Quantitation Report (Qedit)

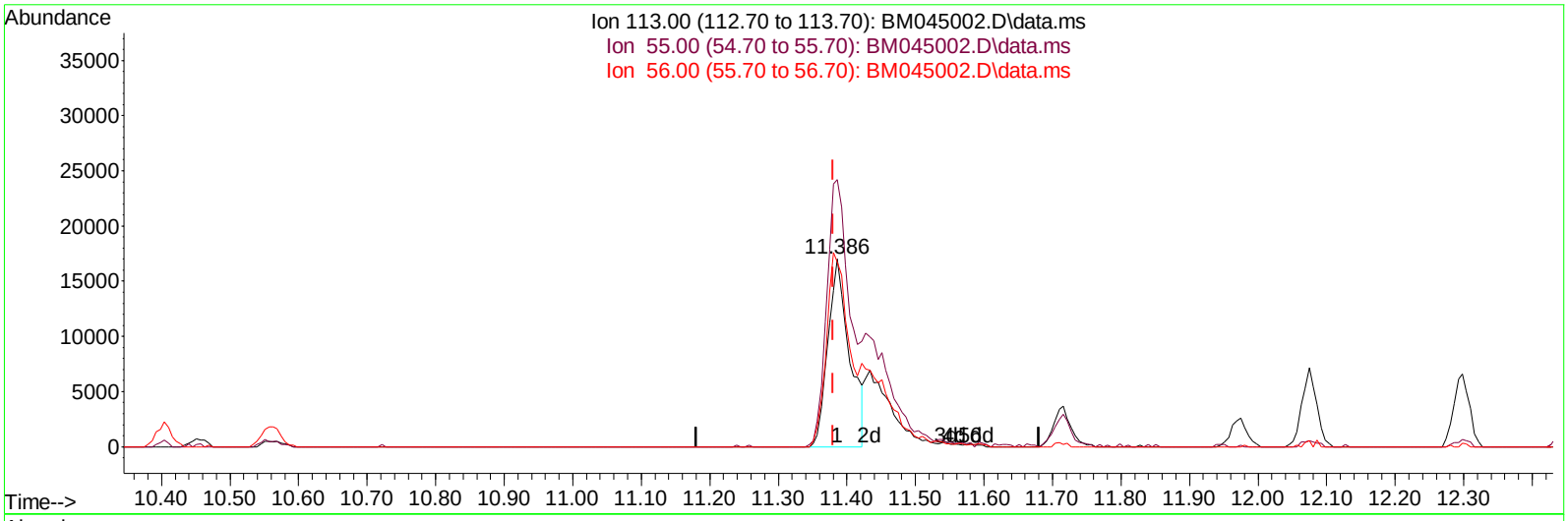
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040624\
Data File : BM045002.D
Acq On : 07 Apr 2024 11:11
Operator : MA/JU
Sample : PB160034BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

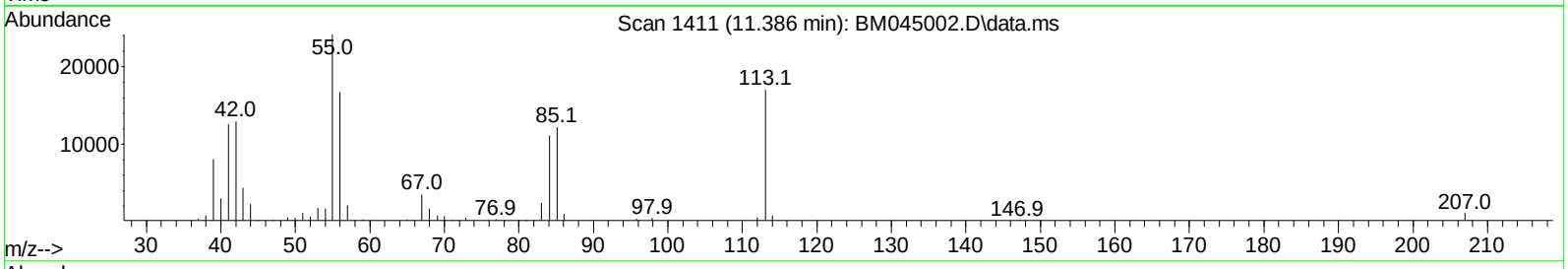
Quant Time: Apr 08 05:55:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:51:38 2024
Response via : Initial Calibration

