Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022164.D
Acq On : 17 Oct 2022 22:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 23:29:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020346

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	182860	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	879614	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	566258	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1135841	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	1000054	20.000	ng/ul	-0.01
88) Perylene-d12	24.051	264	856945	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	35381	7.333	ng/uL	0.00
4) Pyridine-d5	3.693	84	269252	17.941	ng/ul	0.00
7) Phenol-d5	7.110	99	333460	18.654	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	204192	18.228	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	249709	20.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	268970	18.935	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	130134	20.176	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	143298	21.676	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.398	165	252480	20.346	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	380397	18.750	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	717388	18.174	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	856002	19.420	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	150261	17.834	ng/ul	0.00
60) Fluorene-d10	15.622	176	618046	18.564	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	102830	15.869	ng/ul	0.00
73) Anthracene-d10	17.480	188	941653	19.077	ng/ul	0.00
81) Pyrene-d10	19.780	212	1030629	20.699	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	787994	18.750	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	36897	7.017	ng/uL	99
5) Pyridine	3.711	79	267105	17.941	ng/ul	97
6) Benzaldehyde	7.081	77	191144	21.652	ng/ul	96
8) Phenol	7.134	94	351507	18.525	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	276354	18.308	ng/ul	100
12) 2-Chlorophenol	7.505	128	267236	19.526	ng/ul	97
13) 2-Methylphenol	8.404	108	269380	18.989	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.487	45	389878	18.050	ng/ul	100
16) Acetophenone	8.793	105	425584	18.752	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.775	70	224670	18.587	ng/ul	98
18) 4-Methylphenol	8.740	108	297247	18.713	ng/ul	98
19) Hexachloroethane	9.040	117	104965	19.644	ng/ul	97
22) Nitrobenzene	9.175	77	329811	19.365	ng/ul	99
23) Isophorone	9.704	82	638706	18.995	ng/ul	99
25) 2-Nitrophenol	9.893	139	158603	20.329	ng/ul	99
26) 2,4-Dimethylphenol	9.951	107	319633	19.431	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.193	93	385412	18.330	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	260916	20.161	ng/ul	97
30) Naphthalene	10.834	128	883038	18.740	ng/ul	99
32) 4-Chloroaniline	10.951	127	388489	18.472	ng/ul	98
33) Hexachlorobutadiene	11.110	225	140486	19.784	ng/ul	94
34) Caprolactam	11.740	113	88811m	17.662	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	302244	19.372	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	611614	18.795	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022164.D
Acq On : 17 Oct 2022 22:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 23:29:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020346

