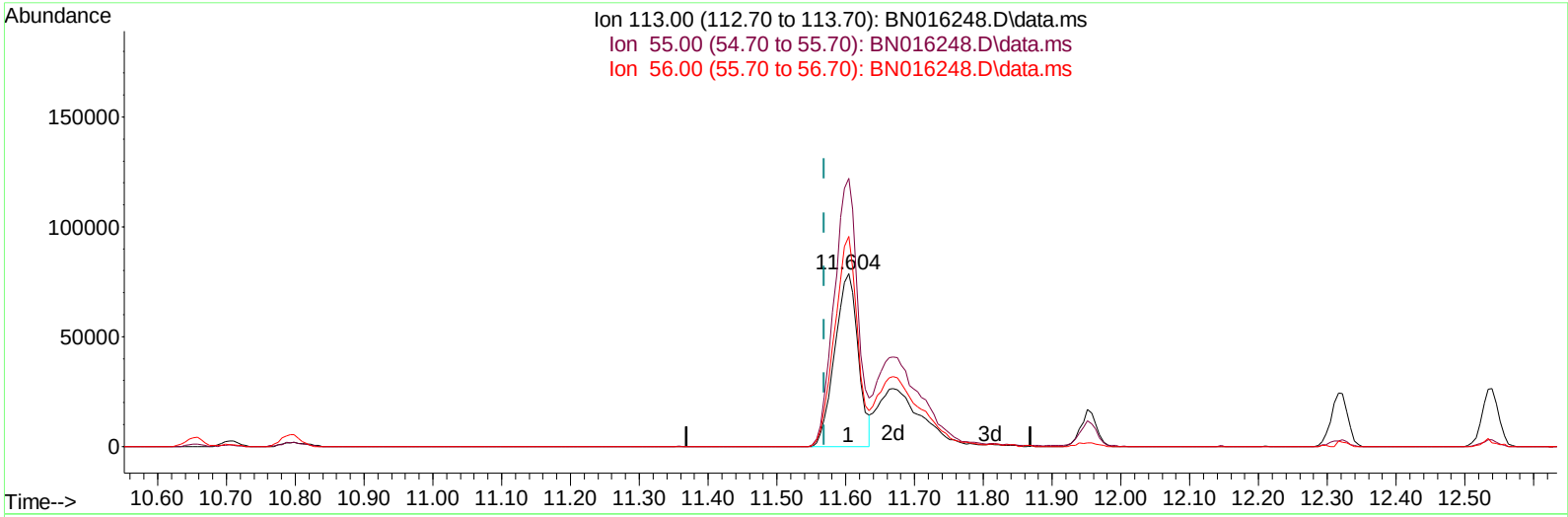
Quantitation Report (Qedit)

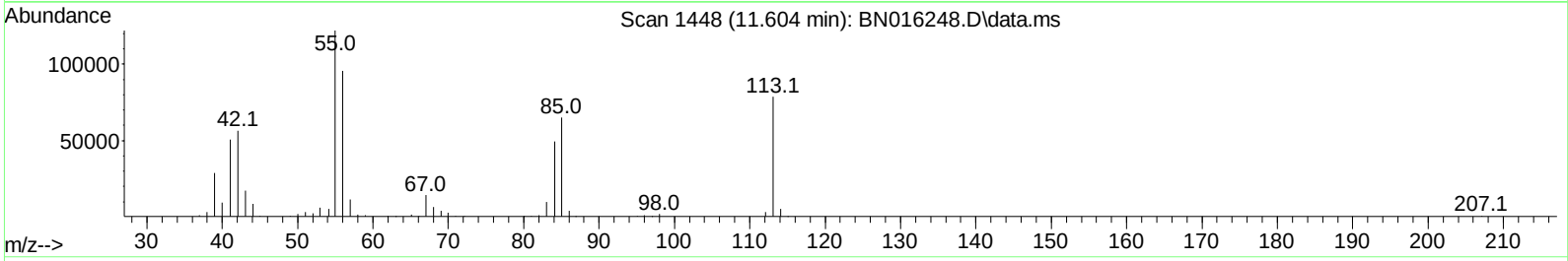
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
Data File : BN016248.D
Acq On : 08 Sep 2021 18:32
Operator : CG/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

