Quantitation Report (Qedit)

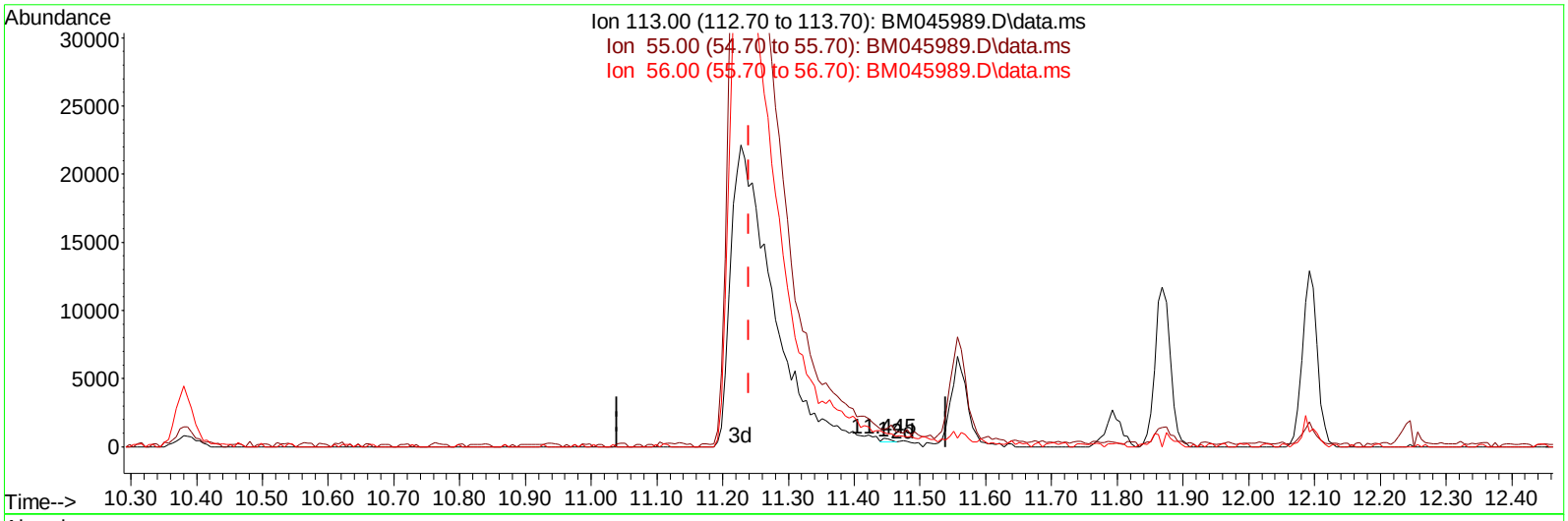
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061124\
Data File : BM045989.D
Acq On : 11 Jun 2024 23:36
Operator : MA/JU
Sample : PB161248BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

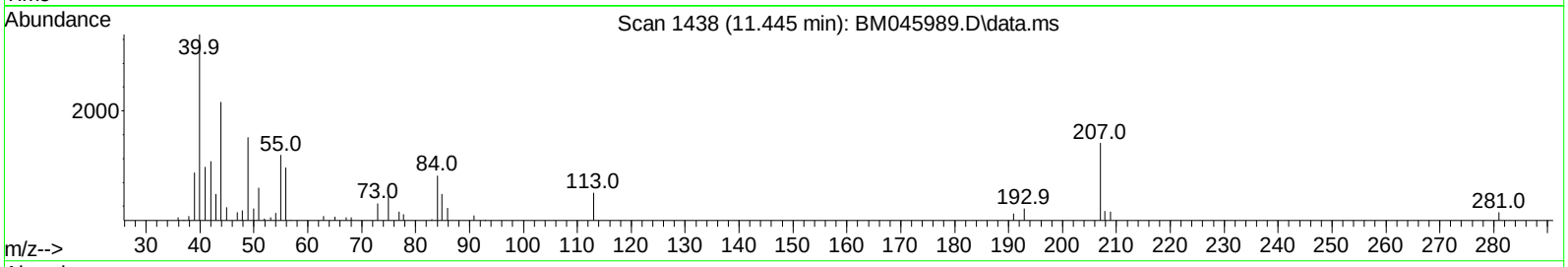
Quant Time: Jun 12 00:23:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 16:01:34 2024
Response via : Initial Calibration

