Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009387.D
Acq On : 16 Jan 2020 16:35
Operator : JU
Sample : K3591-09
Misc : MDL-MDL-W-0.1NG
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MDL-WATER-03-QT3-2019

Manual Integrations APPROVED
mohammad
1/17/2020 2:11:11 PM

Quant Time: Jan 17 10:53:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 16 16:31:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.48 | 152 | 1588 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.24 | 136 | 5277 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.11 | 164 | 3346 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.86 | 188 | 7272 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.07 | 240 | 6188 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.19 | 264 | 6362 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.12 | 112 | 1401 | 0.38 | ng | | 0.00 |
| 5) Phenol-d6 | 6.69 | 99 | 1583 | 0.37 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.64 | 82 | 1399 | 0.33 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.84 | 152 | 3135 | 0.31 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.62 | 330 | 411 | 0.32 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.74 | 172 | 4465 | 0.36 | ng | | 0.01 |
| 25) Fluoranthene-d10 | 18.90 | 212 | 7511 | 0.30 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.51 | 244 | 5920 | 0.40 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.14 | 88 | 109 | 0.066 | ng | # | 78 |
| 3) n-Nitrosodimethylamine | 3.52 | 42 | 191m | 0.075 | ng | | |
| 6) bis(2-Chloroethyl)ether | 6.94 | 93 | 360 | 0.083 | ng | # | 73 |
| 9) Naphthalene | 10.28 | 128 | 1290 | 0.090 | ng | # | 81 |
| 10) Hexachlorobutadiene | 10.57 | 225 | 266 | 0.085 | ng | # | 96 |
| 12) 2-Methylnaphthalene | 11.92 | 142 | 865 | 0.087 | ng | | 95 |
| 16) Acenaphthylene | 13.83 | 152 | 1091 | 0.076 | ng | | 97 |
| 17) Acenaphthene | 14.18 | 154 | 822 | 0.081 | ng | | 97 |
| 18) Fluorene | 15.18 | 166 | 1081 | 0.082 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.08 | 248 | 346 | 0.079 | ng | | 94 |
| 21) Hexachlorobenzene | 16.17 | 284 | 383 | 0.082 | ng | | 99 |
| 22) Pentachlorophenol | 16.56 | 266 | 284 | 0.217 | ng | | 97 |
| 23) Phenanthrene | 16.91 | 178 | 1755 | 0.080 | ng | | 99 |
| 24) Anthracene | 17.01 | 178 | 1401 | 0.076 | ng | | 98 |
| 26) Fluoranthene | 18.93 | 202 | 2099 | 0.082 | ng | | 96 |
| 28) Pyrene | 19.30 | 202 | 2118 | 0.090 | ng | | 97 |
| 30) Benzo(a)anthracene | 21.06 | 228 | 1564 | 0.077 | ng | | 95 |
| 31) Chrysene | 21.10 | 228 | 2159 | 0.093 | ng | | 94 |
| 32) Bis(2-ethylhexyl)phthalate | 21.01 | 149 | 858 | 0.095 | ng | # | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.29 | 276 | 1887 | 0.078 | ng | | 97 |
| 35) Benzo(b)fluoranthene | 22.57 | 252 | 1932 | 0.083 | ng | # | 57 |
| 36) Benzo(k)fluoranthene | 22.61 | 252 | 2323 | 0.090 | ng | # | 61 |
| 37) Benzo(a)pyrene | 23.11 | 252 | 1884 | 0.091 | ng | # | 1 |
| 38) Dibenzo(a,h)anthracene | 25.30 | 278 | 1634 | 0.079 | ng | # | 60 |
| 39) Benzo(g,h,i)perylene | 25.91 | 276 | 1945 | 0.085 | ng | # | 82 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011620\
Data File : BN009387.D
Acq On : 16 Jan 2020 16:35
Operator : JU
Sample : K3591-09
Misc : MDL-MDL-W-0.1NG
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 17 10:53:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN011420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 16 16:31:39 2020
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-MDL-WATER-03-QT3-2019

**Manual Integrations APPROVED**
mohammad
1/17/2020 2:11:11 PM