Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028481.D
Acq On : 25 Aug 2017 5:21
Operator : SJ/JU
Sample : I4840-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B0AN0

Manual Integrations APPROVED
Sohil
8/25/2017 5:44:06 PM

Quant Time: Aug 25 15:43:52 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 25 03:52:53 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.34 | 152 | 45688 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.16 | 136 | 191951 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.95 | 164 | 135263 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.70 | 188 | 302536 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 22.03 | 240 | 350546 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.53 | 264 | 356678 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.82 | 96 | 1983 | 2.02 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.49 | 99 | 45304 | 9.03 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.65 | 67 | 30267 | 9.52 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.87 | 132 | 35088 | 11.08 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.03 | 113 | 19496 | 4.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.50 | 128 | 18840 | 12.55 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.23 | 143 | 22542 | 13.70 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.78 | 165 | 41006 | 12.04 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.30 | 131 | 21534 | 5.68 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.34 | 166 | 142084 | 11.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.65 | 160 | 168164 | 12.40 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.16 | 143 | 13785 | 7.21 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.94 | 176 | 126925 | 11.76 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 12744 | 6.48 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.79 | 188 | 192573 | 13.27 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.07 | 212 | 227618 | 12.66 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.29 | 264 | 225931 | 13.53 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.52 | 94 | 6318 | 1.267 | ng/ul | 98 |
| 44) Dimethylphthalate | 14.38 | 163 | 61092 | 5.515 | ng/ul | 97 |
| 69) Phenanthrene | 17.74 | 178 | 33474 | 2.199 | ng/ul# | 93 |
| 74) Fluoranthene | 19.74 | 202 | 98583 | 5.328 | ng/ul | 98 |
| 77) Pyrene | 20.10 | 202 | 87037 | 4.162 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 22.01 | 228 | 60606 | 2.992 | ng/ul | 98 |
| 82) Chrysene | 22.08 | 228 | 58116 | 3.186 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 24.42 | 252 | 86917 | 4.072 | ng/ul# | 92 |
| 86) Benzo(k)fluoranthene | 24.47 | 252 | 36688m | 1.760 | ng/ul | |
| 88) Benzo(a)pyrene | 25.37 | 252 | 67451 | 3.264 | ng/ul# | 93 |
| 89) Indeno(1,2,3-cd)pyrene | 29.55 | 276 | 55487 | 2.293 | ng/ul# | 96 |
| 91) Benzo(g,h,i)perylene | 30.83 | 276 | 45657 | 2.293 | ng/ul | 99 |

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

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