Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
Data File : BF120602.D
Acq On : 11 Jun 2020 14:58
Operator : JU/CG
Sample : L1161-07
Misc : LOD-MDL-WTR-5PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 11 15:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 14:06:19 2020
Response via : Initial Calibration

**Instrument :** BNA_F
**ClientSampleId :** LOD-MDL-WATER-01-QT1-2020

**Manual Integrations APPROVED**
mohammad
6/15/2020 8:42:52 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.80 | 152 | 140846 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.08 | 136 | 518495 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 9.83 | 164 | 274306 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 11.32 | 188 | 528617 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 13.95 | 240 | 420630 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 15.39 | 264 | 487022 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 1161061 | 141.33 | ng | | 0.00 |
| 7) Phenol-d6 | 6.43 | 99 | 1460366 | 142.72 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.36 | 82 | 929964 | 100.26 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.62 | 330 | 455004 | 142.67 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 9.16 | 172 | 1696997 | 94.65 | ng | | 0.00 |
| 79) Terphenyl-d14 | 12.90 | 244 | 1930461 | 101.38 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.48 | 88 | 20794 | 5.341 | ng | | 96 |
| 3) Pyridine | 3.29 | 79 | 39078 | 3.570 | ng | | 94 |
| 4) n-Nitrosodimethylamine | 3.15 | 42 | 20875 | 4.596 | ng | # | 93 |
| 6) Aniline | 6.46 | 93 | 67533 | 5.157 | ng | | 99 |
| 8) 2-Chlorophenol | 6.58 | 128 | 45051 | 4.853 | ng | | 91 |
| 9) Benzaldehyde | 6.35 | 77 | 38627 | 5.968 | ng | | 92 |
| 10) Phenol | 6.45 | 94 | 58943 | 5.399 | ng | | 93 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 44346 | 4.877 | ng | | 96 |
| 12) 1,3-Dichlorobenzene | 6.74 | 146 | 49277 | 4.993 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 6.82 | 146 | 50877 | 5.225 | ng | | 100 |
| 14) 1,2-Dichlorobenzene | 6.97 | 146 | 46790 | 4.933 | ng | | 99 |
| 15) Benzyl Alcohol | 6.93 | 79 | 45543 | 6.276 | ng | | 98 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 65605 | 5.011 | ng | | 99 |
| 17) 2-Methylphenol | 7.05 | 107 | 36049 | 4.553 | ng | | 97 |
| 18) Hexachloroethane | 7.31 | 117 | 18256 | 5.088 | ng | | 92 |
| 19) n-Nitroso-di-n-propylamine | 7.20 | 70 | 32298 | 5.442 | ng | | 96 |
| 20) 3+4-Methylphenols | 7.20 | 107 | 45957 | 4.645 | ng | # | 69 |
| 22) Acetophenone | 7.20 | 105 | 67549 | 5.827 | ng | | 96 |
| 24) Nitrobenzene | 7.38 | 77 | 50472 | 5.200 | ng | | 95 |
| 25) Isophorone | 7.62 | 82 | 85984 | 4.759 | ng | | 99 |
| 26) 2-Nitrophenol | 7.69 | 139 | 21198 | 4.128 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 7.73 | 122 | 24227 | 3.204 | ng | | 99 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 55707 | 5.319 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.94 | 162 | 35693 | 4.644 | ng | | 99 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 42735 | 5.017 | ng | | 99 |
| 31) Naphthalene | 8.10 | 128 | 138873 | 5.455 | ng | | 99 |
| 32) Benzoic acid | 7.79 | 122 | 9537m | 1.644 | ng | | |
| 33) 4-Chloroaniline | 8.15 | 127 | 54959 | 4.703 | ng | | 99 |
| 34) Hexachlorobutadiene | 8.22 | 225 | 24276 | 4.889 | ng | | 99 |
| 35) Caprolactam | 8.47 | 113 | 12039 | 4.897 | ng | # | 82 |
| 36) 4-Chloro-3-methylphenol | 8.63 | 107 | 36949 | 4.812 | ng | | 99 |
| 37) 2-Methylnaphthalene | 8.79 | 142 | 92691 | 5.577 | ng | | 99 |
| 38) 1-Methylnaphthalene | 8.89 | 142 | 86755 | 5.547 | ng | | 99 |
| 40) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 43305 | 5.287 | ng | | 99 |

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
Data File : BF120602.D
Acq On : 11 Jun 2020 14:58
Operator : JU/CG
Sample : L1161-07
Misc : LOD-MDL-WTR-5PPM
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020

