Quantitation Report (Qedit)

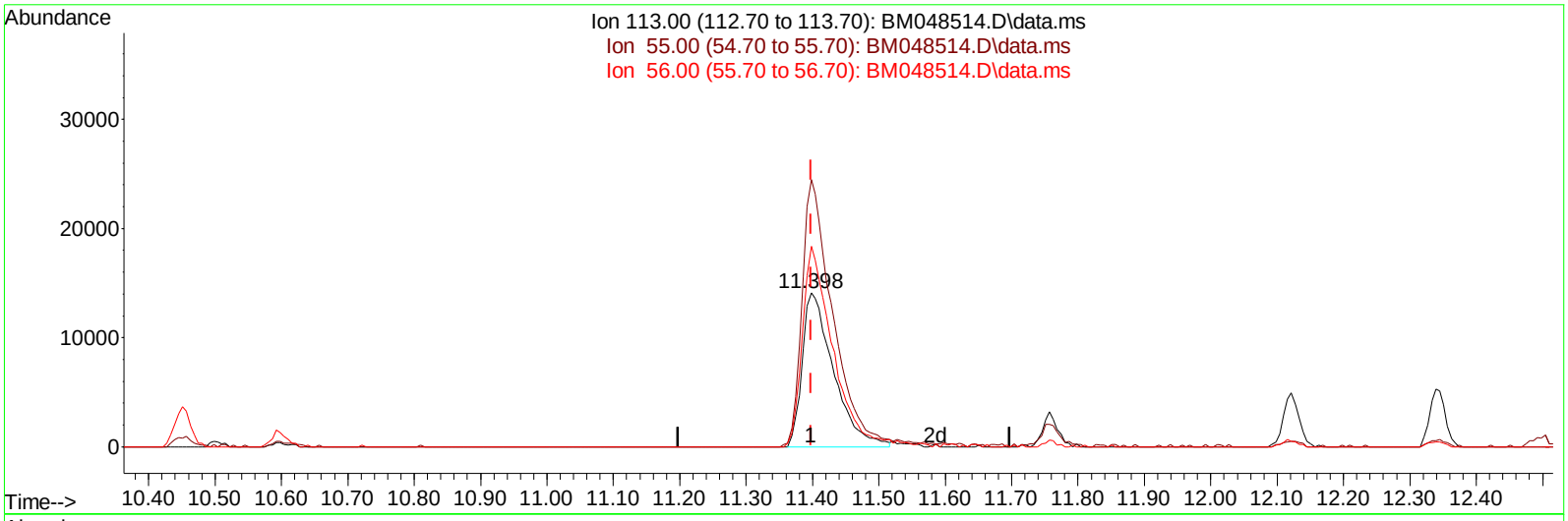
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110724\
Data File : BM048514.D
Acq On : 07 Nov 2024 16:39
Operator : RC/JU
Sample : SSTD02056
Misc :
ALS Vial : 5 Sample Multiplier: 1

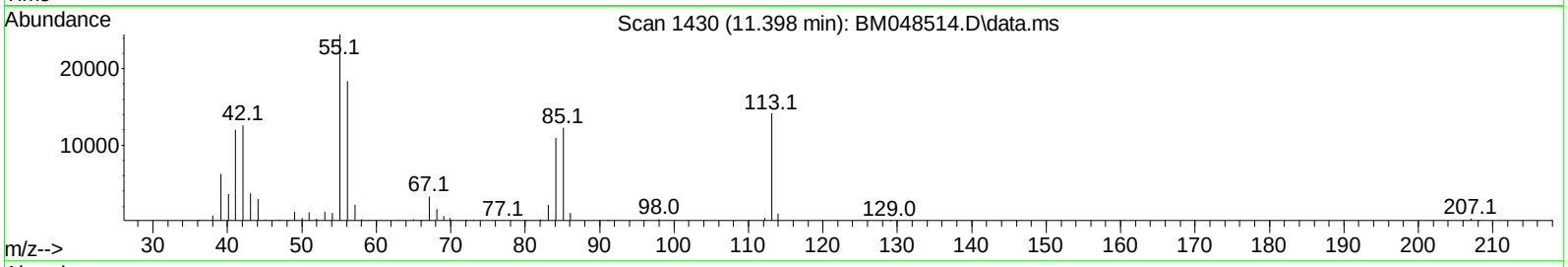
Quant Time: Nov 07 22:21:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:15:00 2024
Response via : Initial Calibration