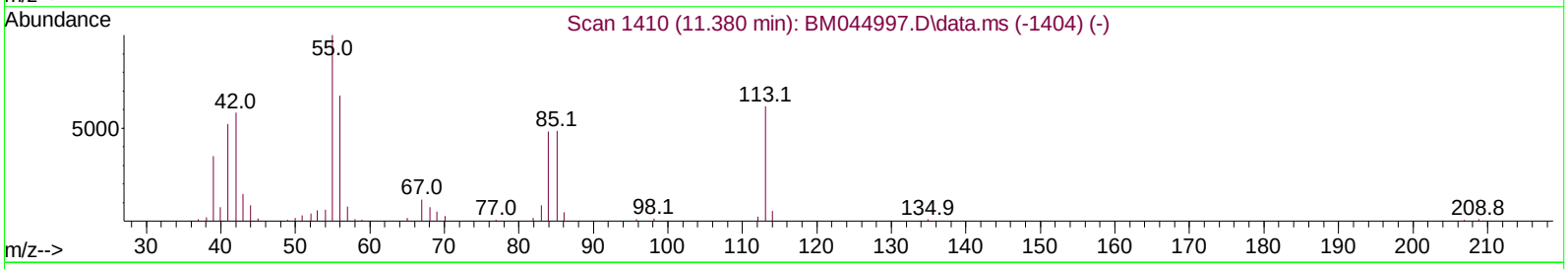
Instrument :
BNA_M
ClientSampleId :
SLCS034

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024







TIC: BM045002.D\data.ms

(34) Caprolactam

11.386min (+ 0.006) 26.33 ng/ul

response 37135

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	141.92
56.00	114.80	98.22
0.00	0.00	0.00

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ClientSampleId :
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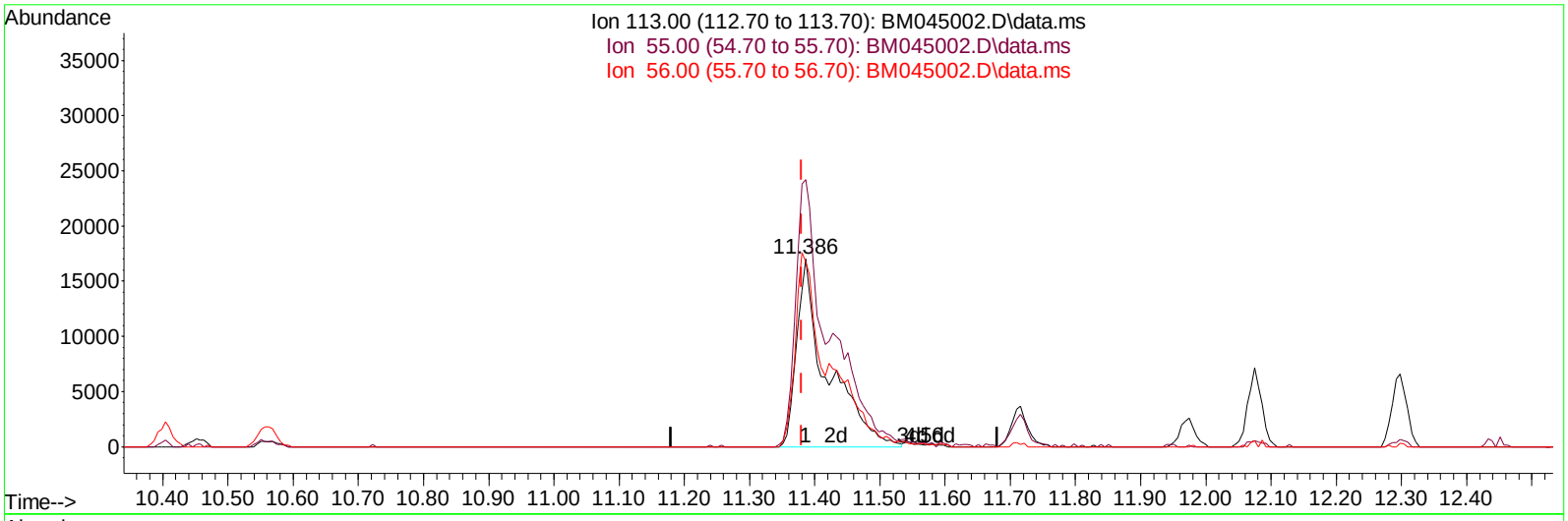

