Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028440.D
Acq On : 23 Aug 2017 5:56
Operator : SJ/JU
Sample : I4713-22
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E7GD2

**Manual Integrations APPROVED**
Sohil
8/23/2017 3:02:46 PM

Quant Time: Aug 23 09:17:50 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.35 | 152 | 49123 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.16 | 136 | 226802 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.96 | 164 | 154895 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.71 | 188 | 350127 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 22.04 | 240 | 403853 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.55 | 264 | 394012 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.83 | 96 | 3605 | 3.42 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.50 | 99 | 104818 | 19.43 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.66 | 67 | 59548 | 17.43 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.88 | 132 | 75004 | 22.04 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.04 | 113 | 88701 | 19.67 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.51 | 128 | 39454 | 22.25 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.24 | 143 | 49310 | 25.36 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.78 | 165 | 95538 | 23.75 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.30 | 131 | 73415 | 16.39 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.34 | 166 | 311953 | 22.64 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.65 | 160 | 354249 | 22.81 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.16 | 143 | 24333 | 11.11 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.94 | 176 | 262186 | 21.21 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.07 | 200 | 25250 | 11.10 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.81 | 188 | 394742 | 23.51 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.08 | 212 | 458494 | 22.14 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.31 | 264 | 440260 | 23.87 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.52 | 94 | 10851 | 2.024 | ng/ul | 93 |
| 44) Dimethylphthalate | 14.39 | 163 | 112684 | 8.883 | ng/ul | 97 |
| 69) Phenanthrene | 17.75 | 178 | 440057 | 24.974 | ng/ul | 99 |
| 71) Anthracene | 17.83 | 178 | 34497m | 1.916 | ng/ul | |
| 72) Carbazole | 18.11 | 167 | 71586 | 4.571 | ng/ul | 94 |
| 74) Fluoranthene | 19.74 | 202 | 1229690 | 57.425 | ng/ul | 100 |
| 77) Pyrene | 20.11 | 202 | 950636 | 39.455 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 22.02 | 228 | 377620 | 16.183 | ng/ul | 99 |
| 81) Bis(2-ethylhexyl)phthalate | 21.87 | 149 | 12894 | 1.004 | ng/ul# | 92 |
| 82) Chrysene | 22.09 | 228 | 529432 | 25.193 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 24.43 | 252 | 711384 | 30.171 | ng/ul# | 97 |
| 86) Benzo(k)fluoranthene | 24.49 | 252 | 248555m | 10.792 | ng/ul | |
| 88) Benzo(a)pyrene | 25.38 | 252 | 429322 | 18.806 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 29.57 | 276 | 303048 | 11.336 | ng/ul# | 97 |
| 90) Dibenzo(a,h)anthracene | 29.63 | 278 | 63441 | 2.831 | ng/ul# | 96 |
| 91) Benzo(g,h,i)perylene | 30.85 | 276 | 269295 | 12.244 | ng/ul | 94 |

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

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