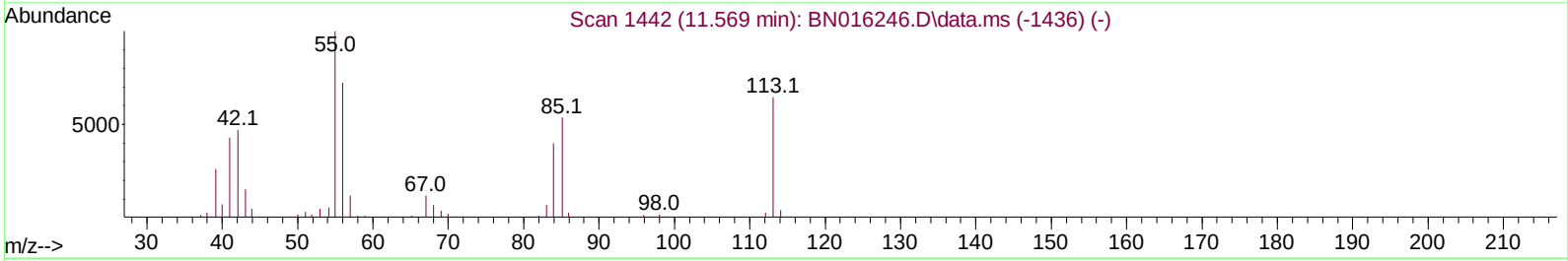
Quant Time: Sep 08 19:21:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN090821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 08 17:50:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080212

Manual Integrations APPROVED
mohammad
9/9/2021 11:52:17 AM







TIC: BN016248.D\data.ms

(34) Caprolactam

11.604min (+ 0.035) 57.34 ng/ul

response 185458

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	155.18
56.00	111.80	121.83
0.00	0.00	0.00

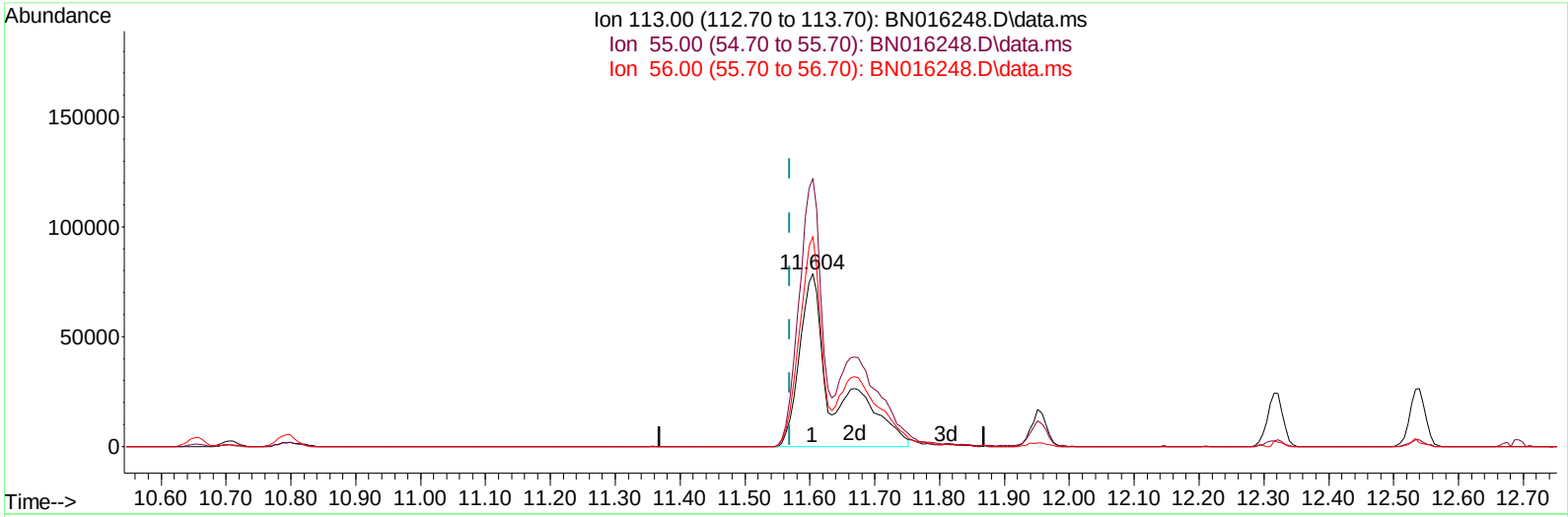
Quantitation Report (Qedit)

