Quantitation Report (Qedit)

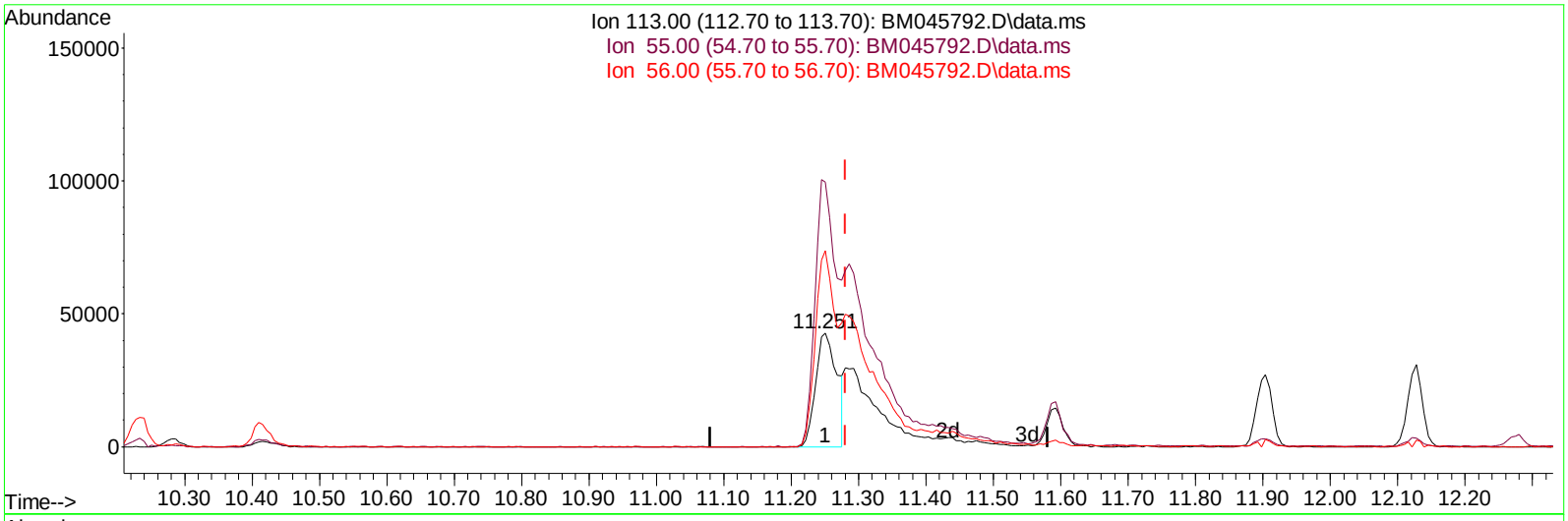
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053124\
Data File : BM045792.D
Acq On : 31 May 2024 11:04
Operator : MA/JU
Sample : SSTD04015
Misc :
ALS Vial : 5 Sample Multiplier: 1

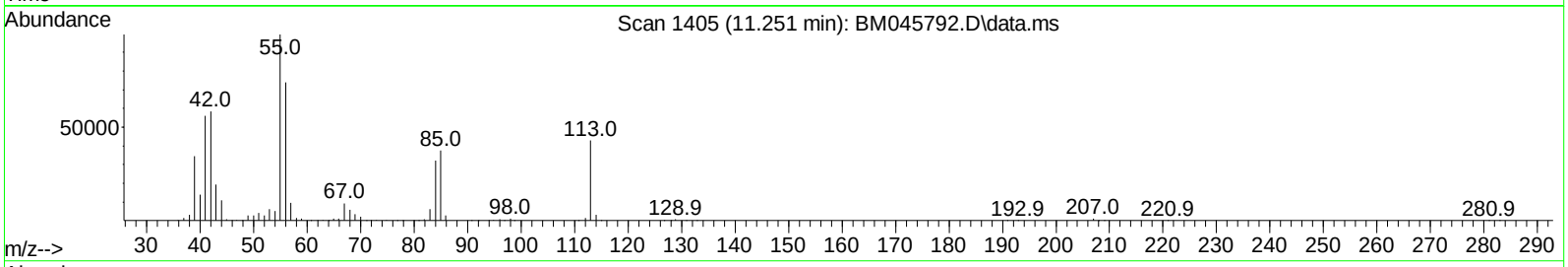
Quant Time: May 31 11:40:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 11:12:53 2024
Response via : Initial Calibration