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	613823	18.837	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.816	216	283819	19.321	ng/ul	98
40) Hexachlorocyclopentadiene	12.787	237	106233	12.936	ng/ul	94
41) 2,4,6-Trichlorophenol	13.057	196	202607	20.228	ng/ul	96
42) 2,4,5-Trichlorophenol	13.134	196	215699	19.337	ng/ul	99
43) 1,1'-Biphenyl	13.463	154	761871	18.430	ng/ul	96
44) 2-Chloronaphthalene	13.504	162	614667	19.030	ng/ul	95
45) 2-Nitroaniline	13.716	65	200734	20.061	ng/ul	99
47) Dimethylphthalate	14.087	163	754398	17.780	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	157794	19.854	ng/ul	96
50) Acenaphthylene	14.351	152	957118	19.014	ng/ul	99
51) 3-Nitroaniline	14.539	138	179822	19.162	ng/ul	97
52) Acenaphthene	14.692	153	671893	18.822	ng/ul	97
53) 2,4-Dinitrophenol	14.745	184	60834	11.299	ng/ul	98
55) 4-Nitrophenol	14.845	109	120979	17.709	ng/ul	94
56) Dibenzofuran	15.028	168	884988	18.168	ng/ul	96
57) 2,4-Dinitrotoluene	14.998	165	224861	19.313	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.257	232	176144	18.974	ng/ul	90
59) Diethylphthalate	15.451	149	779641	18.090	ng/ul	99
61) Fluorene	15.681	166	712755	18.201	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.669	204	328342	17.894	ng/ul	92
63) 4-Nitroaniline	15.710	138	185815	21.221	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	110193	15.840	ng/ul	95
67) N-Nitrosodiphenylamine	15.886	169	628672	19.139	ng/ul	95
68) 4-Bromophenyl-phenylether	16.569	248	205617	20.492	ng/ul	84
69) Hexachlorobenzene	16.680	284	232883	19.067	ng/ul	98
70) Atrazine	16.845	200	215972	19.524	ng/ul	98
71) Pentachlorophenol	17.028	266	127492	16.881	ng/ul	90
72) Phenanthrene	17.428	178	1132782	18.488	ng/ul	99
74) Anthracene	17.516	178	1163094	19.111	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.428	216	286313	20.041	ng/uL	95
76) Pentachlorobenzene	14.945	250	297269	19.386	ng/uL	96
77) Carbazole	17.792	167	1112930	19.771	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1372721	19.676	ng/ul	99
80) Fluoranthene	19.445	202	1322414	21.158	ng/ul	97
82) Pyrene	19.816	202	1343245	20.543	ng/ul	98
83) Butylbenzylphthalate	20.710	149	637257	22.463	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.498	252	381296	17.630	ng/ul	95
85) Benzo(a)anthracene	21.568	228	1208103	18.906	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.486	149	967787	23.586	ng/ul	99
87) Chrysene	21.621	228	1134231	18.470	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	1635822	26.942	ng/ul	100
90) Benzo(b)fluoranthene	23.286	252	1095443	20.268	ng/ul	97
91) Benzo(k)fluoranthene	23.339	252	1012270	18.957	ng/ul	99
93) Benzo(a)pyrene	23.939	252	892908	18.484	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.633	276	938502	15.544	ng/ul	98
95) Dibenzo(a,h)anthracene	26.662	278	871747	16.138	ng/ul	99
96) Benzo(g,h,i)perylene	27.439	276	832509	15.326	ng/ul	97

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

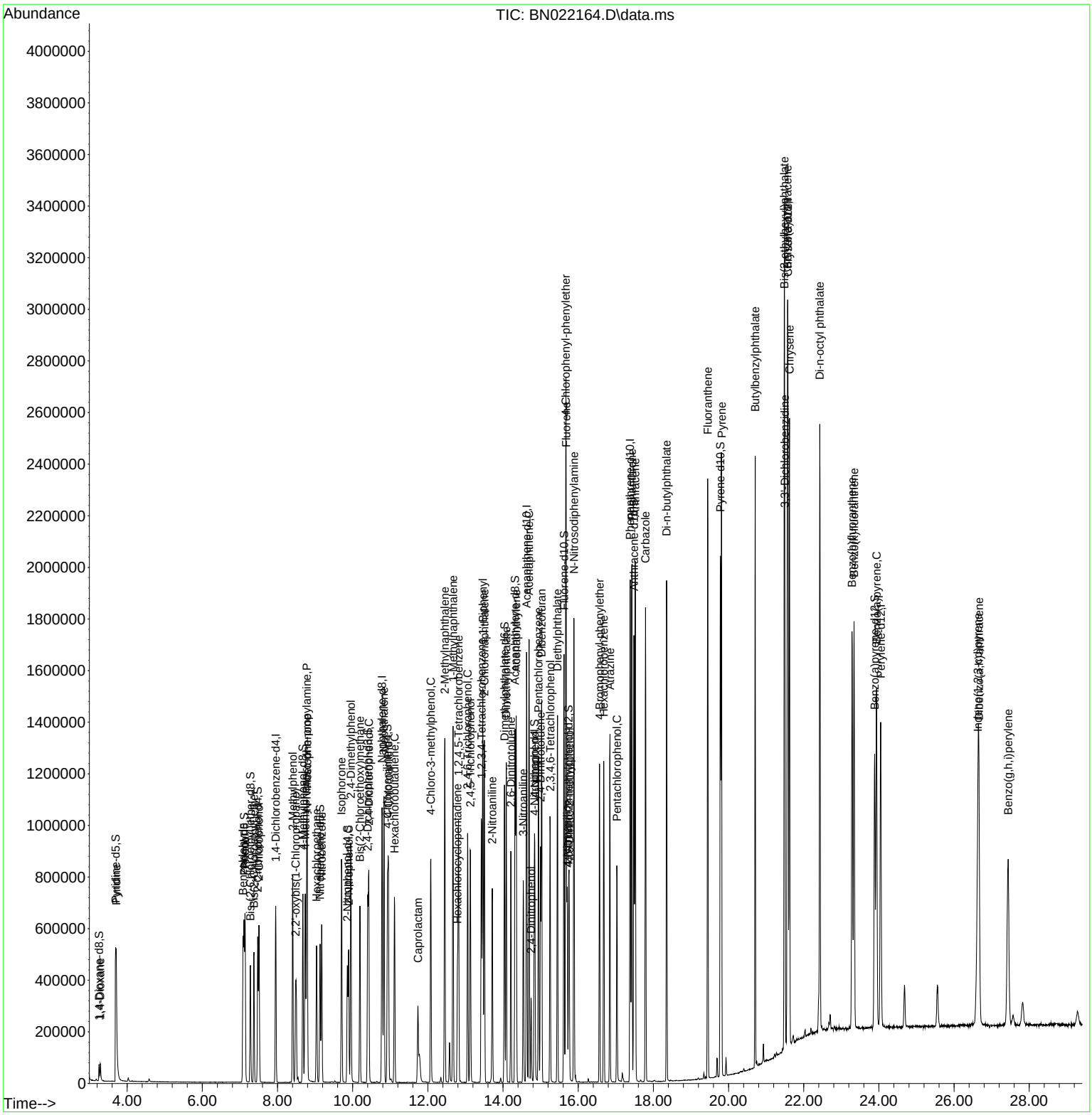
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022164.D
Acq On : 17 Oct 2022 22:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 23:29:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020346

