Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019680.D
Acq On : 18 Nov 2015 4:01
Operator : UM/NP
Sample : G4427-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7D0

Manual Integrations APPROVED
mohammad
11/19/2015 8:27:22 AM

Quant Time: Nov 18 18:25:52 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 18 03:01:13 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 27211 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.97 | 136 | 112786 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.78 | 164 | 98505 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.53 | 188 | 271230 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.80 | 240 | 336036 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.12 | 264 | 327654 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.44 | 96 | 1862 | 2.92 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.29 | 99 | 42525 | 15.26 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.46 | 67 | 30519 | 16.71 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.68 | 132 | 28465 | 15.92 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.85 | 113 | 36379 | 15.76 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.32 | 128 | 16234 | 17.53 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.05 | 143 | 17692 | 16.98 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.59 | 165 | 37435 | 16.61 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.11 | 131 | 37586 | 17.57 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.18 | 166 | 148909 | 16.71 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.48 | 160 | 146814 | 15.20 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.96 | 143 | 19763 | 14.08 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.77 | 176 | 128505 | 16.12 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 12149 | 6.93 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.62 | 188 | 212483 | 16.14 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.89 | 212 | 219813 | 14.36 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.88 | 264 | 242821 | 14.20 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 11.03 | 128 | 23315 | 3.83 | ng/ul# | 96 |
| 45) Dimethylphthalate | 14.22 | 163 | 100524 | 11.38 | ng/ul | 98 |
| 48) Acenaphthylene | 14.51 | 152 | 18953 | 1.97 | ng/ul | 93 |
| 50) Acenaphthene | 14.85 | 153 | 45433 | 6.89 | ng/ul | 99 |
| 54) Dibenzofuran | 15.18 | 168 | 17237 | 1.78 | ng/ul | 96 |
| 59) Fluorene | 15.82 | 166 | 44345 | 5.24 | ng/ul | 95 |
| 70) Phenanthrene | 17.57 | 178 | 382350 | 26.34 | ng/ul | 98 |
| 72) Anthracene | 17.66 | 178 | 175976 | 12.02 | ng/ul | 98 |
| 75) Carbazole | 17.93 | 167 | 13762 | 1.17 | ng/ul# | 91 |
| 77) Fluoranthene | 19.56 | 202 | 949036m | 51.30 | ng/ul | |
| 80) Pyrene | 19.93 | 202 | 698953 | 35.61 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.78 | 228 | 500579 | 24.58 | ng/ul | 95 |
| 85) Chrysene | 21.84 | 228 | 378867 | 19.76 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 24.06 | 252 | 414285 | 20.52 | ng/ul | 97 |
| 89) Benzo(k)fluoranthene | 24.12 | 252 | 197283m | 10.13 | ng/ul | |
| 91) Benzo(a)pyrene | 24.96 | 252 | 326574 | 16.80 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 28.91 | 276 | 184328 | 8.47 | ng/ul | 98 |
| 93) Dibenzo(a,h)anthracene | 28.94 | 278 | 55536m | 3.11 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 30.09 | 276 | 103619 | 5.74 | ng/ul | 96 |

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

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