Quantitation Report (Qedit)

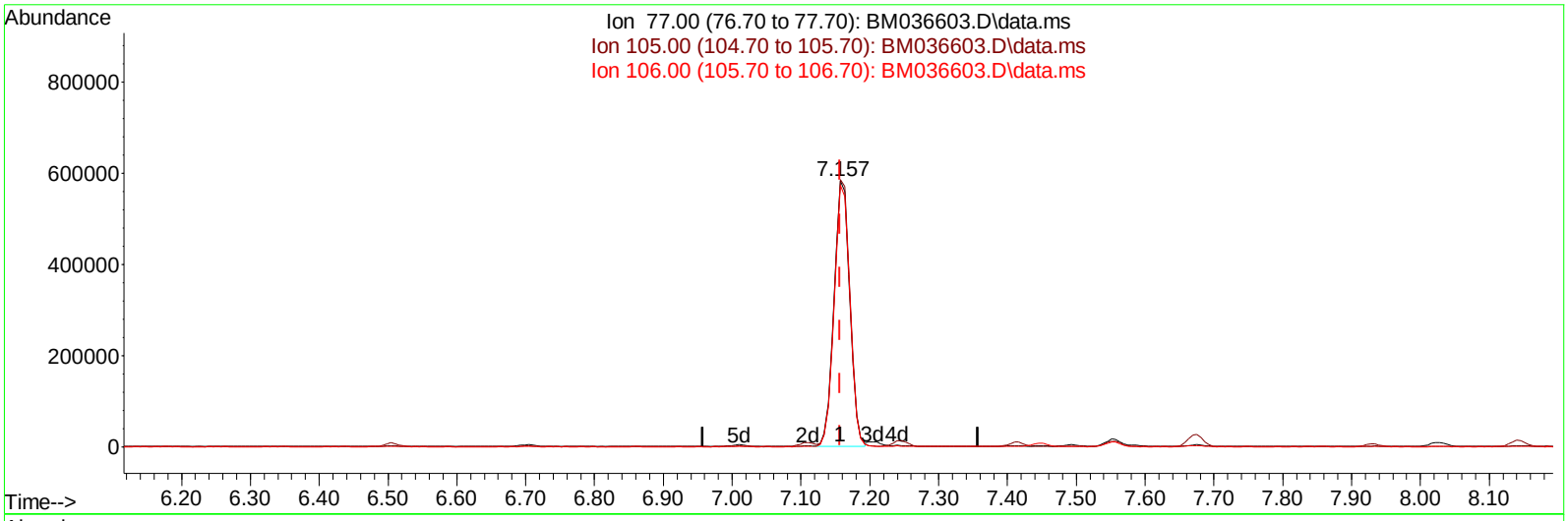
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036603.D
Acq On : 20 Sep 2022 05:36
Operator : CG/JU
Sample : N4604-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

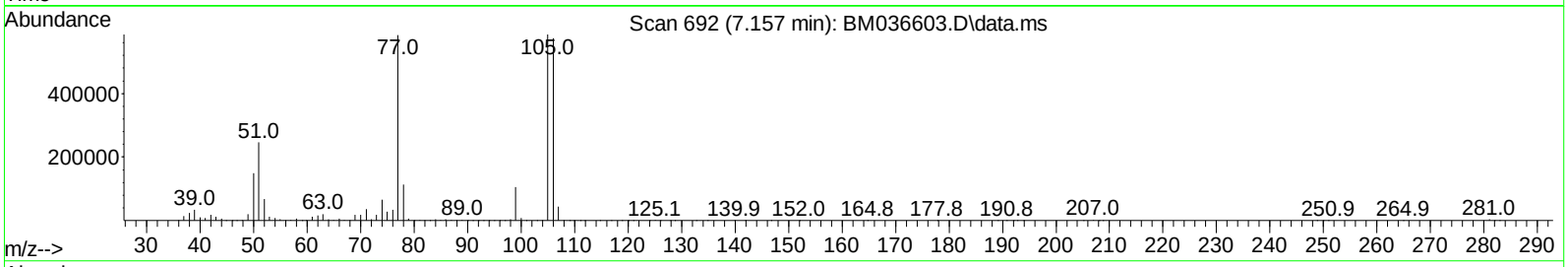
Quant Time: Sep 20 06:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

