Quantitation Report (Qedit)

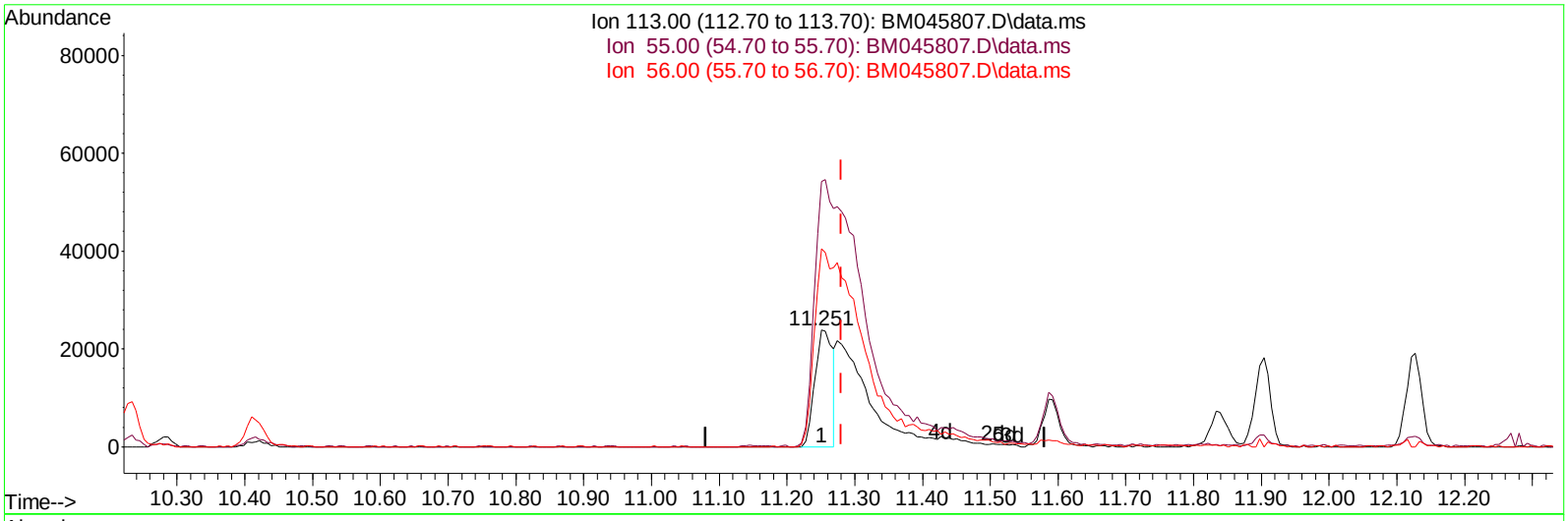
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060324\
Data File : BM045807.D
Acq On : 03 Jun 2024 16:28
Operator : MA/JU
Sample : PB161265BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

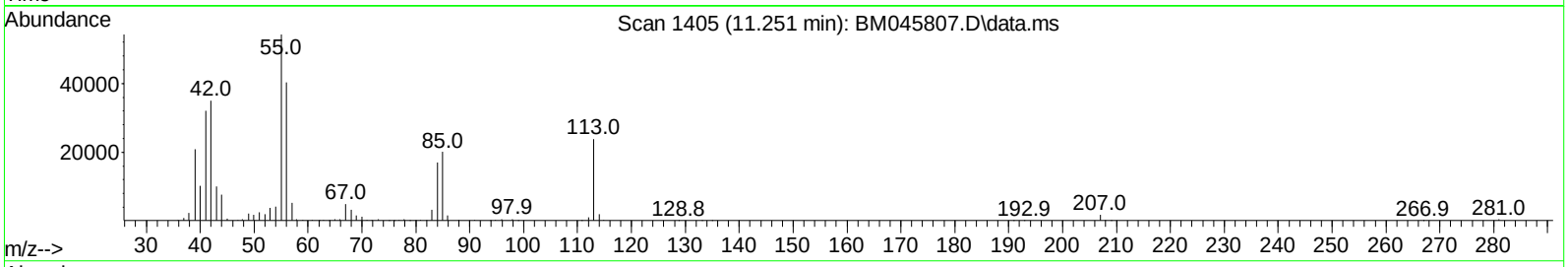
Quant Time: Jun 03 17:08:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