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022



Quantitation Report (Qedit)

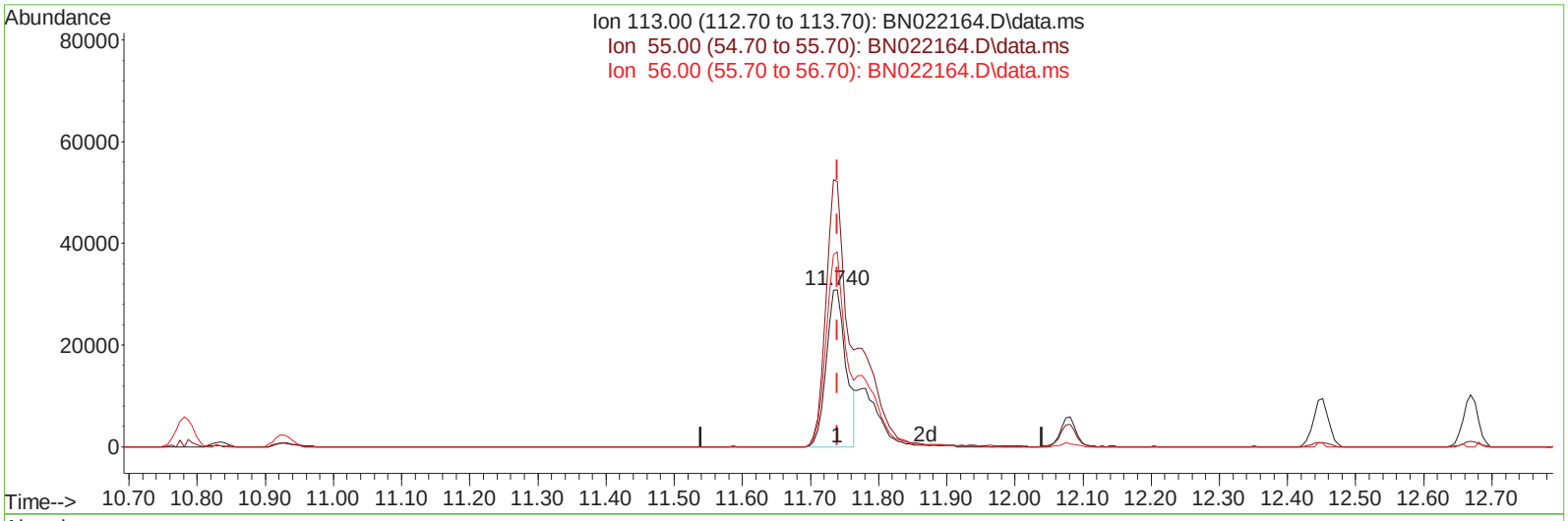
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022164.D
Acq On : 17 Oct 2022 22:57
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

