Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
Data File : BG035853.D
Acq On : 24 Jul 2018 18:38
Operator : JU/SJ
Sample : J3762-07
Misc : LOD 2PPM
ALS Vial : 15 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Sohil
7/25/2018 6:34:59 PM

Quant Time: Jul 25 17:31:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 33406 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.83 | 136 | 119916 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.65 | 164 | 84075 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 17.39 | 188 | 231447 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.66 | 240 | 290795 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 24.86 | 264 | 271129 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 249303 | 123.90 | ng | 0.00 |
| 7) Phenol-d6 | 7.19 | 99 | 360280 | 120.01 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.19 | 82 | 241640 | 84.18 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.14 | 330 | 158604 | 143.12 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 13.27 | 172 | 577371 | 92.00 | ng | 0.00 |
| 78) Terphenyl-d14 | 20.00 | 244 | 1328480 | 100.70 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 17) 2-Methylphenol | 8.48 | 107 | 3690 | 1.789 | ng | # 82 |
| 19) n-Nitroso-di-n-propylamine | 8.83 | 70 | 2850 | 1.127 | ng | # 80 |
| 20) 3+4-Methylphenols | 8.84 | 107 | 2763 | 0.966 | ng | # 41 |
| 22) Acetophenone | 8.86 | 105 | 6186 | 1.659 | ng | # 91 |
| 25) Isophorone | 9.75 | 82 | 8915 | 1.673 | ng | # 90 |
| 26) 2-Nitrophenol | 9.95 | 139 | 1660 | 1.619 | ng | # 68 |
| 27) 2,4-Dimethylphenol | 10.03 | 122 | 3084 | 1.777 | ng | # 62 |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93 | 4126m | 1.405 | ng | |
| 29) 2,4-Dichlorophenol | 10.55 | 162 | 3290m | 1.661 | ng | |
| 30) 1,2,4-Trichlorobenzene | 10.69 | 180 | 5155 | 2.122 | ng | # 95 |
| 36) 4-Chloro-3-methylphenol | 12.14 | 107 | 3472 | 1.307 | ng | # 69 |
| 42) 2,4,6-Trichlorophenol | 13.12 | 196 | 3227 | 1.739 | ng | # 72 |
| 43) 2,4,5-Trichlorophenol | 13.20 | 196 | 2760 | 1.329 | ng | # 70 |
| 56) 2,4-Dinitrotoluene | 15.03 | 165 | 3216 | 1.494 | ng | # 74 |
| 60) 4-Chlorophenyl-phenylether | 15.69 | 204 | 8348 | 2.014 | ng | # 91 |
| 61) 4-Nitroaniline | 15.79 | 138 | 453 | 0.282 | ng | 86 |
| 76) Benzidine | 19.69 | 184 | 3189m | 0.417 | ng | |
| 81) 3,3'-Dichlorobenzidine | 21.57 | 252 | 7860m | 1.244 | ng | |

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

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