Quantitation Report (Qedit)

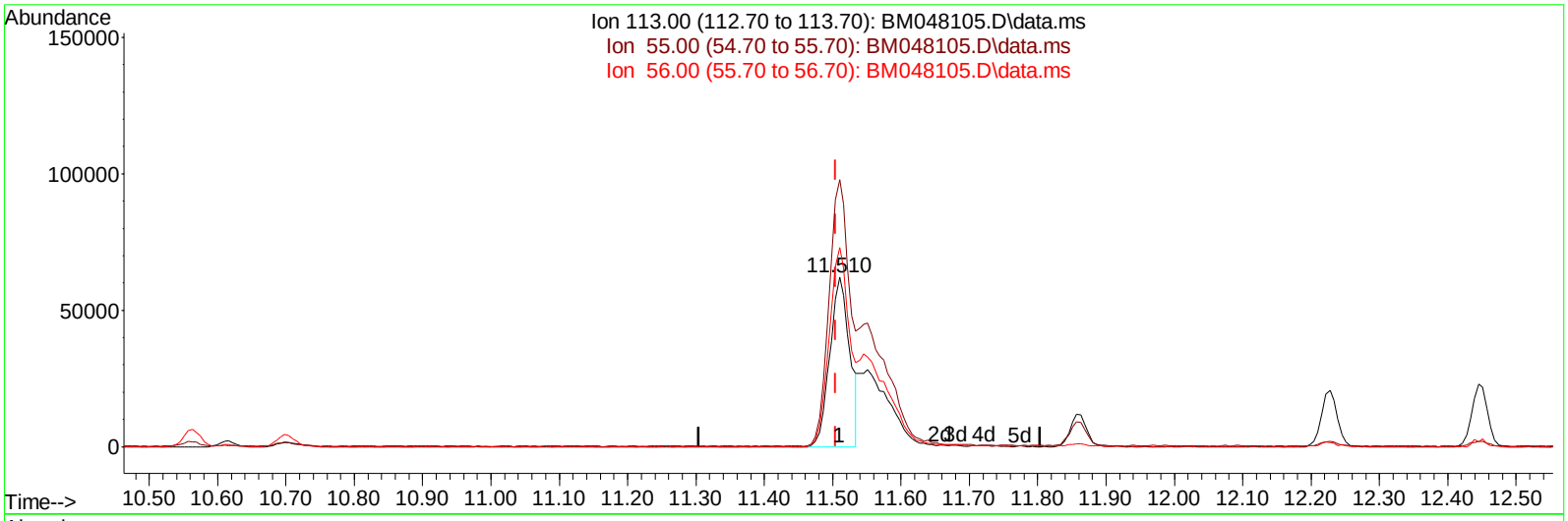
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101724\
Data File : BM048105.D
Acq On : 17 Oct 2024 13:45
Operator : RC/JU
Sample : SSTD04045
Misc :
ALS Vial : 5 Sample Multiplier: 1

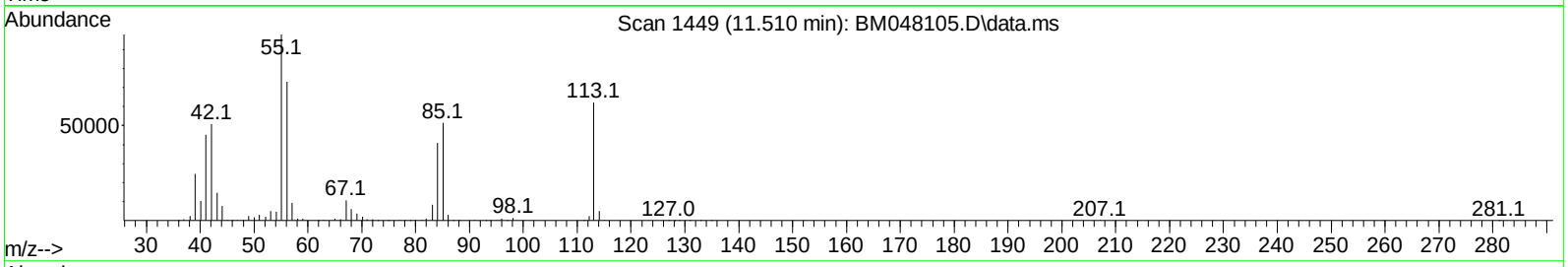
Quant Time: Oct 17 14:40:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM101724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 14:37:21 2024
Response via : Initial Calibration