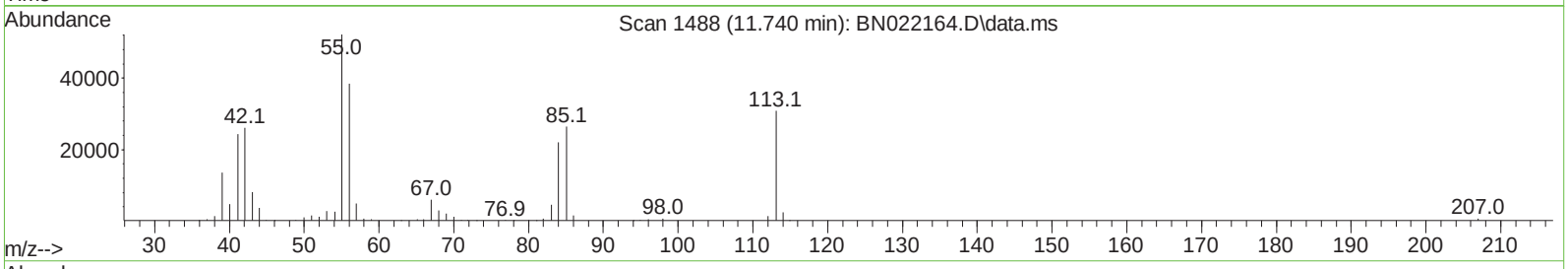
Quant Time: Oct 27 09:57:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

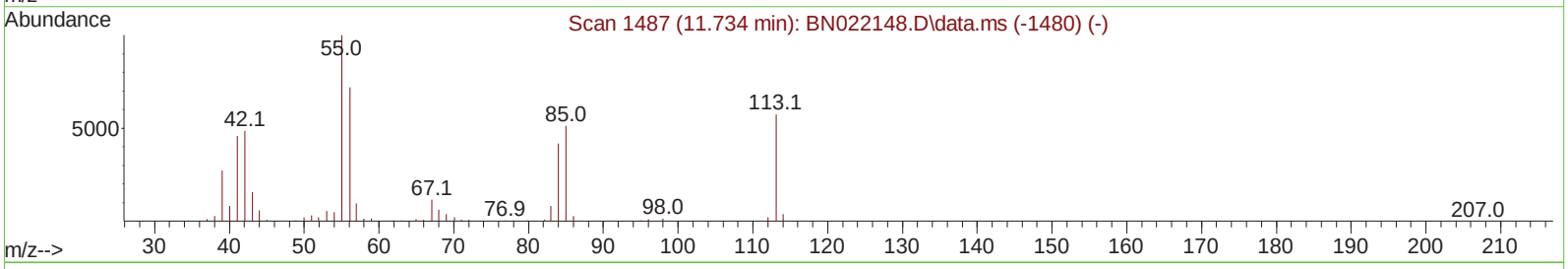
Instrument :
BNA_N
ClientSampleId :
SSTD020346

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022







TIC: BN022164.D\data.ms

(34) Caprolactam

11.740min (-0.000) 12.36 ng/ul

response 62169

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	169.26
56.00	126.70	124.41
0.00	0.00	0.00

Quantitation Report (Qedit)