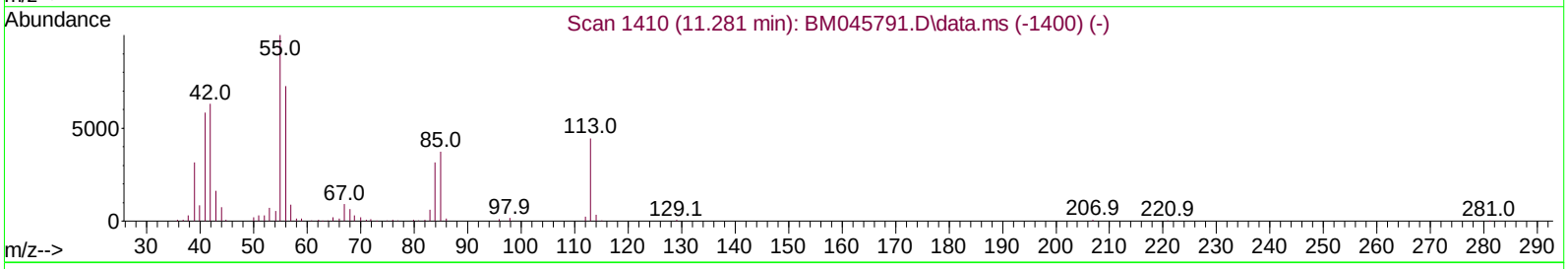
Instrument :
BNA_M
ClientSampleId :
SSTD040037

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/01/2024
Supervised By :mohammad ahmed 06/01/2024







TIC: BM045792.D\data.ms

(34) Caprolactam

11.251min (-0.030) 20.61 ng/ul

response 93953

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	232.52
56.00	162.60	172.37
0.00	0.00	0.00

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ClientSampleId :
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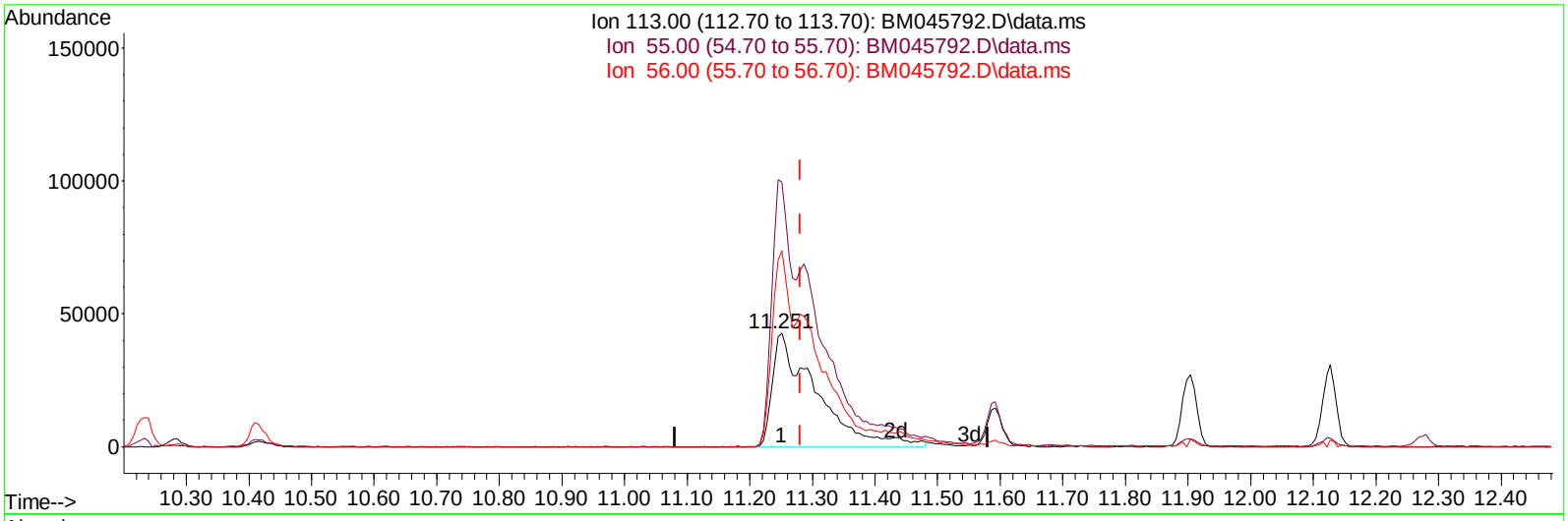