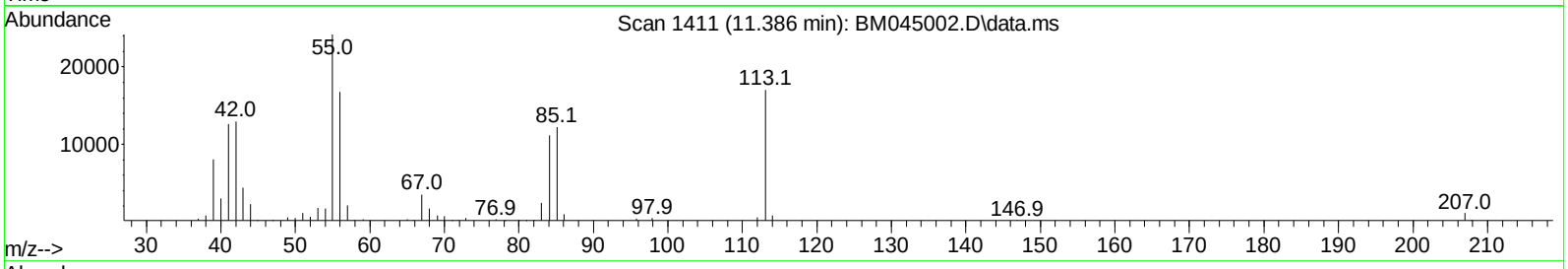

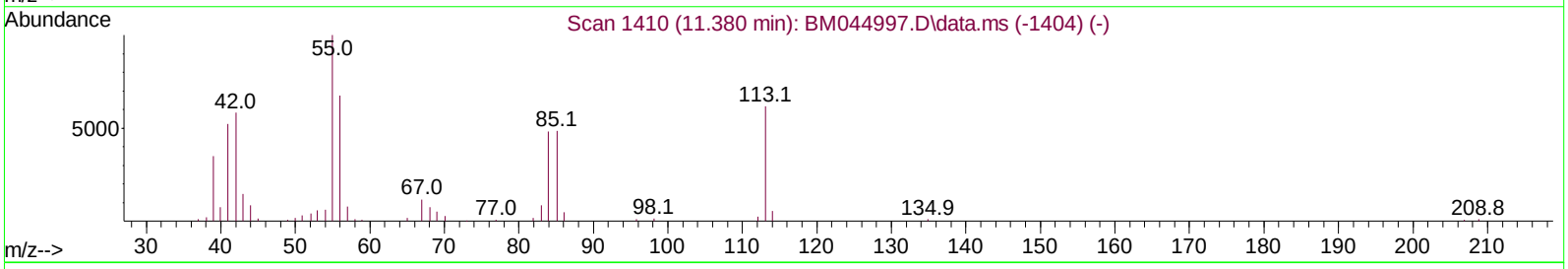

TIC: BM045002.D\data.ms

(34) Caprolactam

11.386min (+ 0.006) 39.36 ng/ul m

response 55499

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	141.92
56.00	114.80	98.22
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Data File : BM045002.D
Acq On : 07 Apr 2024 11:11
Operator : MA/JU
Sample : PB160034BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Quant Time: Apr 08 06:04:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 08 05:51:38 2024
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/09/2024
Supervised By :mohammad ahmed 04/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.628	152	61708	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	278126	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.280	164	176855	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.039	188	364708	20.000	ng/ul	0.00
79) Chrysene-d12	21.244	240	362906	20.000	ng/ul	0.00
88) Perylene-d12	23.468	264	414464	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	12087	7.314	ng/uL	0.00
4) Pyridine-d5	3.604	84	178997	39.832	ng/ul	0.00
7) Phenol-d5	6.810	99	225210	43.050	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	131575	42.216	ng/ul	0.00
11) 2-Chlorophenol-d4	7.163	132	184566	45.033	ng/ul	0.00
15) 4-Methylphenol-d8	8.339	113	183545	44.824	ng/ul	0.00
21) Nitrobenzene-d5	8.792	128	89568	41.925	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	101022	44.801	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.033	165	183055	44.277	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	259389	39.408	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	517864	42.055	ng/ul	0.00
49) Acenaphthylene-d8	13.968	160	624622	42.937	ng/ul	0.00
54) 4-Nitrophenol-d4	14.515	143	103339	40.211	ng/ul	0.00
60) Fluorene-d10	15.280	176	464709	42.330	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.421	200	82795	38.288	ng/ul	0.00
73) Anthracene-d10	17.139	188	732829	44.667	ng/ul	0.00
81) Pyrene-d10	19.445	212	848039	47.458	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.327	264	916220	45.315	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	24098	13.963	ng/uL	89
5) Pyridine	3.622	79	174180	36.581	ng/ul	99
6) Benzaldehyde	6.792	77	98235	40.508	ng/ul	98
8) Phenol	6.840	94	229298	42.327	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.075	93	175894	41.604	ng/ul	95
12) 2-Chlorophenol	7.198	128	186184	43.293	ng/ul	99
13) 2-Methylphenol	8.075	108	167472	41.882	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.151	45	209899	41.625	ng/ul	97
16) Acetophenone	8.457	105	271619	40.800	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.445	70	136059	43.285	ng/ul	96
18) 4-Methylphenol	8.404	108	180647	41.915	ng/ul	99
19) Hexachloroethane	8.681	117	80136	42.367	ng/ul	96
22) Nitrobenzene	8.834	77	210734	40.205	ng/ul	98
23) Isophorone	9.357	82	381441	39.609	ng/ul	99
25) 2-Nitrophenol	9.533	139	103607	41.397	ng/ul	94
26) 2,4-Dimethylphenol	9.598	107	189124	39.195	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.839	93	230385	40.355	ng/ul	98
29) 2,4-Dichlorophenol	10.063	162	174787	41.846	ng/ul	98
30) Naphthalene	10.457	128	582375	39.555	ng/ul	99
32) 4-Chloroaniline	10.586	127	219061	34.203	ng/ul	99
33) Hexachlorobutadiene	10.722	225	103630	39.903	ng/ul	95
34) Caprolactam	11.386	113	55499m	39.356	ng/ul	
35) 4-Chloro-3-methylphenol	11.716	107	183055	44.086	ng/ul	100