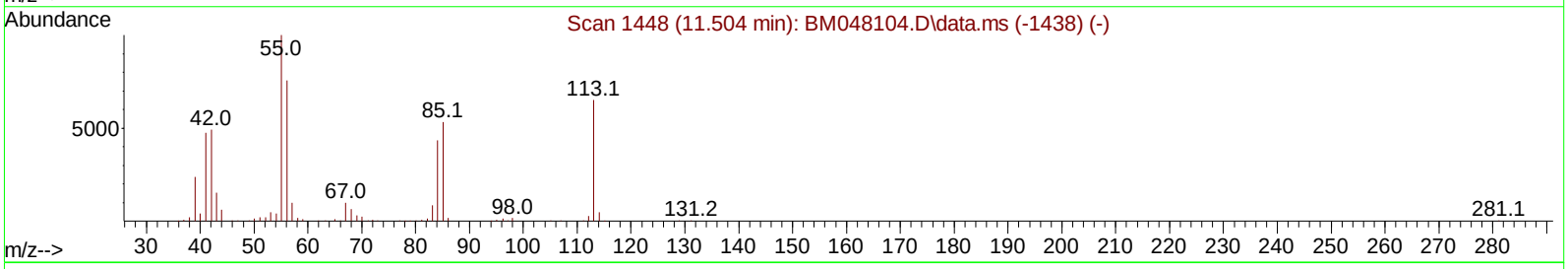
Instrument :
BNA_M
ClientSampleId :
SSTD040030

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/18/2024
Supervised By :mohammad ahmed 10/19/2024







TIC: BM048105.D\data.ms

(34) Caprolactam

11.510min (+ 0.006) 23.07 ng/ul

response 125482

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	157.37
56.00	116.10	117.34
0.00	0.00	0.00

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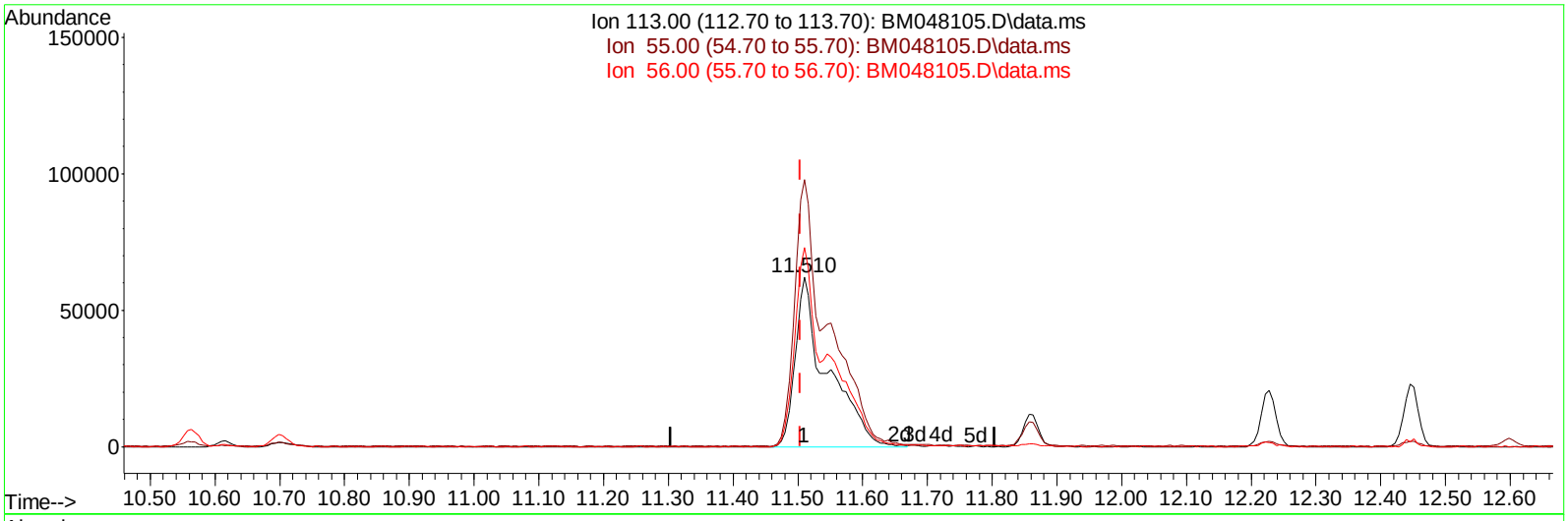