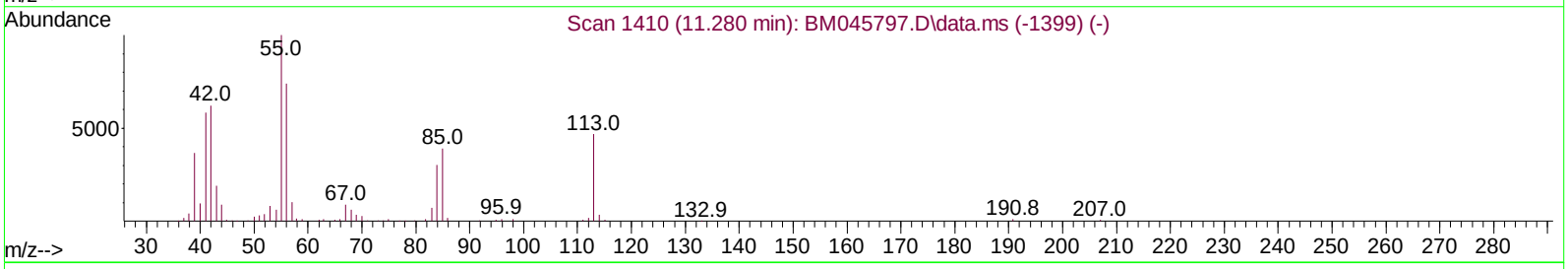
Instrument :
BNA_M
ClientSampleId :
SLCS265

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024







TIC: BM045807.D\data.ms

(34) Caprolactam

11.251min (-0.030) 12.30 ng/ul

response 43857

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	227.25
56.00	162.60	169.24
0.00	0.00	0.00

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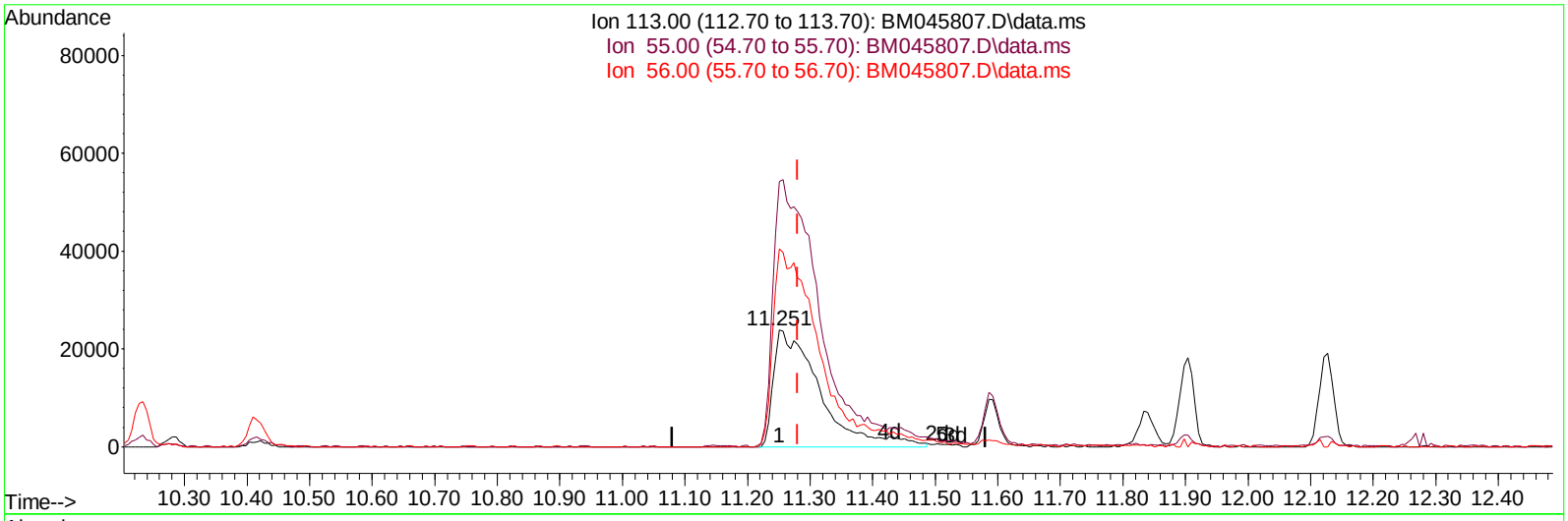