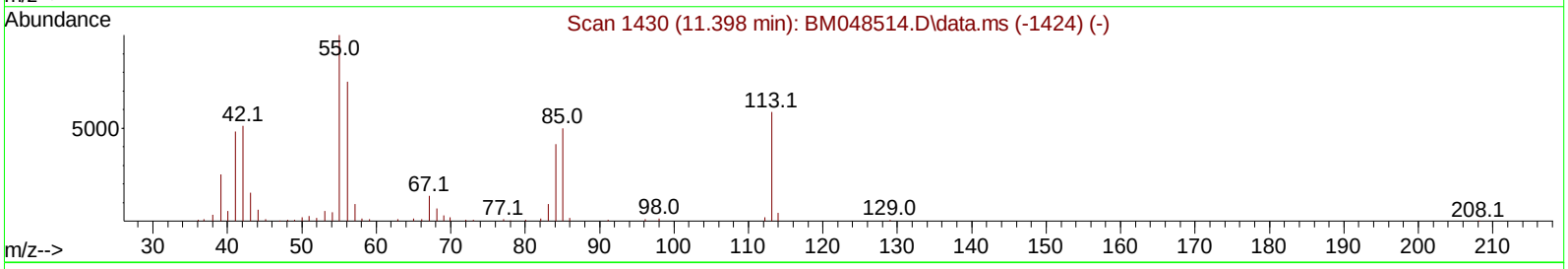
Instrument :
BNA_M
ClientSampleId :
SSTD020043

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024







TIC: BM048514.D\data.ms

(34) Caprolactam

11.398min (0.000) 16.54 ng/ul

response 46036

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	173.10
56.00	130.10	130.08
0.00	0.00	0.00

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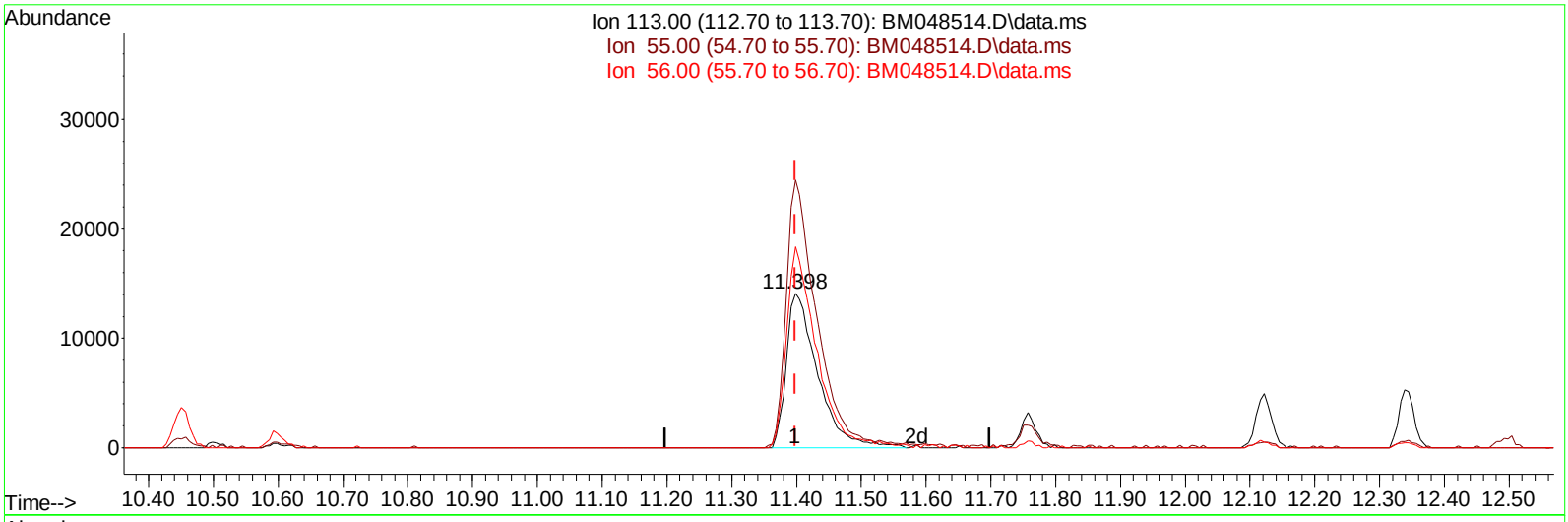