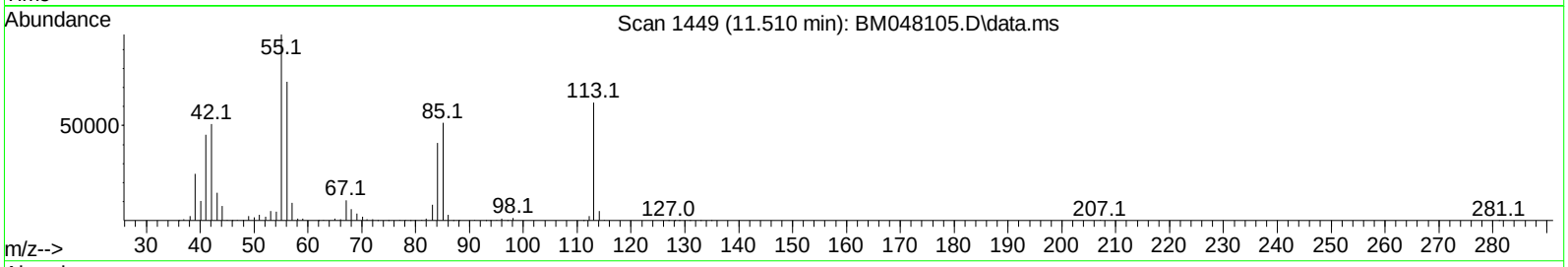

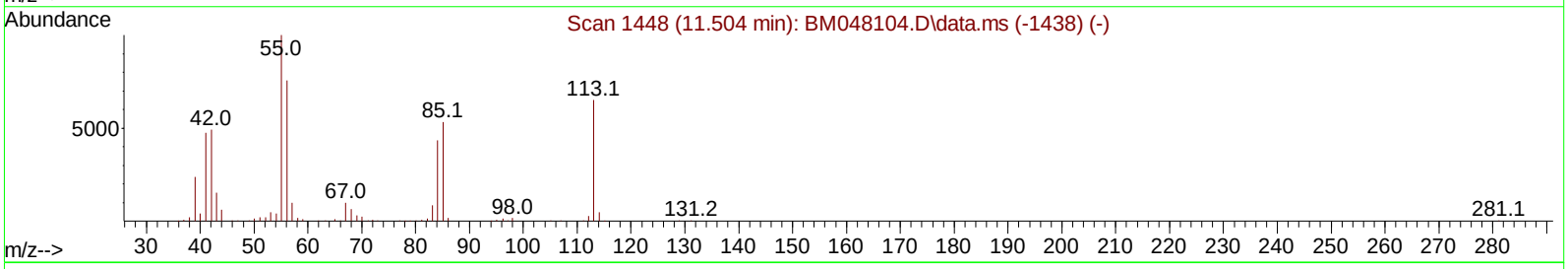

TIC: BM048105.D\data.ms

(34) Caprolactam

11.510min (+ 0.006) 39.23 ng/ul m

response 213383

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	157.37
56.00	116.10	117.34
0.00	0.00	0.00