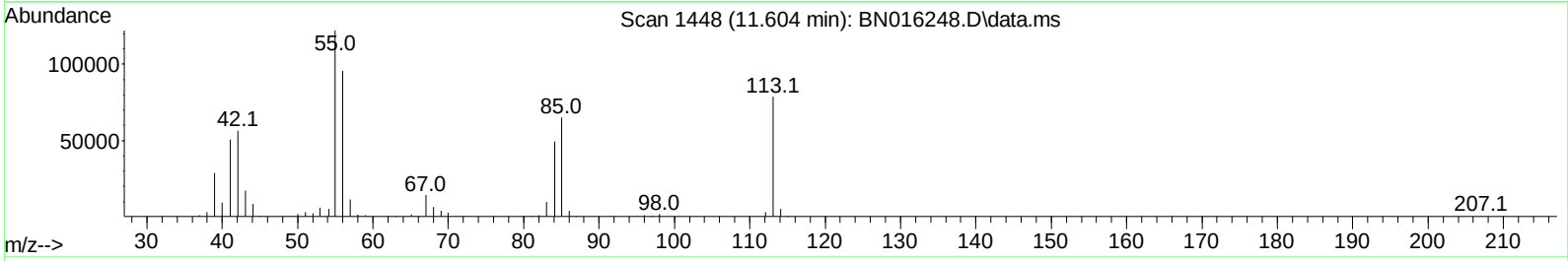
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
Data File : BN016248.D
Acq On : 08 Sep 2021 18:32
Operator : CG/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

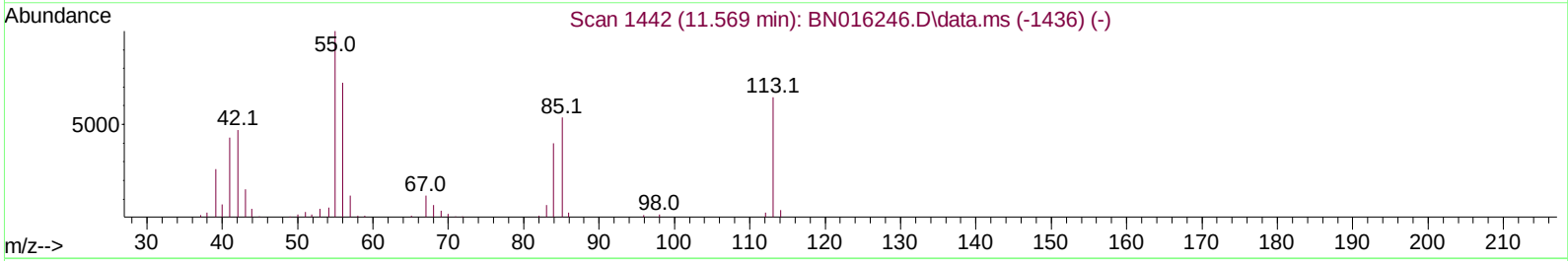
Quant Time: Sep 08 19:21:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN090821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 08 17:50:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080212

Manual Integrations APPROVED
mohammad
9/9/2021 11:52:17 AM







TIC: BN016248.D\data.ms

(34) Caprolactam

11.604min (+ 0.035) 92.05 ng/ul m

response 297751

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	154.80	155.18
56.00	111.80	121.83
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
Data File : BN016248.D
Acq On : 08 Sep 2021 18:32
Operator : CG/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD080212