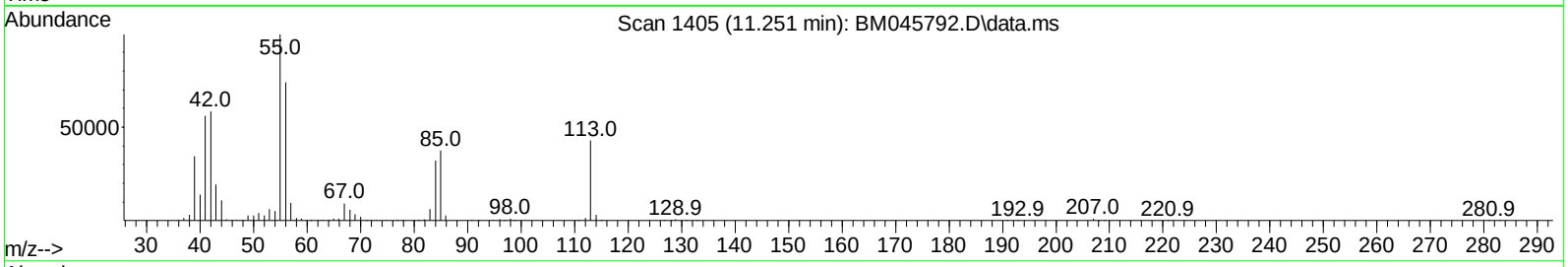

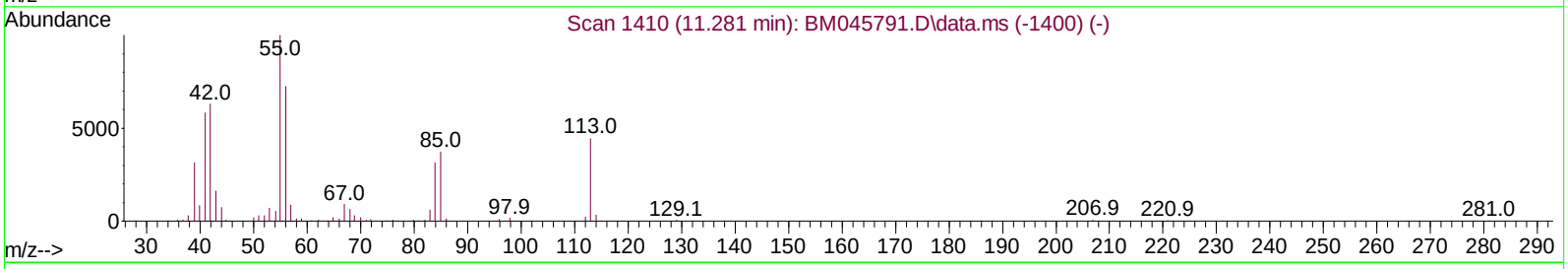

TIC: BM045792.D\data.ms

(34) Caprolactam

11.251min (-0.030) 45.60 ng/ul m

response 207843

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	224.40	232.52
56.00	162.60	172.37
0.00	0.00	0.00

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Acq On : 31 May 2024 11:04
Operator : MA/JU
Sample : SSTD04015
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 31 11:41:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 11:12:53 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD040037