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Acq On : 17 Oct 2024 13:45
Operator : RC/JU
Sample : SSTD04045
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 17 14:47:11 2024
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Quant Title : SVOA CALIBRATION
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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	7.775	152	272233	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1059548	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.410	164	616174	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.151	188	1189895	20.000	ng/ul	0.00
79) Chrysene-d12	21.374	240	1013479	20.000	ng/ul	0.00
88) Perylene-d12	24.362	264	1185648	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	110469	13.549	ng/uL	0.00
4) Pyridine-d5	3.652	84	768648	32.450	ng/ul	0.00
7) Phenol-d5	6.951	99	869643	34.354	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.104	67	519705	30.060	ng/ul	0.00
11) 2-Chlorophenol-d4	7.310	132	759810	40.364	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	686884	36.080	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	366120	42.846	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	408459	47.793	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.192	165	704587	42.787	ng/ul	0.00
31) 4-Chloroaniline-d4	10.698	131	931855	37.390	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	1790114	39.908	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	2142708	40.350	ng/ul	0.00
54) 4-Nitrophenol-d4	14.622	143	345574	38.834	ng/ul	0.00
60) Fluorene-d10	15.404	176	1515420	39.132	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	320663	44.051	ng/ul	0.00
73) Anthracene-d10	17.251	188	2252654	38.503	ng/ul	0.00
81) Pyrene-d10	19.539	212	2490400	42.434	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.162	264	2522725	40.502	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	116911	13.225	ng/uL	99
5) Pyridine	3.669	79	779720	31.538	ng/ul	97
6) Benzaldehyde	6.916	77	505775	42.188	ng/ul	98
8) Phenol	6.975	94	899165	33.522	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.198	93	723652	34.114	ng/ul	98
12) 2-Chlorophenol	7.340	128	769856	38.975	ng/ul	100
13) 2-Methylphenol	8.222	108	687698	36.100	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.293	45	1033436	27.068	ng/ul	100
16) Acetophenone	8.592	105	1071653	33.525	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	500851	30.450	ng/ul	98
18) 4-Methylphenol	8.551	108	745835	35.135	ng/ul	99
19) Hexachloroethane	8.851	117	323045	36.708	ng/ul	97
22) Nitrobenzene	8.969	77	782678	33.778	ng/ul	98
23) Isophorone	9.498	82	1482035	35.478	ng/ul	99
25) 2-Nitrophenol	9.681	139	431064	45.146	ng/ul	98
26) 2,4-Dimethylphenol	9.745	107	721050	36.709	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.975	93	928176	36.264	ng/ul	99
29) 2,4-Dichlorophenol	10.216	162	704938	41.795	ng/ul	98
30) Naphthalene	10.616	128	2310447	38.053	ng/ul	100
32) 4-Chloroaniline	10.722	127	901899	37.028	ng/ul	99
33) Hexachlorobutadiene	10.898	225	455082	40.658	ng/ul	99
34) Caprolactam	11.510	113	213383m	39.226	ng/ul	
35) 4-Chloro-3-methylphenol	11.857	107	686443	39.894	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.228	142	1507305	38.740	ng/ul	100
37) 1-Methylnaphthalene	12.445	142	1522452	38.614	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.598	216	807251	40.147	ng/ul	100
40) Hexachlorocyclopentadiene	12.575	237	466998	38.888	ng/ul	100
41) 2,4,6-Trichlorophenol	12.845	196	539985	45.411	ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	566393	43.798	ng/ul	99
43) 1,1'-Biphenyl	13.239	154	1912881	38.859	ng/ul	100
44) 2-Chloronaphthalene	13.280	162	1504171	39.403	ng/ul	100
45) 2-Nitroaniline	13.492	65	413498	35.479	ng/ul	96
47) Dimethylphthalate	13.869	163	1799135	39.713	ng/ul	99
48) 2,6-Dinitrotoluene	13.986	165	380910	46.746	ng/ul	99
50) Acenaphthylene	14.133	152	2298632	38.580	ng/ul	99
51) 3-Nitroaniline	14.316	138	406815	43.468	ng/ul	96
52) Acenaphthene	14.474	153	1586599	37.840	ng/ul	99
53) 2,4-Dinitrophenol	14.527	184	241211	46.407	ng/ul	97
55) 4-Nitrophenol	14.639	109	236255	32.784	ng/ul	95
56) Dibenzofuran	14.810	168	2159595	38.116	ng/ul	100
57) 2,4-Dinitrotoluene	14.780	165	538997	44.539	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.039	232	453551	44.249	ng/ul	99
59) Diethylphthalate	15.233	149	1781627	39.295	ng/ul	100
61) Fluorene	15.457	166	1664221	35.721	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.451	204	833721	37.409	ng/ul	99
63) 4-Nitroaniline	15.480	138	380427	43.868	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.545	198	346279	43.309	ng/ul	95
67) N-Nitrosodiphenylamine	15.663	169	1427811	38.686	ng/ul	99
68) 4-Bromophenyl-phenylether	16.345	248	521258	41.715	ng/ul	97
69) Hexachlorobenzene	16.463	284	601117	41.212	ng/ul	100
70) Atrazine	16.616	200	498042	40.006	ng/ul	99
71) Pentachlorophenol	16.804	266	401192	42.484	ng/ul	99
72) Phenanthrene	17.192	178	2589609	37.450	ng/ul	100
74) Anthracene	17.286	178	2592075	36.761	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	806034	40.602	ng/uL	99
76) Pentachlorobenzene	14.733	250	765761	39.397	ng/uL	99
77) Carbazole	17.557	167	2382632	37.204	ng/ul	100
78) Di-n-butylphthalate	18.115	149	3073860	42.054	ng/ul	99
80) Fluoranthene	19.204	202	2909445	42.220	ng/ul	99
82) Pyrene	19.568	202	3082186	40.472	ng/ul	98
83) Butylbenzylphthalate	20.456	149	1375249	48.824	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	983280	45.026	ng/ul	99
85) Benzo(a)anthracene	21.356	228	2946723	41.045	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.274	149	1967025	46.758	ng/ul	100
87) Chrysene	21.421	228	2764180	39.775	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	3525702	43.626	ng/ul	100
90) Benzo(b)fluoranthene	23.421	252	2996485	40.298	ng/ul	99
91) Benzo(k)fluoranthene	23.480	252	2917857	38.321	ng/ul	99
93) Benzo(a)pyrene	24.227	252	2786258	39.464	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.738	276	3599936	39.717	ng/ul	99
95) Dibenzo(a,h)anthracene	27.785	278	2924448	39.359	ng/ul	99
96) Benzo(g,h,i)perylene	28.791	276	2828512	39.960	ng/ul	99

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

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