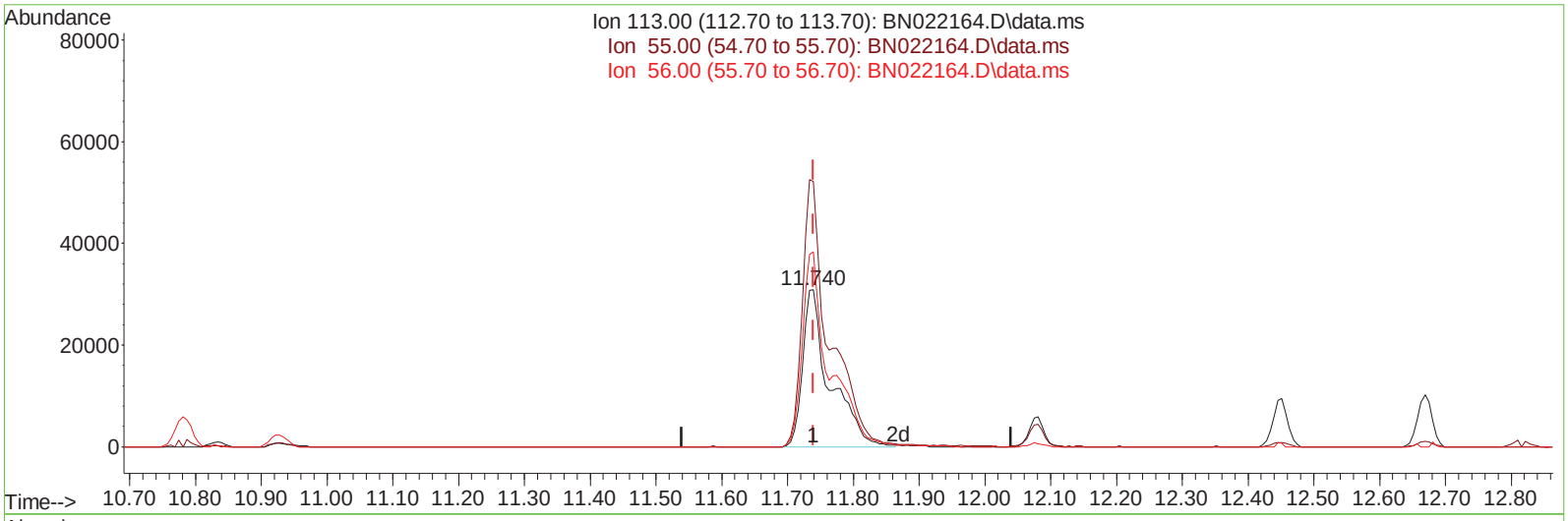
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022164.D
Acq On : 17 Oct 2022 22:57
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

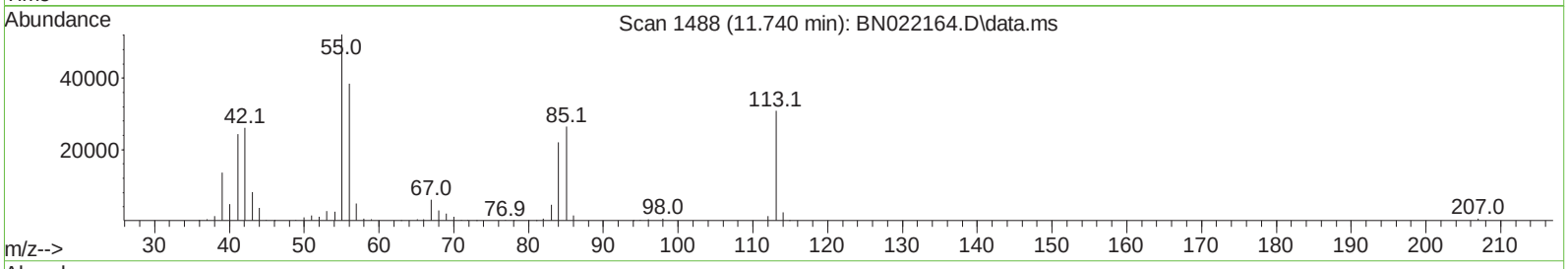
Quant Time: Oct 17 23:29:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