Manual Integrations APPROVED
mohammad
9/9/2021 11:52:17 AM

Quant Time: Sep 08 19:21:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN090821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 08 17:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	167299	20.000	ng/ul	0.00
20) Naphthalene-d8	10.657	136	702441	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.492	164	459951	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.239	188	945384	20.000	ng/ul	0.00
79) Chrysene-d12	21.433	240	941508	20.000	ng/ul	0.00
88) Perylene-d12	23.827	264	994609	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	109846	25.576	ng/uL	0.00
4) Pyridine-d5	3.705	84	814148	67.826	ng/ul	0.00
7) Phenol-d5	7.022	99	1063764	70.294	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	563473	60.475	ng/ul	0.00
11) 2-Chlorophenol-d4	7.387	132	916728	85.132	ng/ul	0.00
15) 4-Methylphenol-d8	8.569	113	861805	73.219	ng/ul	0.00
21) Nitrobenzene-d5	9.016	128	441780	85.450	ng/ul	0.00
24) 2-Nitrophenol-d4	9.740	143	510586	105.522	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	901836	86.129	ng/ul	0.00
31) 4-Chloroaniline-d4	10.793	131	1203079	75.484	ng/ul	0.00
46) Dimethylphthalate-d6	13.904	166	2421950	71.850	ng/ul	0.00
49) Acenaphthylene-d8	14.187	160	3205389	75.931	ng/ul	0.00
54) 4-Nitrophenol-d4	14.710	143	490812	82.324	ng/ul	0.01
60) Fluorene-d10	15.486	176	2110274	71.770	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	468574	92.808	ng/ul	0.01
73) Anthracene-d10	17.345	188	3364175	75.922	ng/ul	0.00
81) Pyrene-d10	19.639	212	3636273	71.704	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.680	264	4029723	74.934	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	118378	26.812	ng/uL	93
5) Pyridine	3.722	79	794277	64.182	ng/ul	98
6) Benzaldehyde	6.993	77	648406	83.274	ng/ul	99
8) Phenol	7.052	94	1080283	70.025	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.275	93	818571	67.728	ng/ul	99
12) 2-Chlorophenol	7.416	128	917206	82.867	ng/ul	99
13) 2-Methylphenol	8.299	108	841995	74.509	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1068899	69.253	ng/ul	98
16) Acetophenone	8.681	105	1286925	67.754	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.675	70	602691	64.978	ng/ul	99
18) 4-Methylphenol	8.640	108	900480	74.453	ng/ul	96
19) Hexachloroethane	8.928	117	357835	71.193	ng/ul	95
22) Nitrobenzene	9.057	77	882889	60.392	ng/ul	97
23) Isophorone	9.587	82	1733667	68.165	ng/ul	99
25) 2-Nitrophenol	9.769	139	536490	101.673	ng/ul	98
26) 2,4-Dimethylphenol	9.834	107	966315	68.562	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.069	93	1083632	69.367	ng/ul	99
29) 2,4-Dichlorophenol	10.304	162	871178	84.387	ng/ul	99
30) Naphthalene	10.704	128	2783651	73.991	ng/ul	99
32) 4-Chloroaniline	10.816	127	1226156	77.923	ng/ul	98
33) Hexachlorobutadiene	10.987	225	555882	70.079	ng/ul	98
34) Caprolactam	11.604	113	297751m	92.054	ng/ul	
35) 4-Chloro-3-methylphenol	11.951	107	912499	74.622	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
Data File : BN016248.D
Acq On : 08 Sep 2021 18:32
Operator : CG/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD080212