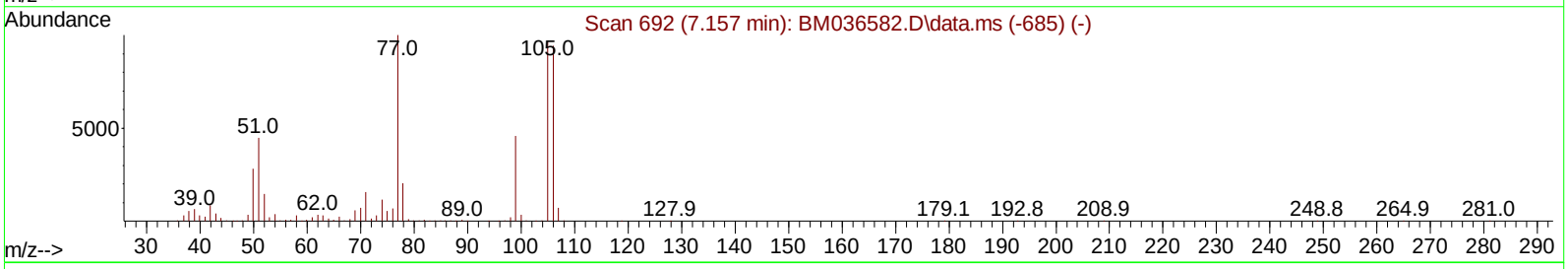
Instrument :
BNA_M
ClientSampleId :
A5748MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036603.D\data.ms

(6) Benzaldehyde

7.157min (+ 0.000) 49.89 ng/ul

response 920605

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	100.33
106.00	91.30	98.28
0.00	0.00	0.00

Quantitation Report (Qedit)

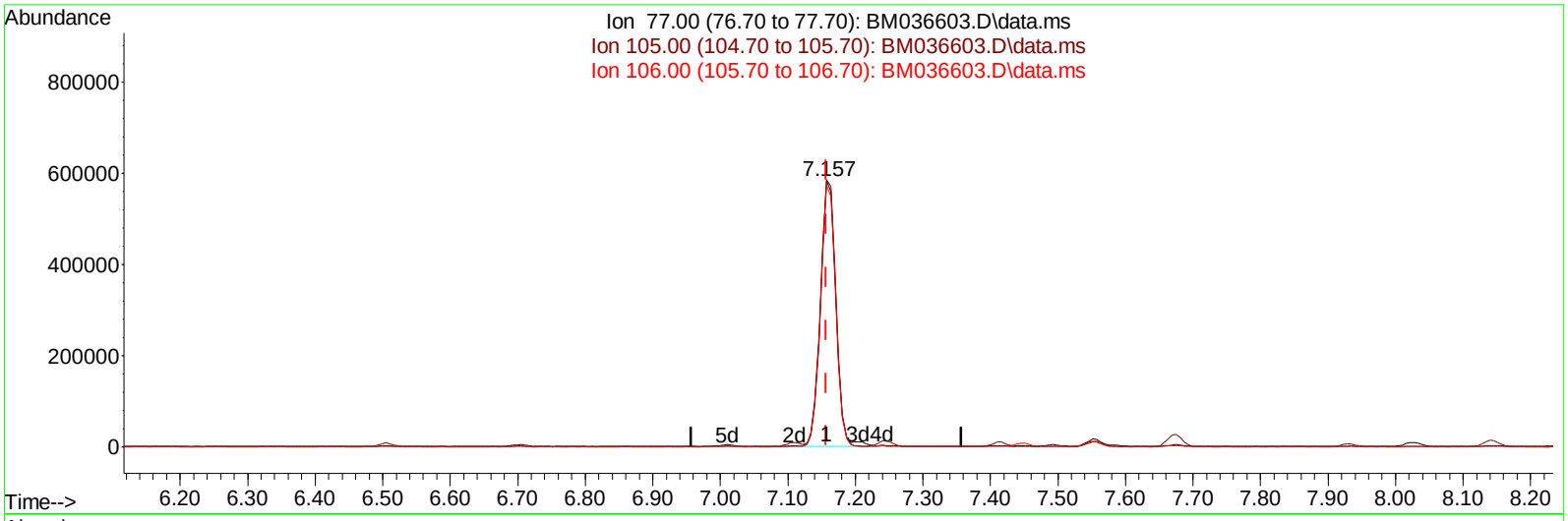
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036603.D
Acq On : 20 Sep 2022 05:36
Operator : CG/JU
Sample : N4604-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

