Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110917\
Data File : BG030899.D
Acq On : 10 Nov 2017 3:05
Operator : SJ/JU
Sample : I6286-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** B0F74

**Manual Integrations APPROVED**
Sohil
11/10/2017 1:13:32 PM

Quant Time: Nov 10 04:53:20 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 10 03:42:09 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.15 | 152 | 60151 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.97 | 136 | 255972 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.77 | 164 | 159508 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.51 | 188 | 367070 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.79 | 240 | 417424 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.11 | 264 | 429768 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.53 | 96 | 6998 | 4.73 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.31 | 99 | 140576 | 24.35 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.46 | 67 | 81290 | 22.50 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.68 | 132 | 119618 | 29.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.86 | 113 | 114951 | 24.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.32 | 128 | 58019 | 31.57 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.04 | 143 | 72217 | 38.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.59 | 165 | 127752 | 29.78 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.10 | 131 | 31013 | 6.22 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.16 | 166 | 385340 | 28.26 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.47 | 160 | 492881 | 29.72 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.98 | 143 | 59986 | 23.83 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.75 | 176 | 363834 | 32.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 47892 | 26.73 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.61 | 188 | 567189 | 32.67 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.89 | 212 | 642986 | 29.76 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.89 | 264 | 656047 | 32.23 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.34 | 94 | 11613 | 1.944 | ng/ul# | 91 |
| 44) Dimethylphthalate | 14.21 | 163 | 21436 | 1.612 | ng/ul# | 90 |
| 49) Acenaphthene | 14.83 | 153 | 57315 | 4.952 | ng/ul | 97 |
| 53) Dibenzofuran | 15.17 | 168 | 27082 | 1.711 | ng/ul | 92 |
| 58) Fluorene | 15.81 | 166 | 36505 | 2.892 | ng/ul | 99 |
| 69) Phenanthrene | 17.55 | 178 | 544096 | 27.419 | ng/ul | 98 |
| 71) Anthracene | 17.65 | 178 | 128972 | 6.299 | ng/ul | 97 |
| 72) Carbazole | 17.91 | 167 | 85560 | 4.649 | ng/ul | 99 |
| 74) Fluoranthene | 19.56 | 202 | 1153043 | 51.993 | ng/ul | 99 |
| 77) Pyrene | 19.91 | 202 | 983441 | 35.153 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.77 | 228 | 632911 | 24.194 | ng/ul | 97 |
| 82) Chrysene | 21.84 | 228 | 647613m | 27.246 | ng/ul | |
| 85) Benzo(b)fluoranthene | 24.05 | 252 | 869602 | 33.705 | ng/ul | 94 |
| 86) Benzo(k)fluoranthene | 24.11 | 252 | 292640m | 11.731 | ng/ul | |
| 88) Benzo(a)pyrene | 24.96 | 252 | 594604 | 23.676 | ng/ul | 94 |
| 89) Indeno(1,2,3-cd)pyrene | 28.94 | 276 | 476500 | 16.770 | ng/ul | 94 |
| 90) Dibenzo(a,h)anthracene | 28.98 | 278 | 123481 | 5.231 | ng/ul# | 81 |
| 91) Benzo(g,h,i)perylene | 30.14 | 276 | 424022 | 18.003 | ng/ul | 95 |

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

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