Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\
Data File : BE098044.D
Acq On : 24 Oct 2018 18:36
Operator : SJ/JU
Sample : J5164-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
LOD-MDL-WATER-01-QT4-2018

**Manual Integrations APPROVED**
Sohil
10/25/2018 12:40:02 PM

Quant Time: Oct 25 04:43:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 13:49:35 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.88 | 152 | 1079 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.68 | 136 | 5336 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.54 | 164 | 3798 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.29 | 188 | 9500 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.47 | 240 | 11194 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 24.02 | 264 | 10994 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.47 | 112 | 1113 | 0.34 | ng | | 0.00 |
| 5) Phenol-d6 | 7.06 | 99 | 1759 | 0.32 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.03 | 82 | 1992 | 0.35 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152 | 3019 | 0.32 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.03 | 330 | 566 | 0.30 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.16 | 172 | 5190 | 0.34 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.32 | 212 | 36812 | 0.30 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.92 | 244 | 8111 | 0.31 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.38 | 88 | 197 | 0.119 | ng | # | 77 |
| 3) n-Nitrosodimethylamine | 3.71 | 42 | 216 | 0.097 | ng | # | 50 |
| 6) bis(2-Chloroethyl)ether | 7.30 | 93 | 357 | 0.094 | ng | | 89 |
| 9) Naphthalene | 10.73 | 128 | 4906 | 0.093 | ng | # | 95 |
| 10) Hexachlorobutadiene | 11.02 | 225 | 337 | 0.094 | ng | | 96 |
| 12) 2-Methylnaphthalene | 12.35 | 142 | 906 | 0.094 | ng | # | 90 |
| 16) Acenaphthylene | 14.26 | 152 | 1599 | 0.093 | ng | | 99 |
| 17) Acenaphthene | 14.60 | 154 | 991 | 0.095 | ng | | 99 |
| 18) Fluorene | 15.59 | 166 | 1292 | 0.092 | ng | | 96 |
| 20) 4-Bromophenyl-phenylether | 16.48 | 248 | 496 | 0.086 | ng | # | 77 |
| 21) Hexachlorobenzene | 16.59 | 284 | 585 | 0.098 | ng | | 94 |
| 22) Pentachlorophenol | 16.96 | 266 | 45 | 0.090 | ng | # | 61 |
| 23) Phenanthrene | 17.33 | 178 | 2108 | 0.090 | ng | | 96 |
| 24) Anthracene | 17.42 | 178 | 1990 | 0.087 | ng | | 98 |
| 26) Fluoranthene | 19.35 | 202 | 2613 | 0.090 | ng | | 98 |
| 28) Pyrene | 19.71 | 202 | 2787 | 0.090 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.45 | 228 | 2991 | 0.090 | ng | | 94 |
| 31) Chrysene | 21.51 | 228 | 2800 | 0.087 | ng | | 96 |
| 32) Bis(2-ethylhexyl)phthalate | 21.38 | 149 | 7260 | 0.092 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 26.72 | 276 | 3158 | 0.090 | ng | # | 79 |
| 35) Benzo(b)fluoranthene | 23.24 | 252 | 2839 | 0.093 | ng | # | 88 |
| 36) Benzo(k)fluoranthene | 23.29 | 252 | 2888 | 0.091 | ng | # | 92 |
| 37) Benzo(a)pyrene | 23.91 | 252 | 2658 | 0.089 | ng | # | 88 |
| 38) Dibenzo(a,h)anthracene | 26.75 | 278 | 2607 | 0.089 | ng | # | 87 |
| 39) Benzo(g,h,i)perylene | 27.55 | 276 | 2677m | 0.092 | ng | | |

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

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