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	271628	20.000	ng/ul	0.00
20) Naphthalene-d8	10.233	136	1130320	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	690923	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	1397435	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	1156909	20.000	ng/ul	0.00
88) Perylene-d12	23.791	264	1277798	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	111012	16.181	ng/uL	0.00
4) Pyridine-d5	3.457	84	729962	40.917	ng/ul	-0.01
7) Phenol-d5	6.722	99	905657	39.007	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	651762	38.663	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	701478	40.429	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	692567	39.486	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128	359525	40.707	ng/ul	0.00
24) 2-Nitrophenol-d4	9.345	143	376199	41.981	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	693592	41.561	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131	956816	41.188	ng/ul	0.00
46) Dimethylphthalate-d6	13.557	166	1972528	41.689	ng/ul	0.00
49) Acenaphthylene-d8	13.804	160	2268780	40.717	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	448123	44.507	ng/ul	0.00
60) Fluorene-d10	15.110	176	1662042	41.142	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.251	200	297978	41.863	ng/ul	0.00
73) Anthracene-d10	16.956	188	2459611	40.265	ng/ul	0.00
81) Pyrene-d10	19.256	212	2821675	38.921	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	2490964	41.994	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	120353	15.488	ng/uL	98
5) Pyridine	3.475	79	779245	42.162	ng/ul	95
6) Benzaldehyde	6.640	77	549612	48.393	ng/ul	98
8) Phenol	6.745	94	934876	38.788	ng/ul	98
10) Bis(2-Chloroethyl)ether	6.922	93	782308	38.534	ng/ul	98
12) 2-Chlorophenol	7.063	128	723085	39.673	ng/ul	99
13) 2-Methylphenol	7.969	108	695891	39.287	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.004	45	1559510	39.241	ng/ul	99
16) Acetophenone	8.304	105	1164092	40.008	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.292	70	642480	39.395	ng/ul	99
18) 4-Methylphenol	8.298	108	729892	39.927	ng/ul	99
19) Hexachloroethane	8.534	117	350088	40.367	ng/ul	97
22) Nitrobenzene	8.675	77	984341	39.032	ng/ul	98
23) Isophorone	9.198	82	1793068	40.343	ng/ul	100
25) 2-Nitrophenol	9.375	139	405749	41.486	ng/ul	97
26) 2,4-Dimethylphenol	9.475	107	800824	40.371	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.681	93	1058546	39.432	ng/ul	99
29) 2,4-Dichlorophenol	9.916	162	682737	40.807	ng/ul	99
30) Naphthalene	10.280	128	2367003	39.021	ng/ul	99
32) 4-Chloroaniline	10.439	127	936731	41.426	ng/ul	98
33) Hexachlorobutadiene	10.575	225	449638	40.056	ng/ul	98
34) Caprolactam	11.251	113	207843m	45.598	ng/ul	
35) 4-Chloro-3-methylphenol	11.592	107	763297	42.298	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.904	142	1582658	39.874	ng/ul	100
37) 1-Methylnaphthalene	12.127	142	1584862	39.935	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.274	216	808484	38.900	ng/ul	97
40) Hexachlorocyclopentadiene	12.269	237	490578	38.586	ng/ul	100
41) 2,4,6-Trichlorophenol	12.545	196	513519	42.276	ng/ul	96
42) 2,4,5-Trichlorophenol	12.633	196	552259	42.274	ng/ul	99
43) 1,1'-Biphenyl	12.945	154	2010360	38.821	ng/ul	99
44) 2-Chloronaphthalene	12.974	162	1570576	38.987	ng/ul	99
45) 2-Nitroaniline	13.221	65	599968	43.351	ng/ul	96
47) Dimethylphthalate	13.610	163	2013087	41.910	ng/ul	100
48) 2,6-Dinitrotoluene	13.716	165	407917	44.610	ng/ul	99
50) Acenaphthylene	13.833	152	2569524	39.699	ng/ul	100
51) 3-Nitroaniline	14.063	138	394503	46.280	ng/ul	98
52) Acenaphthene	14.174	153	1709863	39.659	ng/ul	99
53) 2,4-Dinitrophenol	14.251	184	164085	43.396	ng/ul	97
55) 4-Nitrophenol	14.421	109	374628	45.626	ng/ul	98
56) Dibenzofuran	14.515	168	2298116	39.970	ng/ul	99
57) 2,4-Dinitrotoluene	14.504	165	585315	45.995	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.763	232	443561	45.307	ng/ul	98
59) Diethylphthalate	14.974	149	2072223	43.083	ng/ul	99
61) Fluorene	15.163	166	1894321	40.552	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.168	204	929745	40.380	ng/ul	97
63) 4-Nitroaniline	15.239	138	349647	49.849	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.262	198	324725	41.951	ng/ul	95
67) N-Nitrosodiphenylamine	15.392	169	1540528	38.578	ng/ul	99
68) 4-Bromophenyl-phenylether	16.062	248	567630	38.929	ng/ul	99
69) Hexachlorobenzene	16.162	284	628795	38.652	ng/ul	99
70) Atrazine	16.368	200	519745	43.656	ng/ul	98
71) Pentachlorophenol	16.533	266	343108	42.961	ng/ul	98
72) Phenanthrene	16.898	178	2936617	39.740	ng/ul	99
74) Anthracene	16.992	178	2907956	39.371	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.898	216	806172	36.708	ng/uL	98
76) Pentachlorobenzene	14.427	250	760369	37.138	ng/uL	99
77) Carbazole	17.280	167	2597272	41.464	ng/ul	99
78) Di-n-butylphthalate	17.851	149	3590046	43.394	ng/ul	100
80) Fluoranthene	18.921	202	3365801	38.255	ng/ul	99
82) Pyrene	19.286	202	3421976	37.799	ng/ul	99
83) Butylbenzylphthalate	20.215	149	1602157	43.305	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.003	252	1016251	44.723	ng/ul	99
85) Benzo(a)anthracene	21.050	228	3222278	40.427	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.003	149	2429781	44.300	ng/ul	98
87) Chrysene	21.109	228	2937867	40.098	ng/ul	99
89) Di-n-octyl phthalate	22.039	149	4054899	41.444	ng/ul	100
90) Benzo(b)fluoranthene	22.944	252	3136386	40.147	ng/ul	99
91) Benzo(k)fluoranthene	22.997	252	3086703	40.465	ng/ul	98
93) Benzo(a)pyrene	23.668	252	2837496	41.291	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.803	276	3108470	42.459	ng/ul	100
95) Dibenzo(a,h)anthracene	26.850	278	2455816	43.072	ng/ul	99
96) Benzo(g,h,i)perylene	27.738	276	2718018	41.990	ng/ul	99

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

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