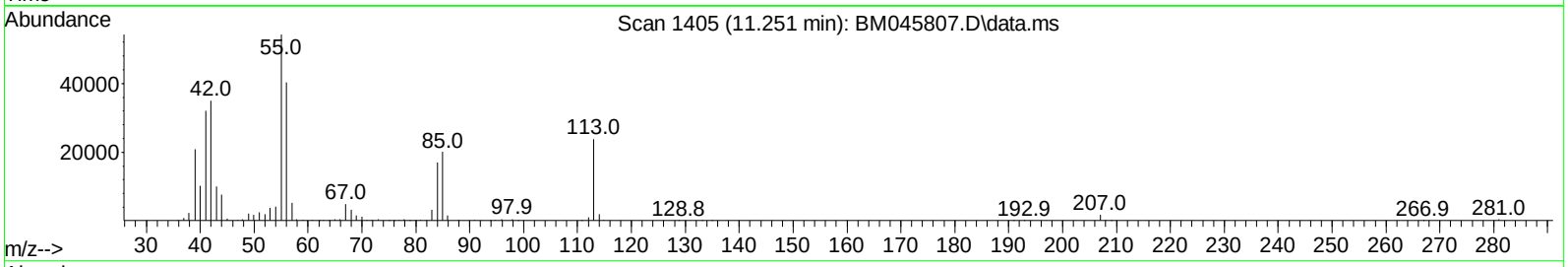

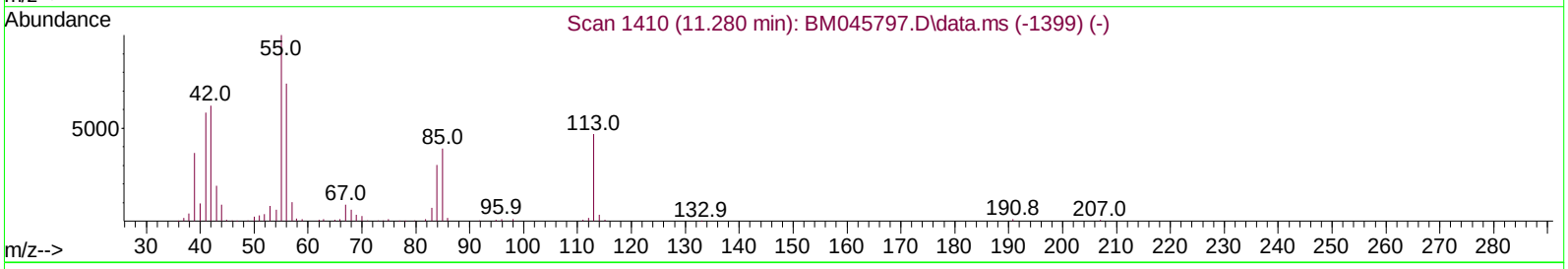

TIC: BM045807.D\data.ms

(34) Caprolactam

11.251min (-0.030) 34.14 ng/ul m

response 121693

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	227.25
56.00	162.60	169.24
0.00	0.00	0.00

