97
44)	2-Chloronaphthalene	13.292	162	1262688	25.730	ng/ul	96
45)	2-Nitroaniline	13.498	65	342965	22.015	ng/ul#	70
47)	Dimethylphthalate	13.874	163	1518529	26.096	ng/ul	99
48)	2,6-Dinitrotoluene	13.992	165	317849	31.102	ng/ul#	79
50)	Acenaphthylene	14.139	152	1969019	25.629	ng/ul	99
51)	3-Nitroaniline	14.321	138	342444	27.687	ng/ul	83
52)	Acenaphthene	14.480	153	1314279	24.200	ng/ul	98
53)	2,4-Dinitrophenol	14.539	184	117362	18.585	ng/ul#	70
55)	4-Nitrophenol	14.645	109	194915	20.293	ng/ul	83
56)	Dibenzofuran	14.815	168	1838058	25.143	ng/ul	96
57)	2,4-Dinitrotoluene	14.786	165	447989	29.187	ng/ul#	74
58)	2,3,4,6-Tetrachlorophenol	15.045	232	367390	28.554	ng/ul#	96
59)	Diethylphthalate	15.239	149	1500656	25.775	ng/ul	98
61)	Fluorene	15.463	166	1428576	23.423	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.457	204	714617	24.796	ng/ul	95
63)	4-Nitroaniline	15.486	138	350055	29.141	ng/ul	90
66)	4,6-Dinitro-2-methylph...	15.551	198	200338	20.265	ng/ul#	84
67)	N-Nitrosodiphenylamine	15.674	169	1222694	25.737	ng/ul	99
68)	4-Bromophenyl-phenylether	16.351	248	448481	28.538	ng/ul	95
69)	Hexachlorobenzene	16.468	284	525689	28.745	ng/ul	92
70)	Atrazine	16.621	200	298419	18.870	ng/ul	98
71)	Pentachlorophenol	16.815	266	317746	27.324	ng/ul	99
72)	Phenanthrene	17.198	178	2215131	24.776	ng/ul	99
74)	Anthracene	17.292	178	2223400	24.382	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.216	216	649394	25.726	ng/uL	98
76)	Pentachlorobenzene	14.739	250	614838	24.954	ng/uL	97
77)	Carbazole	17.562	167	2068202	25.022	ng/ul	98
78)	Di-n-butylphthalate	18.121	149	2642560	28.717	ng/ul#	98
80)	Fluoranthene	19.215	202	2517410	29.448	ng/ul	98
82)	Pyrene	19.574	202	2645274	27.802	ng/ul	98
83)	Butylbenzylphthalate	20.468	149	1196617	35.574	ng/ul#	83
84)	3,3'-Dichlorobenzidine	21.292	252	752000	27.827	ng/ul	99
85)	Benzo(a)anthracene	21.368	228	2489255	27.799	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.286	149	1690807	33.480	ng/ul#	96
87)	Chrysene	21.433	228	2345998	26.874	ng/ul	99
89)	Di-n-octyl phthalate	22.409	149	3026671	32.482	ng/ul	100
90)	Benzo(b)fluoranthene	23.438	252	2508500	27.844	ng/ul	99
91)	Benzo(k)fluoranthene	23.497	252	2410174	26.163	ng/ul	99
93)	Benzo(a)pyrene	24.244	252	2224400	25.998	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	27.768	276	2945486	26.863	ng/ul	99
95)	Dibenzo(a,h)anthracene	27.815	278	2399856	26.707	ng/ul	98
96)	Benzo(g,h,i)perylene	28.826	276	2302684	26.804	ng/ul	98

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

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