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/09/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.074	142	389575	40.525	ng/ul	99
37) 1-Methylnaphthalene	12.298	142	390100	40.100	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.445	216	198624	41.066	ng/ul	99
40) Hexachlorocyclopentadiene	12.410	237	95294	32.547	ng/ul	98
41) 2,4,6-Trichlorophenol	12.704	196	133430	42.290	ng/ul	99
42) 2,4,5-Trichlorophenol	12.774	196	149562	43.022	ng/ul	97
43) 1,1'-Biphenyl	13.104	154	505988	40.516	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	414430	40.846	ng/ul	97
45) 2-Nitroaniline	13.374	65	122671	43.799	ng/ul	99
47) Dimethylphthalate	13.751	163	515076	40.019	ng/ul	100
48) 2,6-Dinitrotoluene	13.880	165	105711	41.904	ng/ul	91
50) Acenaphthylene	13.998	152	698439	41.108	ng/ul	99
51) 3-Nitroaniline	14.216	138	113028	41.074	ng/ul	96
52) Acenaphthene	14.345	153	462433	40.789	ng/ul	99
53) 2,4-Dinitrophenol	14.427	184	51812	34.545	ng/ul	99
55) 4-Nitrophenol	14.527	109	85160	37.679	ng/ul	93
56) Dibenzofuran	14.680	168	627933	40.475	ng/ul	98
57) 2,4-Dinitrotoluene	14.674	165	161192	42.687	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.915	232	117460	39.479	ng/ul	95
59) Diethylphthalate	15.127	149	532494	40.553	ng/ul	99
61) Fluorene	15.339	166	529859	40.522	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.339	204	250528	40.877	ng/ul	98
63) 4-Nitroaniline	15.386	138	106575	42.599	ng/ul	89
66) 4,6-Dinitro-2-methylph...	15.439	198	87185	37.648	ng/ul#	93
67) N-Nitrosodiphenylamine	15.557	169	429596	43.665	ng/ul	100
68) 4-Bromophenyl-phenylether	16.233	248	155589	43.803	ng/ul	95
69) Hexachlorobenzene	16.333	284	196060	42.433	ng/ul	96
70) Atrazine	16.521	200	77506	21.417	ng/ul	98
71) Pentachlorophenol	16.686	266	104672	37.294	ng/ul	99
72) Phenanthrene	17.080	178	824201	41.995	ng/ul	99
74) Anthracene	17.174	178	847492	42.214	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	197244	42.910	ng/uL	99
76) Pentachlorobenzene	14.592	250	209059	42.745	ng/uL	98
77) Carbazole	17.456	167	779904	40.288	ng/ul	99
78) Di-n-butylphthalate	18.021	149	979576	44.870	ng/ul	100
80) Fluoranthene	19.109	202	970052	46.026	ng/ul	99
82) Pyrene	19.474	202	1029731	45.275	ng/ul	99
83) Butylbenzylphthalate	20.397	149	463729	48.665	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.174	252	328013	40.650	ng/ul	97
85) Benzo(a)anthracene	21.233	228	1046882	42.515	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.174	149	743722	49.930	ng/ul	99
87) Chrysene	21.286	228	964685	42.025	ng/ul	99
89) Di-n-octyl phthalate	22.056	149	1232419	47.260	ng/ul	100
90) Benzo(b)fluoranthene	22.803	252	1068909	44.249	ng/ul	99
91) Benzo(k)fluoranthene	22.850	252	1103570	45.388	ng/ul	98
93) Benzo(a)pyrene	23.374	252	1029050	43.771	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.703	276	1297422	42.603	ng/ul	98
95) Dibenzo(a,h)anthracene	25.715	278	1092072	42.891	ng/ul	99
96) Benzo(g,h,i)perylene	26.385	276	1016282	42.301	ng/ul	98

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

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