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Acq On : 03 Jun 2024 16:28
Operator : MA/JU
Sample : PB161265BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 03 17:09:21 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 :
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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	7.469	152	206298	20.000	ng/ul	0.00
20) Naphthalene-d8	10.233	136	856011	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	532979	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.856	188	992242	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	747961	20.000	ng/ul	0.00
88) Perylene-d12	23.785	264	791516	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.051	96	31796	5.976	ng/uL	0.00
4) Pyridine-d5	3.463	84	426453	31.127	ng/ul	0.00
7) Phenol-d5	6.722	99	578210	32.992	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	422450	33.569	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	453460	34.639	ng/ul	0.00
15) 4-Methylphenol-d8	8.233	113	452654	34.187	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	224131	33.488	ng/ul	0.00
24) 2-Nitrophenol-d4	9.339	143	224288	33.112	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	432584	34.056	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	556595	31.661	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1201647	32.567	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160	1411234	32.937	ng/ul	0.00
54) 4-Nitrophenol-d4	14.404	143	254980	32.020	ng/ul	0.00
60) Fluorene-d10	15.110	176	1028480	32.673	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.251	200	98974	19.534	ng/ul	0.00
73) Anthracene-d10	16.956	188	1466866	34.006	ng/ul	0.00
81) Pyrene-d10	19.256	212	1544514	33.205	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.603	264	1272689	34.403	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	74459	12.643	ng/uL#	92
5) Pyridine	3.475	79	474681	33.736	ng/ul	97
6) Benzaldehyde	6.639	77	372550	45.195	ng/ul	95
8) Phenol	6.745	94	616081	33.896	ng/ul	94
10) Bis(2-Chloroethyl)ether	6.922	93	488432	32.195	ng/ul	98
12) 2-Chlorophenol	7.063	128	471919	34.218	ng/ul	100
13) 2-Methylphenol	7.963	108	441868	33.200	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.004	45	1009853	33.796	ng/ul	99
16) Acetophenone	8.304	105	759857	34.434	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.292	70	427738	35.078	ng/ul	95
18) 4-Methylphenol	8.298	108	486556	35.330	ng/ul	98
19) Hexachloroethane	8.533	117	215341	32.509	ng/ul	93
22) Nitrobenzene	8.669	77	635985	33.954	ng/ul	98
23) Isophorone	9.198	82	1116423	33.732	ng/ul	99
25) 2-Nitrophenol	9.375	139	255301	34.479	ng/ul	99
26) 2,4-Dimethylphenol	9.475	107	511699	34.064	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.680	93	667067	33.198	ng/ul	99
29) 2,4-Dichlorophenol	9.916	162	440065	34.773	ng/ul	98
30) Naphthalene	10.280	128	1501621	32.897	ng/ul	100
32) 4-Chloroaniline	10.439	127	489123	28.463	ng/ul	97
33) Hexachlorobutadiene	10.575	225	271993	31.374	ng/ul	99
34) Caprolactam	11.251	113	121693m	34.142	ng/ul	
35) 4-Chloro-3-methylphenol	11.592	107	486669	35.446	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.904	142	1021088	33.776	ng/ul	100
37) 1-Methylnaphthalene	12.127	142	1031045	34.113	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.274	216	520226	32.591	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	268131	27.678	ng/ul	99
41) 2,4,6-Trichlorophenol	12.545	196	311773	33.571	ng/ul	97
42) 2,4,5-Trichlorophenol	12.633	196	334497	33.191	ng/ul	99
43) 1,1'-Biphenyl	12.939	154	1300450	32.887	ng/ul	99
44) 2-Chloronaphthalene	12.974	162	994371	32.090	ng/ul	98
45) 2-Nitroaniline	13.221	65	376255	35.558	ng/ul	99
47) Dimethylphthalate	13.610	163	1213997	32.403	ng/ul	100
48) 2,6-Dinitrotoluene	13.710	165	236439	32.804	ng/ul	90
50) Acenaphthylene	13.827	152	1602797	32.321	ng/ul	100
51) 3-Nitroaniline	14.063	138	233793	35.325	ng/ul	97
52) Acenaphthene	14.174	153	1075648	32.505	ng/ul	98
53) 2,4-Dinitrophenol	14.245	184	35284	10.751	ng/ul	98
55) 4-Nitrophenol	14.421	109	222491	33.865	ng/ul	93
56) Dibenzofuran	14.515	168	1482396	33.218	ng/ul	99
57) 2,4-Dinitrotoluene	14.504	165	339450	34.041	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.762	232	256210	33.647	ng/ul	96
59) Diethylphthalate	14.974	149	1241311	33.088	ng/ul	99
61) Fluorene	15.162	166	1208663	33.614	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.168	204	580136	32.506	ng/ul	96
63) 4-Nitroaniline	15.233	138	217591	39.593	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.262	198	113564	20.421	ng/ul#	91
67) N-Nitrosodiphenylamine	15.392	169	989306	35.183	ng/ul	99
68) 4-Bromophenyl-phenylether	16.062	248	340385	32.903	ng/ul	98
69) Hexachlorobenzene	16.162	284	374745	32.756	ng/ul	99
70) Atrazine	16.362	200	270351	31.718	ng/ul	100
71) Pentachlorophenol	16.533	266	176415	30.390	ng/ul	99
72) Phenanthrene	16.898	178	1764261	33.745	ng/ul	99
74) Anthracene	16.986	178	1743804	33.392	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.898	216	498332	32.383	ng/uL	99
76) Pentachlorobenzene	14.427	250	479419	33.309	ng/uL	98
77) Carbazole	17.280	167	1564197	35.104	ng/ul	99
78) Di-n-butylphthalate	17.851	149	2023222	34.527	ng/ul	99
80) Fluoranthene	18.915	202	1882316	33.380	ng/ul	97
82) Pyrene	19.286	202	1969921	34.001	ng/ul	99
83) Butylbenzylphthalate	20.215	149	812243	34.400	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.003	252	503124	34.054	ng/ul	98
85) Benzo(a)anthracene	21.050	228	1696063	32.841	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	1208640	34.452	ng/ul	99
87) Chrysene	21.109	228	1592472	33.332	ng/ul	99
89) Di-n-octyl phthalate	22.038	149	1983984	32.775	ng/ul	100
90) Benzo(b)fluoranthene	22.938	252	1624091	33.388	ng/ul	100
91) Benzo(k)fluoranthene	22.997	252	1568785	33.020	ng/ul	99
93) Benzo(a)pyrene	23.662	252	1278899	29.920	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.791	276	1589761	34.058	ng/ul	98
95) Dibenzo(a,h)anthracene	26.844	278	1197378	32.432	ng/ul	99
96) Benzo(g,h,i)perylene	27.726	276	1335212	32.477	ng/ul	98

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

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