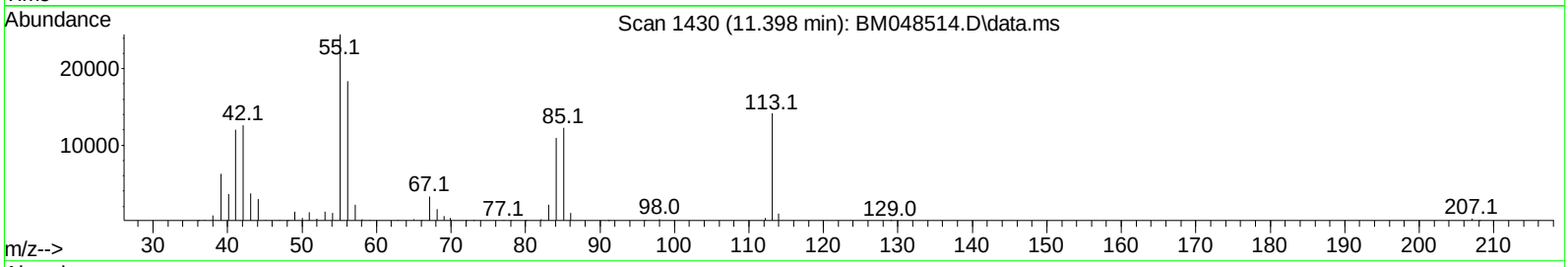

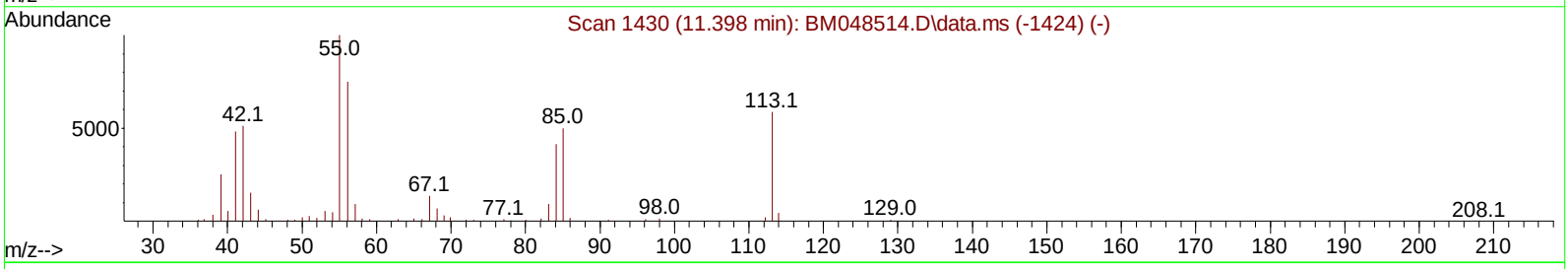

TIC: BM048514.D\data.ms

(34) Caprolactam

11.398min (0.000) 16.82 ng/ul m

response 46829

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.10	173.10
56.00	130.10	130.08
0.00	0.00	0.00