Manual Integrations APPROVED
mohammad
9/9/2021 11:52:17 AM

Quant Time: Sep 08 19:21:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN090821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 08 17:50:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.316	142	1938739	74.105	ng/ul	100
37) 1-Methylnaphthalene	12.540	142	1941104	74.541	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.687	216	1054340	70.857	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	654257	67.820	ng/ul	94
41) 2,4,6-Trichlorophenol	12.934	196	712150	87.529	ng/ul	100
42) 2,4,5-Trichlorophenol	13.004	196	761571	85.734	ng/ul	96
43) 1,1'-Biphenyl	13.328	154	2506950	70.487	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	2003709	72.961	ng/ul	100
45) 2-Nitroaniline	13.581	65	551455	70.865	ng/ul	98
47) Dimethylphthalate	13.957	163	2403457	71.927	ng/ul	100
48) 2,6-Dinitrotoluene	14.081	165	553038	91.390	ng/ul	98
50) Acenaphthylene	14.216	152	3254808	81.107	ng/ul	97
51) 3-Nitroaniline	14.410	138	603393	92.737	ng/ul	99
52) Acenaphthene	14.557	153	2033411	70.055	ng/ul	99
53) 2,4-Dinitrophenol	14.616	184	325802	96.895	ng/ul	92
55) 4-Nitrophenol	14.728	109	320762	54.984	ng/ul	99
56) Dibenzofuran	14.898	168	2944658	73.379	ng/ul	99
57) 2,4-Dinitrotoluene	14.869	165	787173	90.312	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.128	232	628661	85.529	ng/ul	94
59) Diethylphthalate	15.322	149	2403562	71.934	ng/ul	100
61) Fluorene	15.545	166	2325726	71.022	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.539	204	1187772	69.557	ng/ul	98
63) 4-Nitroaniline	15.575	138	623115	99.950	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.634	198	448321	89.278	ng/ul#	95
67) N-Nitrosodiphenylamine	15.751	169	2111849	76.534	ng/ul	99
68) 4-Bromophenyl-phenylether	16.433	248	753433	74.267	ng/ul	96
69) Hexachlorobenzene	16.551	284	880737	74.291	ng/ul	98
70) Atrazine	16.710	200	817400	81.669	ng/ul	99
71) Pentachlorophenol	16.898	266	505081	75.942	ng/ul	93
72) Phenanthrene	17.286	178	3749239	72.951	ng/ul	99
74) Anthracene	17.381	178	3900978	74.347	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.292	216	1107969	74.405	ng/uL	96
76) Pentachlorobenzene	14.816	250	1077785	74.356	ng/uL	97
77) Carbazole	17.651	167	3597136	77.973	ng/ul	100
78) Di-n-butylphthalate	18.210	149	4314357	82.251	ng/ul	100
80) Fluoranthene	19.304	202	4539576	73.986	ng/ul	99
82) Pyrene	19.669	202	4574139	71.629	ng/ul	98
83) Butylbenzylphthalate	20.563	149	1955961	91.082	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	1516895	78.679	ng/ul	94
85) Benzo(a)anthracene	21.421	228	4526244	74.718	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	2773477	81.434	ng/ul	99
87) Chrysene	21.474	228	4362377	74.379	ng/ul	99
89) Di-n-octyl phthalate	22.268	149	5112421	81.214	ng/ul	100
90) Benzo(b)fluoranthene	23.098	252	4923088	75.288	ng/ul	98
91) Benzo(k)fluoranthene	23.151	252	4260102	65.434	ng/ul	100
93) Benzo(a)pyrene	23.727	252	4613873	77.947	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.321	276	5258931	71.652	ng/ul	96
95) Dibenzo(a,h)anthracene	26.333	278	4443961	73.343	ng/ul	97
96) Benzo(g,h,i)perylene	27.080	276	4473660	73.721	ng/ul	98

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

Instrument :
BNA_N
ClientSampleId :
SSTD080212

Manual Integrations APPROVED

mohammad
9/9/2021 11:52:17 AM

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090821\
Data File : BN016248.D
Acq On : 08 Sep 2021 18:32
Operator : CG/JU
Sample : SSTD08012
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 08 19:21:26 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN090821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 08 17:50:31 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080212

Manual Integrations APPROVED
mohammad
9/9/2021 11:52:17 AM