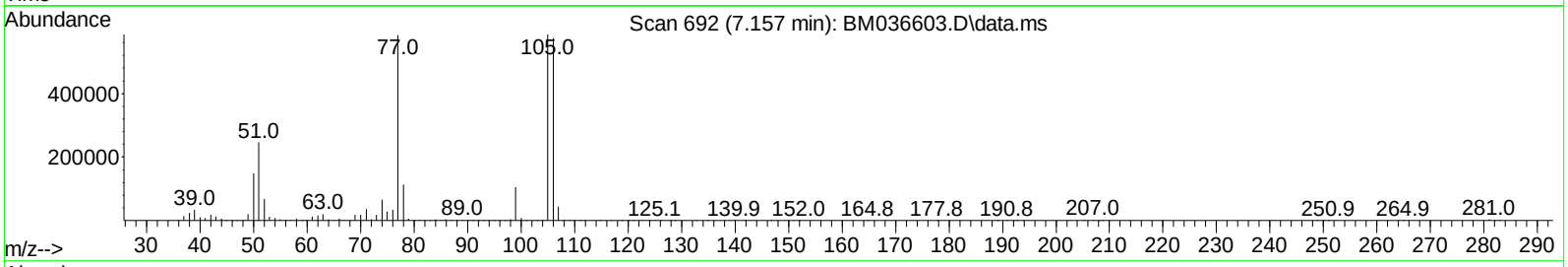
Quant Time: Sep 20 06:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

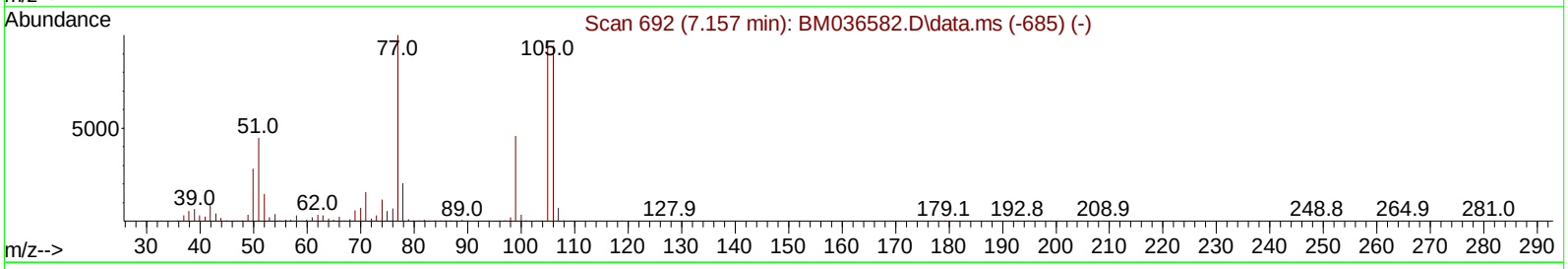
Instrument :
BNA_M
ClientSampleId :
A5748MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036603.D\data.ms

(6) Benzaldehyde

7.157min (+ 0.000) 50.82 ng/ul m

response 937820

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	100.33
106.00	91.30	98.28
0.00	0.00	0.00

Quantitation Report (Qedit)