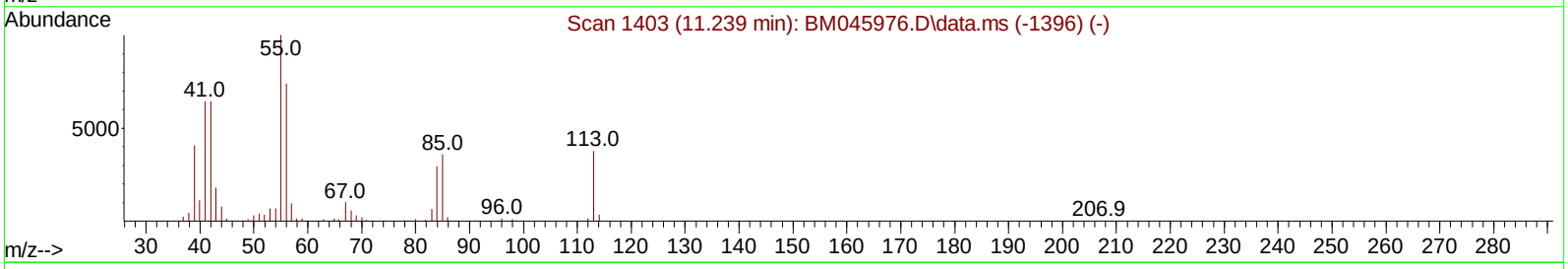
Instrument :
BNA_M
ClientSampleId :
SLCS248

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/13/2024







TIC: BM045989.D\data.ms

(34) Caprolactam

11.445min (+ 0.206) 0.11 ng/ul

response 239

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	201.28
56.00	162.60	167.36
0.00	0.00	0.00

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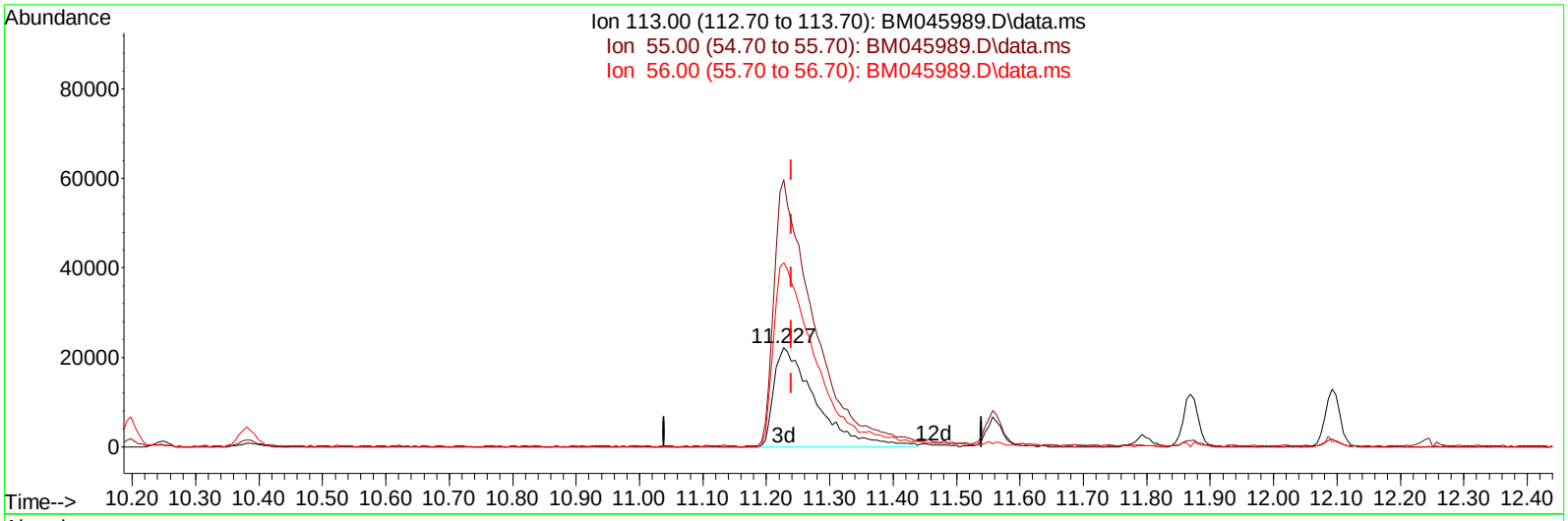

