Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108029.D
Acq On : 8 Aug 2018 19:40
Operator : JU/SJ
Sample : J3762-07
Misc : LOD 5 PPM
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LOD-MDL-WATER-01-QT3-2018

**Manual Integrations APPROVED**
Sohil
8/9/2018 5:01:30 PM

Quant Time: Aug 09 07:28:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.01 | 152 | 283898 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.30 | 136 | 1121308 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 10.06 | 164 | 600297 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 11.55 | 188 | 1240605 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 14.21 | 240 | 1098609 | 20.00 | ng | -0.01 |
| 86) Perylene-d12 | 15.77 | 264 | 966428 | 20.00 | ng | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.64 | 112 | 1957815 | 124.85 | ng | 0.00 |
| 7) Phenol-d6 | 6.63 | 99 | 2600193 | 124.78 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.58 | 82 | 1699711 | 84.59 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.85 | 330 | 823561 | 137.54 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 9.38 | 172 | 3018351 | 80.72 | ng | 0.00 |
| 78) Terphenyl-d14 | 13.15 | 244 | 3644203 | 84.34 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.92 | 88 | 37303 | 4.630 | ng | # 83 |
| 3) Pyridine | 3.73 | 79 | 102230 | 4.925 | ng | # 86 |
| 4) n-Nitrosodimethylamine | 3.64 | 42 | 55019 | 4.711 | ng | # 78 |
| 32) Benzoic acid | 7.97 | 122 | 25202m | 8.211 | ng | |
| 33) 4-Chloroaniline | 8.36 | 127 | 75489 | 3.397 | ng | 96 |
| 35) Caprolactam | 8.69 | 113 | 23116 | 4.715 | ng | # 81 |
| 52) 3-Nitroaniline | 10.00 | 138 | 42220 | 4.411 | ng | 99 |
| 55) 4-Nitrophenol | 10.14 | 139 | 31071 | 4.287 | ng | 84 |
| 64) 4,6-Dinitro-2-methylphenol | 10.64 | 198 | 13296 | 7.895 | ng | 85 |

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

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