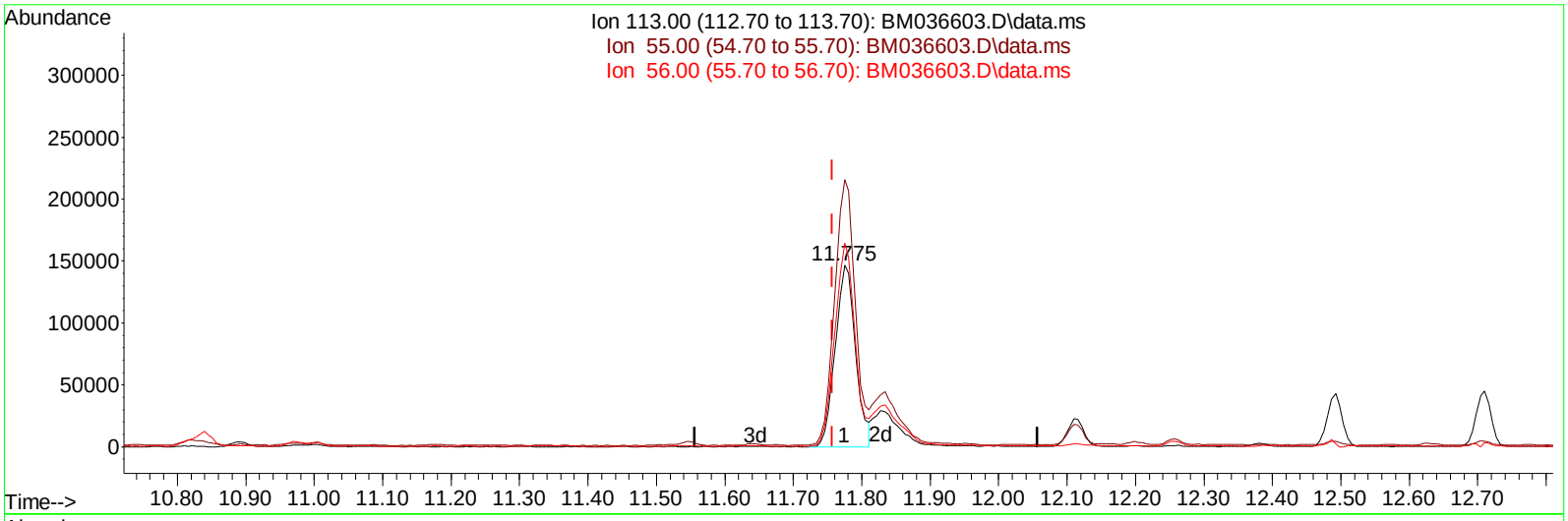
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036603.D
Acq On : 20 Sep 2022 05:36
Operator : CG/JU
Sample : N4604-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

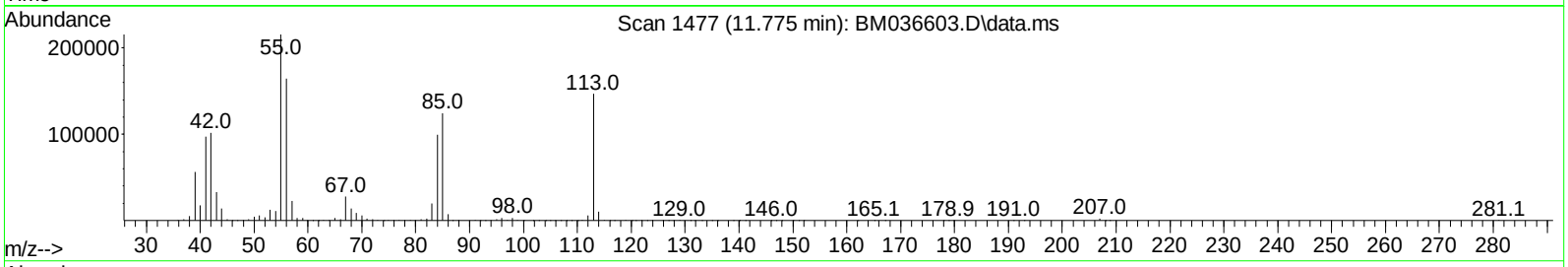
Quant Time: Sep 20 06:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

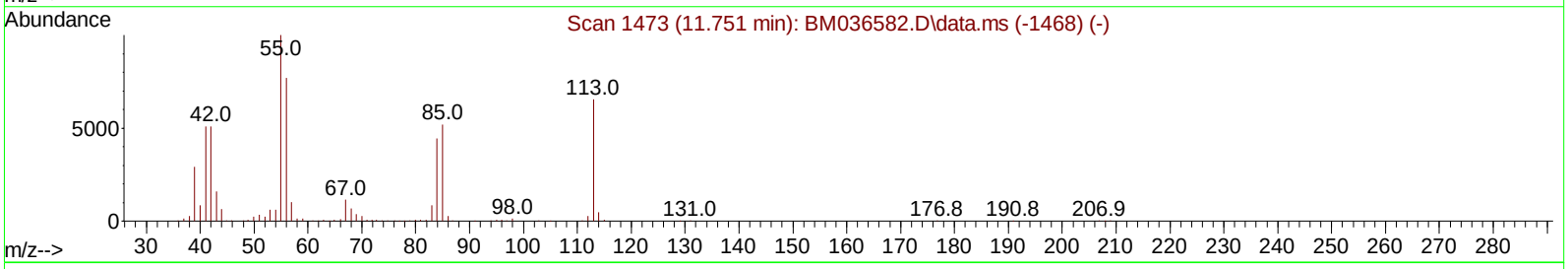
Instrument :
BNA_M
ClientSampleId :
A5748MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036603.D\data.ms