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Operator : RC/JU
Sample : SSTD02056
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 07 22:25:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:15:00 2024
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Instrument :
BNA_M
ClientSampleId :
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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	7.663	152	132700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.451	136	526355	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.315	164	315864	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.056	188	625795	20.000	ng/ul	0.00
79) Chrysene-d12	21.286	240	635401	20.000	ng/ul	0.00
88) Perylene-d12	24.197	264	748072	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	27814	8.252	ng/uL	0.00
4) Pyridine-d5	3.546	84	187715	19.214	ng/ul	0.00
7) Phenol-d5	6.845	99	205827	18.054	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.004	67	124404	17.616	ng/ul	0.00
11) 2-Chlorophenol-d4	7.198	132	176060	18.990	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	160402	17.525	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	79730	18.476	ng/ul	0.00
24) 2-Nitrophenol-d4	9.539	143	85935	18.382	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.080	165	159814	18.733	ng/ul	0.00
31) 4-Chloroaniline-d4	10.598	131	221303	18.682	ng/ul	0.00
46) Dimethylphthalate-d6	13.727	166	424841	17.998	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	505783	19.004	ng/ul	0.00
54) 4-Nitrophenol-d4	14.533	143	73421	17.008	ng/ul	0.00
60) Fluorene-d10	15.310	176	373893	18.746	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	61363	14.838	ng/ul	0.00
73) Anthracene-d10	17.156	188	574916	19.428	ng/ul	0.00
81) Pyrene-d10	19.450	212	675534	17.520	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.991	264	750700	19.026	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	30762	8.633	ng/uL	100
5) Pyridine	3.563	79	194241	19.399	ng/ul	100
6) Benzaldehyde	6.810	77	127594	22.614	ng/ul	100
8) Phenol	6.875	94	216769	18.257	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.092	93	170944	18.022	ng/ul	100
12) 2-Chlorophenol	7.234	128	183882	19.318	ng/ul	100
13) 2-Methylphenol	8.116	108	160299	17.947	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.186	45	257952	17.793	ng/ul	100
16) Acetophenone	8.486	105	255818	17.746	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.475	70	122174	16.524	ng/ul	100
18) 4-Methylphenol	8.445	108	173996	17.651	ng/ul	100
19) Hexachloroethane	8.739	117	76145	18.977	ng/ul	100
22) Nitrobenzene	8.863	77	183363	18.286	ng/ul	100
23) Isophorone	9.392	82	333846	17.180	ng/ul	100
25) 2-Nitrophenol	9.575	139	95485	18.634	ng/ul	100
26) 2,4-Dimethylphenol	9.639	107	175230	18.627	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.875	93	212130	17.601	ng/ul	100
29) 2,4-Dichlorophenol	10.110	162	162540	18.620	ng/ul	100
30) Naphthalene	10.504	128	563600	19.171	ng/ul	100
32) 4-Chloroaniline	10.622	127	209092	18.217	ng/ul	100
33) Hexachlorobutadiene	10.786	225	109133	18.762	ng/ul	100
34) Caprolactam	11.398	113	46829m	16.821	ng/ul	
35) 4-Chloro-3-methylphenol	11.757	107	158327	18.026	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.121	142	359756	18.155	ng/ul	100
37) 1-Methylnaphthalene	12.345	142	370813	18.447	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.498	216	191418	19.141	ng/ul	100
40) Hexachlorocyclopentadiene	12.474	237	88465	14.778	ng/ul	100
41) 2,4,6-Trichlorophenol	12.745	196	121593	18.838	ng/ul	100
42) 2,4,5-Trichlorophenol	12.821	196	131975	19.358	ng/ul	100
43) 1,1'-Biphenyl	13.145	154	457805	18.897	ng/ul	100
44) 2-Chloronaphthalene	13.186	162	363780	19.378	ng/ul	100
45) 2-Nitroaniline	13.398	65	91965	17.701	ng/ul	100
47) Dimethylphthalate	13.774	163	426928	18.034	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	81751	17.760	ng/ul	100
50) Acenaphthylene	14.033	152	557339	19.171	ng/ul	100
51) 3-Nitroaniline	14.233	138	87040	17.964	ng/ul	100
52) Acenaphthene	14.380	153	391271	18.967	ng/ul	100
53) 2,4-Dinitrophenol	14.445	184	31399	10.029	ng/ul	100
55) 4-Nitrophenol	14.551	109	52779	16.749	ng/ul	100
56) Dibenzofuran	14.715	168	542311	19.108	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	121784	18.097	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.945	232	109719	18.771	ng/ul	100
59) Diethylphthalate	15.145	149	420983	17.676	ng/ul	100
61) Fluorene	15.362	166	431468	19.092	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.362	204	212708	18.748	ng/ul	100
63) 4-Nitroaniline	15.398	138	87959	20.048	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.457	198	66587	15.019	ng/ul	100
67) N-Nitrosodiphenylamine	15.574	169	361241	19.334	ng/ul	100
68) 4-Bromophenyl-phenylether	16.256	248	128148	18.769	ng/ul	100
69) Hexachlorobenzene	16.368	284	153902	18.839	ng/ul	100
70) Atrazine	16.533	200	126972	19.848	ng/ul	100
71) Pentachlorophenol	16.715	266	93412	18.072	ng/ul	100
72) Phenanthrene	17.104	178	670980	19.363	ng/ul	100
74) Anthracene	17.192	178	682143	19.667	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	189906	19.176	ng/uL	100
76) Pentachlorobenzene	14.633	250	186060	18.461	ng/uL	100
77) Carbazole	17.468	167	612428	20.110	ng/ul	100
78) Di-n-butylphthalate	18.027	149	714523	17.854	ng/ul	100
80) Fluoranthene	19.121	202	782823	17.448	ng/ul	100
82) Pyrene	19.480	202	849708	17.664	ng/ul	100
83) Butylbenzylphthalate	20.386	149	324874	16.343	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.197	252	263881	19.034	ng/ul	100
85) Benzo(a)anthracene	21.262	228	860077	18.770	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.191	149	481276	16.801	ng/ul	100
87) Chrysene	21.327	228	819940	19.029	ng/ul	100
89) Di-n-octyl phthalate	22.291	149	843870	15.078	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	873094	18.289	ng/ul	100
91) Benzo(k)fluoranthene	23.338	252	897724	18.782	ng/ul	100
93) Benzo(a)pyrene	24.056	252	833383	19.189	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.468	276	1066802	20.397	ng/ul	100
95) Dibenzo(a,h)anthracene	27.515	278	875976	20.478	ng/ul	100
96) Benzo(g,h,i)perylene	28.485	276	828407	20.639	ng/ul	100

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

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