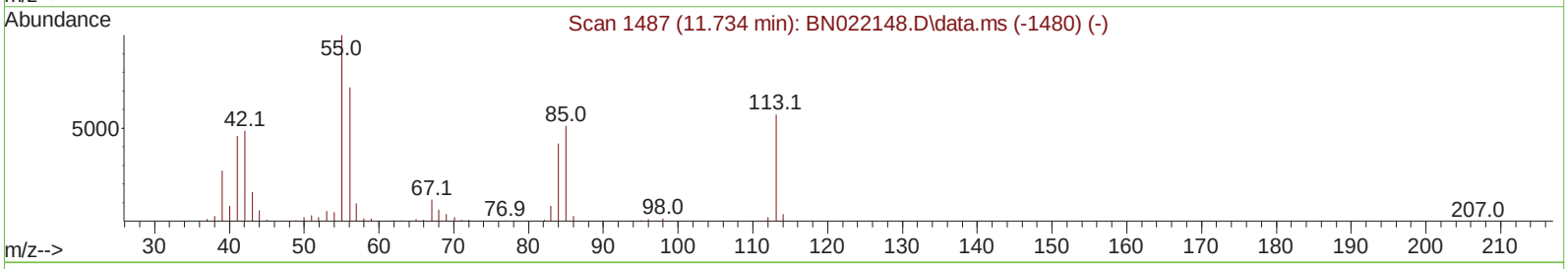
Instrument :
BNA_N
ClientSampleId :
SSTD020346

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022







TIC: BN022164.D\data.ms

(34) Caprolactam

11.740min (-0.000) 17.66 ng/ul m

response 88811

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	173.40	169.26
56.00	126.70	124.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022164.D
Acq On : 17 Oct 2022 22:57
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 23:29:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020346

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	182860	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	879614	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	566258	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	1135841	20.000	ng/ul	-0.01
79) Chrysene-d12	21.580	240	1000054	20.000	ng/ul	-0.01
88) Perylene-d12	24.051	264	856945	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	35381	7.333	ng/uL	0.00
4) Pyridine-d5	3.693	84	269252	17.941	ng/ul	0.00
7) Phenol-d5	7.110	99	333460	18.654	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	204192	18.228	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	249709	20.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.675	113	268970	18.935	ng/ul	0.00
21) Nitrobenzene-d5	9.134	128	130134	20.176	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	143298	21.676	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.398	165	252480	20.346	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	380397	18.750	ng/ul	0.00
46) Dimethylphthalate-d6	14.039	166	717388	18.174	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	856002	19.420	ng/ul	0.00
54) 4-Nitrophenol-d4	14.834	143	150261	17.834	ng/ul	0.00
60) Fluorene-d10	15.622	176	618046	18.564	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	102830	15.869	ng/ul	0.00
73) Anthracene-d10	17.480	188	941653	19.077	ng/ul	0.00
81) Pyrene-d10	19.780	212	1030629	20.699	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	787994	18.750	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	36897	7.017	ng/uL	99
5) Pyridine	3.711	79	267105	17.941	ng/ul	97
6) Benzaldehyde	7.081	77	191144	21.652	ng/ul	96
8) Phenol	7.134	94	351507	18.525	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.375	93	276354	18.308	ng/ul	100
12) 2-Chlorophenol	7.505	128	267236	19.526	ng/ul	97
13) 2-Methylphenol	8.404	108	269380	18.989	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.487	45	389878	18.050	ng/ul	100
16) Acetophenone	8.793	105	425584	18.752	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.775	70	224670	18.587	ng/ul	98
18) 4-Methylphenol	8.740	108	297247	18.713	ng/ul	98
19) Hexachloroethane	9.040	117	104965	19.644	ng/ul	97
22) Nitrobenzene	9.175	77	329811	19.365	ng/ul	99
23) Isophorone	9.704	82	638706	18.995	ng/ul	99
25) 2-Nitrophenol	9.893	139	158603	20.329	ng/ul	99
26) 2,4-Dimethylphenol	9.951	107	319633	19.431	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.193	93	385412	18.330	ng/ul	99
29) 2,4-Dichlorophenol	10.428	162	260916	20.161	ng/ul	97
30) Naphthalene	10.834	128	883038	18.740	ng/ul	99
32) 4-Chloroaniline	10.951	127	388489	18.472	ng/ul	98
33) Hexachlorobutadiene	11.110	225	140486	19.784	ng/ul	94
34) Caprolactam	11.740	113	88811m	17.662	ng/ul	
35) 4-Chloro-3-methylphenol	12.081	107	302244	19.372	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
Data File : BN022164.D
Acq On : 17 Oct 2022 22:57
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 17 23:29:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 03:08:08 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD020346