(34) Caprolactam

11.775min (+ 0.018) 33.92 ng/ul

response 302139

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	146.99
56.00	118.30	112.26
0.00	0.00	0.00

Quantitation Report (Qedit)

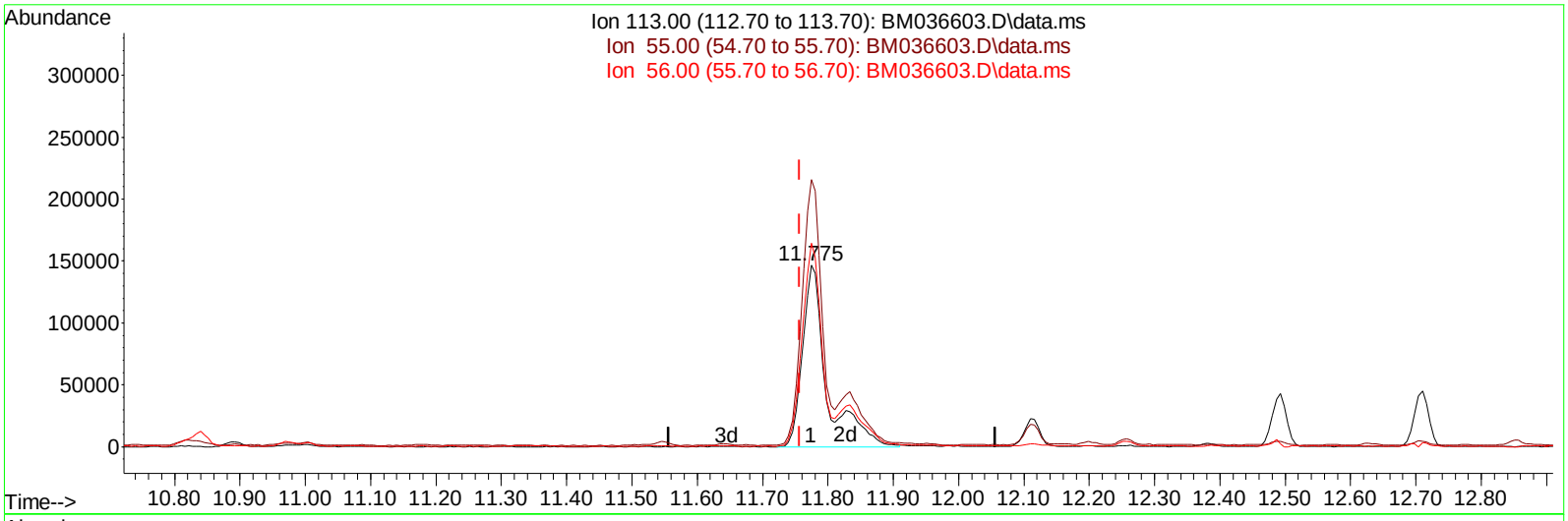
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036603.D
Acq On : 20 Sep 2022 05:36
Operator : CG/JU
Sample : N4604-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

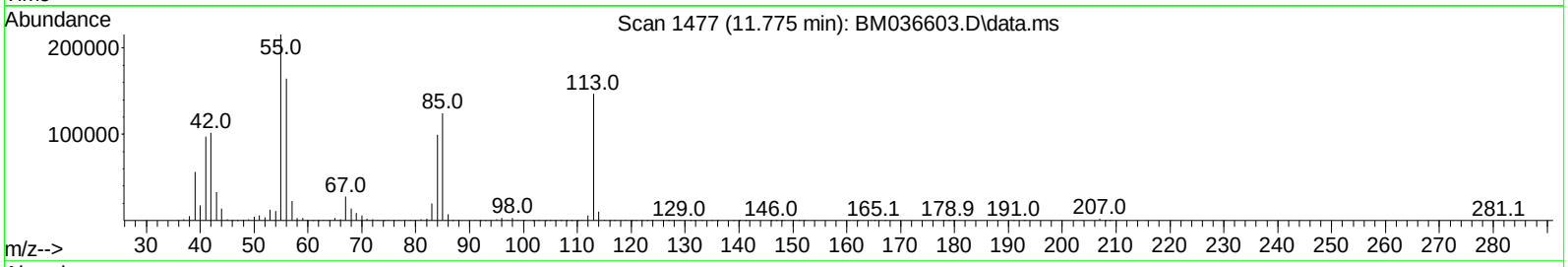
Quant Time: Sep 20 06:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

