Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011120\
Data File : BE101031.D
Acq On : 10 Jan 2020 20:05
Operator : JU
Sample : K3591-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** LOD-MDL-WATER-01-QT3-2019

Quant Time: Jan 11 01:45:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 18:36:25 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.74 | 152 | 3124 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.51 | 136 | 13796 | 0.40 | ng | | 0.01 |
| 13) Acenaphthene-d10 | 14.36 | 164 | 8833 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.09 | 188 | 19093 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.28 | 240 | 14126 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.70 | 264 | 18277 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.34 | 112 | 2329 | 0.33 | ng | | 0.00 |
| 5) Phenol-d6 | 6.92 | 99 | 2301 | 0.26 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.90 | 82 | 2356 | 0.24 | ng | | 0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 8482 | 0.32 | ng | | 0.01 |
| 14) 2,4,6-Tribromophenol | 15.85 | 330 | 534 | 0.21 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.00 | 172 | 12597 | 0.38 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.13 | 212 | 76114 | 0.29 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.74 | 244 | 14845 | 0.43 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 1393m | 0.088 | ng | | |
| 3) n-Nitrosodimethylamine | 3.67 | 42 | 422m | 0.097 | ng | | |
| 6) bis(2-Chloroethyl)ether | 7.17 | 93 | 659 | 0.062 | ng | # | 88 |
| 9) Naphthalene | 10.56 | 128 | 13523 | 0.088 | ng | # | 96 |
| 10) Hexachlorobutadiene | 10.85 | 225 | 610 | 0.094 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 2035 | 0.088 | ng | | 95 |
| 16) Acenaphthylene | 14.08 | 152 | 2501 | 0.070 | ng | | 99 |
| 17) Acenaphthene | 14.43 | 154 | 1955 | 0.076 | ng | | 97 |
| 18) Fluorene | 15.41 | 166 | 2480 | 0.076 | ng | | 98 |
| 20) 4-Bromophenyl-phenylether | 16.31 | 248 | 647 | 0.069 | ng | # | 84 |
| 21) Hexachlorobenzene | 16.41 | 284 | 869 | 0.085 | ng | | 98 |
| 22) Pentachlorophenol | 16.76 | 266 | 259 | 0.322 | ng | | 93 |
| 23) Phenanthrene | 17.15 | 178 | 4013 | 0.077 | ng | | 99 |
| 24) Anthracene | 17.24 | 178 | 4002 | 0.081 | ng | | 96 |
| 26) Fluoranthene | 19.16 | 202 | 4989 | 0.076 | ng | | 98 |
| 28) Pyrene | 19.52 | 202 | 4865 | 0.093 | ng | | 98 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 2292 | 0.057 | ng | | 93 |
| 31) Chrysene | 21.32 | 228 | 6400 | 0.107 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 5138 | 0.076 | ng | # | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.24 | 276 | 3654m | 0.077 | ng | | |
| 35) Benzo(b)fluoranthene | 22.96 | 252 | 3118 | 0.061 | ng | # | 89 |
| 36) Benzo(k)fluoranthene | 23.01 | 252 | 5747 | 0.077 | ng | # | 79 |
| 37) Benzo(a)pyrene | 23.59 | 252 | 3507 | 0.071 | ng | # | 77 |
| 38) Dibenzo(a,h)anthracene | 26.27 | 278 | 2965m | 0.065 | ng | | |
| 39) Benzo(g,h,i)perylene | 27.02 | 276 | 3996 | 0.071 | ng | | 94 |

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

Quantitation Report (QT Reviewed)

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Data File : BE101031.D
Acq On : 10 Jan 2020 20:05
Operator : JU
Sample : K3591-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2019

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