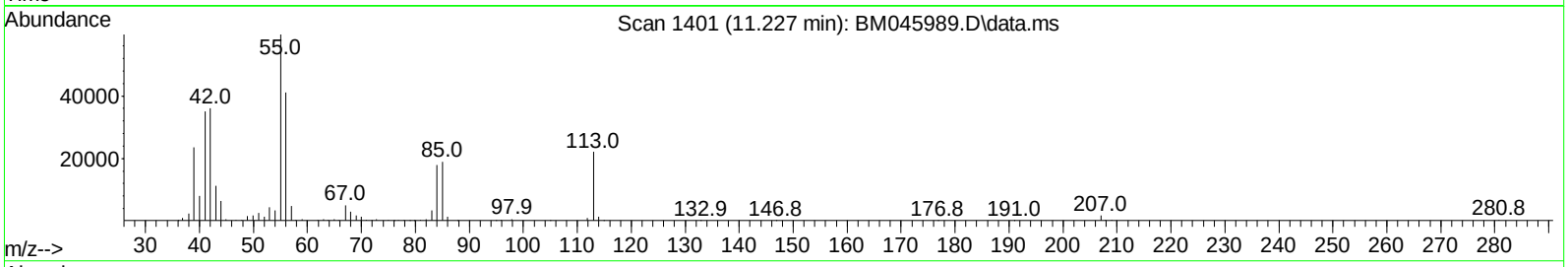

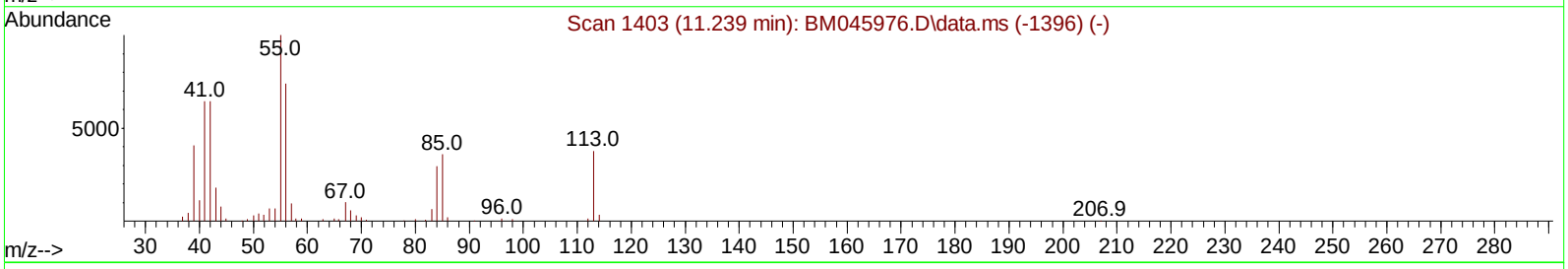

TIC: BM045989.D\data.ms

(34) Caprolactam

11.227min (-0.012) 46.54 ng/ul m

response 100937

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	269.91#
56.00	162.60	186.00
0.00	0.00	0.00