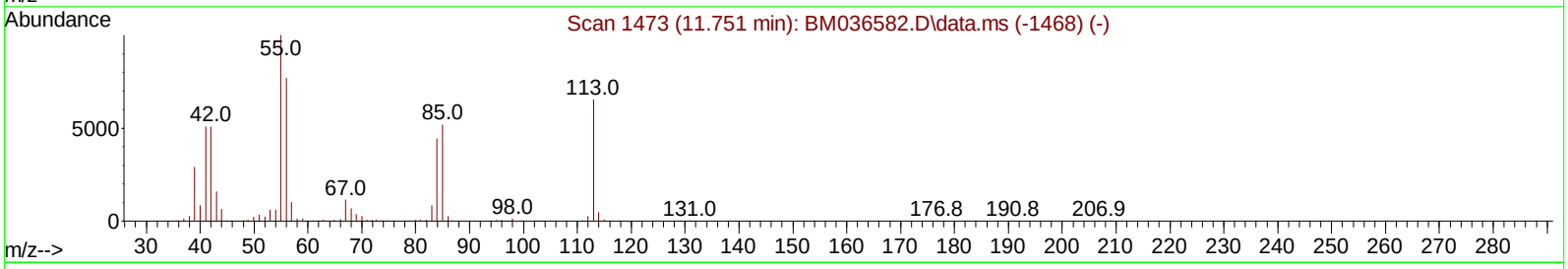
Instrument :
BNA_M
ClientSampleId :
A5748MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036603.D\data.ms