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/18/2022
Supervised By :mohammad ahmed 10/19/2022

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.451	142	611614	18.795	ng/ul	97
37)	1-Methylnaphthalene	12.669	142	613823	18.837	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	12.816	216	283819	19.321	ng/ul	98
40)	Hexachlorocyclopentadiene	12.787	237	106233	12.936	ng/ul	94
41)	2,4,6-Trichlorophenol	13.057	196	202607	20.228	ng/ul	96
42)	2,4,5-Trichlorophenol	13.134	196	215699	19.337	ng/ul	99
43)	1,1'-Biphenyl	13.463	154	761871	18.430	ng/ul	96
44)	2-Chloronaphthalene	13.504	162	614667	19.030	ng/ul	95
45)	2-Nitroaniline	13.716	65	200734	20.061	ng/ul	99
47)	Dimethylphthalate	14.087	163	754398	17.780	ng/ul	100
48)	2,6-Dinitrotoluene	14.210	165	157794	19.854	ng/ul	96
50)	Acenaphthylene	14.351	152	957118	19.014	ng/ul	99
51)	3-Nitroaniline	14.539	138	179822	19.162	ng/ul	97
52)	Acenaphthene	14.692	153	671893	18.822	ng/ul	97
53)	2,4-Dinitrophenol	14.745	184	60834	11.299	ng/ul	98
55)	4-Nitrophenol	14.845	109	120979	17.709	ng/ul	94
56)	Dibenzofuran	15.028	168	884988	18.168	ng/ul	96
57)	2,4-Dinitrotoluene	14.998	165	224861	19.313	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.257	232	176144	18.974	ng/ul	90
59)	Diethylphthalate	15.451	149	779641	18.090	ng/ul	99
61)	Fluorene	15.681	166	712755	18.201	ng/ul	96
62)	4-Chlorophenyl-phenyle...	15.669	204	328342	17.894	ng/ul	92
63)	4-Nitroaniline	15.710	138	185815	21.221	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.763	198	110193	15.840	ng/ul	95
67)	N-Nitrosodiphenylamine	15.886	169	628672	19.139	ng/ul	95
68)	4-Bromophenyl-phenylether	16.569	248	205617	20.492	ng/ul	84
69)	Hexachlorobenzene	16.680	284	232883	19.067	ng/ul	98
70)	Atrazine	16.845	200	215972	19.524	ng/ul	98
71)	Pentachlorophenol	17.028	266	127492	16.881	ng/ul	90
72)	Phenanthrene	17.428	178	1132782	18.488	ng/ul	99
74)	Anthracene	17.516	178	1163094	19.111	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.428	216	286313	20.041	ng/uL	95
76)	Pentachlorobenzene	14.945	250	297269	19.386	ng/uL	96
77)	Carbazole	17.792	167	1112930	19.771	ng/ul	99
78)	Di-n-butylphthalate	18.351	149	1372721	19.676	ng/ul	99
80)	Fluoranthene	19.445	202	1322414	21.158	ng/ul	97
82)	Pyrene	19.816	202	1343245	20.543	ng/ul	98
83)	Butylbenzylphthalate	20.710	149	637257	22.463	ng/ul	98
84)	3,3'-Dichlorobenzidine	21.498	252	381296	17.630	ng/ul	95
85)	Benzo(a)anthracene	21.568	228	1208103	18.906	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.486	149	967787	23.586	ng/ul	99
87)	Chrysene	21.621	228	1134231	18.470	ng/ul	99
89)	Di-n-octyl phthalate	22.427	149	1635822	26.942	ng/ul	100
90)	Benzo(b)fluoranthene	23.286	252	1095443	20.268	ng/ul	97
91)	Benzo(k)fluoranthene	23.339	252	1012270	18.957	ng/ul	99
93)	Benzo(a)pyrene	23.939	252	892908	18.484	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.633	276	938502	15.544	ng/ul	98
95)	Dibenzo(a,h)anthracene	26.662	278	871747	16.138	ng/ul	99
96)	Benzo(g,h,i)perylene	27.439	276	832509	15.326	ng/ul	97

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