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Operator : MA/JU
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Misc :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	112919	20.000	ng/ul	0.00
20) Naphthalene-d8	10.198	136	520837	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.080	164	354086	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.827	188	768938	20.000	ng/ul	0.00
79) Chrysene-d12	21.039	240	782336	20.000	ng/ul	0.00
88) Perylene-d12	23.744	264	829579	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.040	96	15789	5.421	ng/uL	0.00
4) Pyridine-d5	3.446	84	242480	32.334	ng/ul	0.00
7) Phenol-d5	6.692	99	357802	37.299	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	240189	34.869	ng/ul	0.00
11) 2-Chlorophenol-d4	6.998	132	269375	37.593	ng/ul	0.00
15) 4-Methylphenol-d8	8.204	113	283141	39.068	ng/ul	0.00
21) Nitrobenzene-d5	8.598	128	141336	34.707	ng/ul	0.00
24) 2-Nitrophenol-d4	9.310	143	144009	34.941	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.857	165	286482	37.067	ng/ul	0.00
31) 4-Chloroaniline-d4	10.380	131	381139	35.632	ng/ul	0.00
46) Dimethylphthalate-d6	13.527	166	859049	35.044	ng/ul	0.00
49) Acenaphthylene-d8	13.768	160	980332	34.439	ng/ul	0.00
54) 4-Nitrophenol-d4	14.380	143	215749	40.782	ng/ul	0.00
60) Fluorene-d10	15.080	176	733984	35.098	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	136269	34.704	ng/ul	0.00
73) Anthracene-d10	16.927	188	1160680	34.722	ng/ul	0.00
81) Pyrene-d10	19.227	212	1424052	29.270	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.562	264	1403844	36.207	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.069	88	37962	11.776	ng/uL#	81
5) Pyridine	3.457	79	266678	34.626	ng/ul	92
6) Benzaldehyde	6.610	77	221314	49.051	ng/ul	94
8) Phenol	6.716	94	376985	37.893	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.892	93	279696	33.682	ng/ul	94
12) 2-Chlorophenol	7.028	128	278901	36.946	ng/ul	97
13) 2-Methylphenol	7.934	108	275074	37.760	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	7.981	45	624566	38.187	ng/ul	98
16) Acetophenone	8.269	105	468722	38.806	ng/ul#	90
17) N-Nitroso-di-n-propyla...	8.263	70	269338	40.353	ng/ul	86
18) 4-Methylphenol	8.263	108	310611	41.206	ng/ul	97
19) Hexachloroethane	8.498	117	119549	32.972	ng/ul	98
22) Nitrobenzene	8.639	77	400680	35.157	ng/ul	99
23) Isophorone	9.169	82	738030	36.649	ng/ul	98
25) 2-Nitrophenol	9.339	139	164879	36.597	ng/ul	96
26) 2,4-Dimethylphenol	9.439	107	295018	32.278	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.651	93	401445	32.835	ng/ul	99
29) 2,4-Dichlorophenol	9.880	162	287645	37.356	ng/ul	97
30) Naphthalene	10.245	128	925982	33.341	ng/ul	99
32) 4-Chloroaniline	10.404	127	341328	32.645	ng/ul	99
33) Hexachlorobutadiene	10.539	225	165363	31.349	ng/ul	97
34) Caprolactam	11.227	113	100937m	46.542	ng/ul	
35) 4-Chloro-3-methylphenol	11.557	107	333806	39.958	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.869	142	638683	34.723	ng/ul	97
37) 1-Methylnaphthalene	12.092	142	656259	35.686	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.245	216	342815	32.327	ng/ul	97
40) Hexachlorocyclopentadiene	12.233	237	140900	21.892	ng/ul	99
41) 2,4,6-Trichlorophenol	12.516	196	223365	36.203	ng/ul	98
42) 2,4,5-Trichlorophenol	12.604	196	245200	36.623	ng/ul	100
43) 1,1'-Biphenyl	12.910	154	850215	32.364	ng/ul	99
44) 2-Chloronaphthalene	12.939	162	661833	32.149	ng/ul	98
45) 2-Nitroaniline	13.192	65	292223	41.569	ng/ul	96
47) Dimethylphthalate	13.574	163	853777	34.301	ng/ul	98
48) 2,6-Dinitrotoluene	13.680	165	176993	36.963	ng/ul	90
50) Acenaphthylene	13.798	152	1110321	33.702	ng/ul	99
51) 3-Nitroaniline	14.027	138	189537	43.106	ng/ul	95
52) Acenaphthene	14.145	153	736251	33.489	ng/ul	99
53) 2,4-Dinitrophenol	14.221	184	84803	38.896	ng/ul	88
55) 4-Nitrophenol	14.392	109	205494	47.081	ng/ul	94
56) Dibenzofuran	14.480	168	1041414	35.127	ng/ul	99
57) 2,4-Dinitrotoluene	14.480	165	270970	40.903	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	14.733	232	209272	41.368	ng/ul	96
59) Diethylphthalate	14.945	149	890667	35.736	ng/ul	99
61) Fluorene	15.133	166	875642	36.656	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.139	204	410288	34.603	ng/ul	99
63) 4-Nitroaniline	15.210	138	201555	55.204	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.239	198	147234	34.165	ng/ul	92
67) N-Nitrosodiphenylamine	15.362	169	714840	32.805	ng/ul	99
68) 4-Bromophenyl-phenylether	16.033	248	248620	31.012	ng/ul	95
69) Hexachlorobenzene	16.133	284	287325	32.408	ng/ul	97
70) Atrazine	16.333	200	210063	31.802	ng/ul	98
71) Pentachlorophenol	16.504	266	176133	39.153	ng/ul	99
72) Phenanthrene	16.868	178	1398338	34.513	ng/ul	100
74) Anthracene	16.962	178	1379415	34.085	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.863	216	337232	28.279	ng/uL	100
76) Pentachlorobenzene	14.398	250	343887	30.831	ng/uL	100
77) Carbazole	17.251	167	1313035	38.025	ng/ul	99
78) Di-n-butylphthalate	17.821	149	1578179	34.753	ng/ul	99
80) Fluoranthene	18.892	202	1697755	28.785	ng/ul	99
82) Pyrene	19.256	202	1821436	30.057	ng/ul	100
83) Butylbenzylphthalate	20.186	149	773795	31.331	ng/ul	96
84) 3,3'-Dichlorobenzidine	20.974	252	567507	36.724	ng/ul	99
85) Benzo(a)anthracene	21.027	228	1796659	33.260	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.974	149	1163859	31.718	ng/ul	99
87) Chrysene	21.080	228	1698954	33.998	ng/ul	99
89) Di-n-octyl phthalate	21.997	149	2025803	31.930	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	1763561	34.592	ng/ul	99
91) Benzo(k)fluoranthene	22.956	252	1738634	34.916	ng/ul	99
93) Benzo(a)pyrene	23.615	252	1449284	32.351	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.726	276	1770079	36.181	ng/ul	99
95) Dibenzo(a,h)anthracene	26.773	278	1447114	37.398	ng/ul	100
96) Benzo(g,h,i)perylene	27.650	276	1337821	31.048	ng/ul	99

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

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