(34) Caprolactam

11.775min (+ 0.018) 42.64 ng/ul m

response 379822

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	146.99
56.00	118.30	112.26
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036603.D
Acq On : 20 Sep 2022 05:36
Operator : CG/JU
Sample : N4604-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 20 06:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A5748MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	426395	20.000	ng/ul	0.00
20) Naphthalene-d8	10.840	136	1859195	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1135737	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2242686	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	1540638	20.000	ng/ul	0.00
88) Perylene-d12	24.003	264	1348724	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	56667	4.982	ng/uL	0.00
4) Pyridine-d5	3.822	84	65563	1.976	ng/ul	0.00
7) Phenol-d5	7.181	99	1318388	34.599	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.352	67	772666	33.390	ng/ul	0.00
11) 2-Chlorophenol-d4	7.552	132	1062940	38.746	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	1017646	36.144	ng/ul	0.00
21) Nitrobenzene-d5	9.193	128	539878	42.902	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	561747	49.837	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	1052578	40.294	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	657633	15.142	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2957212	38.606	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	3646161	40.130	ng/ul	0.00
54) 4-Nitrophenol-d4	14.833	143	466238	31.382	ng/ul	0.00
60) Fluorene-d10	15.639	176	2818742	41.063	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	390573	44.018	ng/ul	0.00
73) Anthracene-d10	17.486	188	3913713	38.167	ng/ul	0.00
81) Pyrene-d10	19.768	212	4057628	53.535	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.845	264	2643312	40.115	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	143899	11.744	ng/uL	96
5) Pyridine	3.840	79	587552	17.630	ng/ul	90
6) Benzaldehyde	7.157	77	937820m	50.825	ng/ul	
8) Phenol	7.204	94	1572181	38.443	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.446	93	1145497	36.000	ng/ul	98
12) 2-Chlorophenol	7.587	128	1168992	39.392	ng/ul	97
13) 2-Methylphenol	8.469	108	1151878	38.319	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.557	45	1303094	34.553	ng/ul	98
16) Acetophenone	8.857	105	1851692	37.916	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.846	70	868826	36.870	ng/ul#	92
18) 4-Methylphenol	8.798	108	1268609	39.027	ng/ul	99
19) Hexachloroethane	9.116	117	465997	38.768	ng/ul	92
22) Nitrobenzene	9.234	77	1306369	39.100	ng/ul	95
23) Isophorone	9.769	82	2563658	37.632	ng/ul	97
25) 2-Nitrophenol	9.951	139	651053	46.764	ng/ul	97
26) 2,4-Dimethylphenol	10.010	107	1324434	38.571	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.251	93	1510103	37.190	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	1136528	41.385	ng/ul	99
30) Naphthalene	10.892	128	4025600	39.746	ng/ul	100
32) 4-Chloroaniline	10.998	127	1104262	24.627	ng/ul	98
33) Hexachlorobutadiene	11.175	225	637897	37.979	ng/ul	99
34) Caprolactam	11.775	113	379822m	42.638	ng/ul	
35) 4-Chloro-3-methylphenol	12.116	107	1253267	41.342	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036603.D
Acq On : 20 Sep 2022 05:36
Operator : CG/JU
Sample : N4604-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 20 06:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A5748MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.492	142	2738450	40.581	ng/ul	99
37) 1-Methylnaphthalene	12.710	142	2750542	40.545	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	1254585	39.028	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	477834	28.523	ng/ul	99
41) 2,4,6-Trichlorophenol	13.092	196	866910	44.044	ng/ul	100
42) 2,4,5-Trichlorophenol	13.163	196	948355	44.940	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	3273156	39.096	ng/ul	99
44) 2-Chloronaphthalene	13.533	162	2565099	39.045	ng/ul	99
45) 2-Nitroaniline	13.733	65	768826	47.546	ng/ul	93
47) Dimethylphthalate	14.110	163	3183596	39.181	ng/ul	99
48) 2,6-Dinitrotoluene	14.228	165	664054	50.268	ng/ul	93
50) Acenaphthylene	14.375	152	5019617	48.321	ng/ul	99
51) 3-Nitroaniline	14.557	138	708771	44.735	ng/ul#	93
52) Acenaphthene	14.716	153	2909536	40.030	ng/ul	100
53) 2,4-Dinitrophenol	14.763	184	297216	50.705	ng/ul	92
55) 4-Nitrophenol	14.851	109	487759	38.405	ng/ul	93
56) Dibenzofuran	15.051	168	3861809	39.562	ng/ul	98
57) 2,4-Dinitrotoluene	15.010	165	945800	49.247	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.269	232	768445	43.502	ng/ul#	98
59) Diethylphthalate	15.469	149	3266737	40.162	ng/ul	100
61) Fluorene	15.698	166	3347582	40.266	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.686	204	1507942	37.927	ng/ul	99
63) 4-Nitroaniline	15.710	138	767841	49.881	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.769	198	450378	44.980	ng/ul#	93
67) N-Nitrosodiphenylamine	15.898	169	2713237	41.077	ng/ul	98
68) 4-Bromophenyl-phenylether	16.580	248	918329	41.544	ng/ul	96
69) Hexachlorobenzene	16.692	284	1061600	40.604	ng/ul	100
70) Atrazine	16.851	200	950321	40.771	ng/ul	98
71) Pentachlorophenol	17.033	266	595743	38.360	ng/ul	98
72) Phenanthrene	17.433	178	7938061	64.260	ng/ul	98
74) Anthracene	17.521	178	6140422	48.904	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.457	216	1316520	42.920	ng/uL	100
76) Pentachlorobenzene	14.969	250	1190550	35.886	ng/uL	99
77) Carbazole	17.786	167	4748773	40.850	ng/ul	99
78) Di-n-butylphthalate	18.357	149	5835027	44.285	ng/ul	99
80) Fluoranthene	19.439	202	13092242	140.962	ng/ul	95
82) Pyrene	19.804	202	13323252	135.518	ng/ul	95
83) Butylbenzylphthalate	20.692	149	2338396	62.770	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.468	252	771251	25.620	ng/ul	98
85) Benzo(a)anthracene	21.539	228	9149115	94.780	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.468	149	3449525	63.389	ng/ul	99
87) Chrysene	21.598	228	8468137	92.422	ng/ul	97
89) Di-n-octyl phthalate	22.415	149	5160059	63.461	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	9791882	114.488	ng/ul	98
91) Benzo(k)fluoranthene	23.309	252	6330826	74.079	ng/ul	98
93) Benzo(a)pyrene	23.903	252	6860545	91.246	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.562	276	6119696	69.698	ng/ul	98
95) Dibenzo(a,h)anthracene	26.580	278	3942369	49.510	ng/ul	99
96) Benzo(g,h,i)perylene	27.350	276	4772946	62.705	ng/ul	99

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

Instrument :
BNA_M
ClientSampleId :
A5748MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036603.D
Acq On : 20 Sep 2022 05:36
Operator : CG/JU
Sample : N4604-02MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 20 06:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A5748MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022