Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028430.D
Acq On : 22 Aug 2017 23:17
Operator : SJ/JU
Sample : I4713-10DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** E7GC0DL

**Manual Integrations APPROVED**
Sohil
8/23/2017 3:02:27 PM

Quant Time: Aug 23 07:53:33 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 | 8.34 | 152 | 40239 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.16 | 136 | 194328 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.95 | 164 | 139394 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.70 | 188 | 324149 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 22.03 | 240 | 355965 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 25.54 | 264 | 349504 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.84 | 96 | 624 | 0.72 | ng/uL | 0.01 |
| 5) Phenol-d5 | 7.50 | 99 | 19962 | 4.52 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.66 | 67 | 12143 | 4.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.88 | 132 | 15463 | 5.55 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 9.04 | 113 | 16682 | 4.52 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.51 | 128 | 7772 | 5.11 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.23 | 143 | 9028 | 5.42 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.78 | 165 | 18660 | 5.41 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.30 | 131 | 3919 | 1.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.34 | 166 | 69302 | 5.59 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.65 | 160 | 79178 | 5.66 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 15.16 | 143 | 6383 | 3.24 | ng/ul | 0.01 |
| 57) Fluorene-d10 | 15.94 | 176 | 59325 | 5.33 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.06 | 200 | 6530 | 3.10 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.80 | 188 | 93029 | 5.99 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 20.07 | 212 | 104952 | 5.75 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 25.29 | 264 | 95825 | 5.86 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 11.22 | 128 | 13485 | 1.401 | ng/ul# | 95 |
| 34) 2-Methylnaphthalene | 12.79 | 142 | 15902 | 2.057 | ng/ul | 83 |
| 44) Dimethylphthalate | 14.39 | 163 | 30294 | 2.654 | ng/ul# | 92 |
| 69) Phenanthrene | 17.74 | 178 | 109132 | 6.690 | ng/ul | 97 |
| 72) Carbazole | 18.11 | 167 | 15992 | 1.103 | ng/ul# | 93 |
| 74) Fluoranthene | 19.74 | 202 | 396278 | 19.989 | ng/ul | 99 |
| 77) Pyrene | 20.11 | 202 | 322475 | 15.184 | ng/ul | 97 |
| 80) Benzo(a)anthracene | 22.01 | 228 | 147432 | 7.168 | ng/ul | 96 |
| 82) Chrysene | 22.08 | 228 | 217279 | 11.730 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 24.42 | 252 | 384346 | 18.377 | ng/ul | 97 |
| 86) Benzo(k)fluoranthene | 24.48 | 252 | 74536m | 3.648 | ng/ul | |
| 88) Benzo(a)pyrene | 25.37 | 252 | 195764 | 9.667 | ng/ul# | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 29.55 | 276 | 197847 | 8.343 | ng/ul | 95 |
| 90) Dibenzo(a,h)anthracene | 29.61 | 278 | 38432m | 1.934 | ng/ul | |
| 91) Benzo(g,h,i)perylene | 30.83 | 276 | 200923 | 10.299 | ng/ul# | 97 |

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

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