**Manual Integrations APPROVED**
mohammad
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Quant Time: Jun 11 15:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 14:06:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 41) Hexachlorocyclopentadiene | 8.95 | 237 | 14734 | 3.210 | ng | | 99 |
| 43) 2,4,6-Trichlorophenol | 9.07 | 196 | 25521 | 4.393 | ng | | 99 |
| 44) 2,4,5-Trichlorophenol | 9.11 | 196 | 26444 | 4.012 | ng | | 95 |
| 46) 1,1'-Biphenyl | 9.26 | 154 | 118756 | 5.798 | ng | | 98 |
| 47) 2-Chloronaphthalene | 9.28 | 162 | 86165 | 5.144 | ng | | 99 |
| 48) 2-Nitroaniline | 9.37 | 65 | 22646 | 4.305 | ng | # | 85 |
| 49) Acenaphthylene | 9.69 | 152 | 139208 | 5.385 | ng | | 98 |
| 50) Dimethylphthalate | 9.55 | 163 | 97466 | 4.934 | ng | | 99 |
| 51) 2,6-Dinitrotoluene | 9.61 | 165 | 19575 | 4.372 | ng | | 91 |
| 52) Acenaphthene | 9.86 | 154 | 81790 | 5.305 | ng | | 99 |
| 53) 3-Nitroaniline | 9.78 | 138 | 21377 | 3.975 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 9.89 | 184 | 4126 | 1.719 | ng | | 92 |
| 55) Dibenzofuran | 10.03 | 168 | 129269 | 5.468 | ng | | 98 |
| 56) 4-Nitrophenol | 9.95 | 139 | 13976 | 3.451 | ng | | 97 |
| 57) 2,4-Dinitrotoluene | 10.02 | 165 | 24075 | 4.052 | ng | | 94 |
| 58) Fluorene | 10.38 | 166 | 97236 | 5.336 | ng | | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 10.16 | 232 | 21731 | 4.190 | ng | | 98 |
| 60) Diethylphthalate | 10.25 | 149 | 98073 | 5.040 | ng | | 98 |
| 61) 4-Chlorophenyl-phenylether | 10.37 | 204 | 49543 | 5.265 | ng | | 93 |
| 62) 4-Nitroaniline | 10.39 | 138 | 21655 | 4.056 | ng | | 98 |
| 63) Azobenzene | 10.53 | 77 | 94752 | 5.365 | ng | | 98 |
| 65) 4,6-Dinitro-2-methylphenol | 10.42 | 198 | 8784 | 2.769 | ng | | 88 |
| 66) n-Nitrosodiphenylamine | 10.49 | 169 | 83158 | 5.123 | ng | | 98 |
| 67) 4-Bromophenyl-phenylether | 10.86 | 248 | 27971 | 4.662 | ng | | 92 |
| 68) Hexachlorobenzene | 10.93 | 284 | 32586 | 5.052 | ng | | 97 |
| 69) Atrazine | 11.01 | 200 | 27288 | 5.432 | ng | | 99 |
| 70) Pentachlorophenol | 11.12 | 266 | 9294 | 2.592 | ng | | 94 |
| 71) Phenanthrene | 11.34 | 178 | 141910 | 5.400 | ng | | 99 |
| 72) Anthracene | 11.39 | 178 | 144550 | 5.457 | ng | | 99 |
| 73) Carbazole | 11.55 | 167 | 128089 | 4.885 | ng | | 99 |
| 74) Di-n-butylphthalate | 11.88 | 149 | 152038 | 5.158 | ng | | 99 |
| 75) Fluoranthene | 12.53 | 202 | 153695 | 5.116 | ng | | 97 |
| 77) Benzidine | 12.65 | 184 | 78019 | 5.484 | ng | # | 93 |
| 78) Pyrene | 12.76 | 202 | 160307 | 5.380 | ng | | 98 |
| 80) Butylbenzylphthalate | 13.37 | 149 | 60720 | 4.589 | ng | | 98 |
| 81) Benzo(a)anthracene | 13.94 | 228 | 148224 | 5.865 | ng | | 97 |
| 82) 3,3'-Dichlorobenzidine | 13.90 | 252 | 54468 | 5.643 | ng | # | 97 |
| 83) Chrysene | 13.98 | 228 | 143594 | 5.539 | ng | | 97 |
| 84) Bis(2-ethylhexyl)phthalate | 13.94 | 149 | 90634 | 5.613 | ng | | 99 |
| 85) Di-n-octyl phthalate | 14.54 | 149 | 149443 | 4.849 | ng | | 99 |
| 87) Indeno(1,2,3-cd)pyrene | 16.80 | 276 | 156965 | 5.298 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 14.97 | 252 | 133869 | 4.614 | ng | | 99 |
| 89) Benzo(k)fluoranthene | 15.00 | 252 | 141266 | 5.503 | ng | | 98 |
| 90) Benzo(a)pyrene | 15.33 | 252 | 122238 | 4.708 | ng | | 100 |
| 91) Dibenzo(a,h)anthracene | 16.82 | 278 | 131711 | 5.544 | ng | | 98 |
| 92) Benzo(g,h,i)perylene | 17.23 | 276 | 130864 | 5.465 | ng | | 98 |

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

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Data File : BF120602.D
Acq On : 11 Jun 2020 14:58
Operator : JU/CG
Sample : L1161-07
Misc : LOD-MDL-WTR-5PPM
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 11 15:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 11 14:06:19 2020
Response via : Initial Calibration

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2020

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