Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
Data File : BG029419.D
Acq On : 24 Oct 2017 11:23
Operator : SJ/JU
Sample : I5925-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB3K8

Manual Integrations APPROVED
Sohil
10/25/2017 6:27:00 PM

Quant Time: Oct 24 14:36:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 17 07:42:23 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.17 | 152 | 56458 | 20.00 | ng/ul | -0.01 |
| 18) Naphthalene-d8 | 10.98 | 136 | 269926 | 20.00 | ng/ul | -0.01 |
| 35) Acenaphthene-d10 | 14.78 | 164 | 188630 | 20.00 | ng/ul | -0.01 |
| 61) Phenanthrene-d10 | 17.53 | 188 | 462207 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.79 | 240 | 490265 | 20.00 | ng/ul | -0.01 |
| 83) Perylene-d12 | 25.11 | 264 | 552058 | 20.00 | ng/ul | -0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.54 | 96 | 7754 | 5.58 | ng/uL | -0.01 |
| 5) Phenol-d5 | 7.31 | 99 | 151469 | 27.95 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.48 | 67 | 83184 | 24.53 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4 | 7.70 | 132 | 118058 | 30.88 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8 | 8.87 | 113 | 133348 | 30.47 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5 | 9.33 | 128 | 57384 | 29.61 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4 | 10.06 | 143 | 69701 | 35.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.60 | 165 | 138898 | 30.70 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4 | 11.11 | 131 | 166637 | 31.70 | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6 | 14.18 | 166 | 467641 | 29.00 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.48 | 160 | 569183 | 29.02 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.96 | 143 | 52104 | 17.50 | ng/ul | -0.01 |
| 57) Fluorene-d10 | 15.77 | 176 | 430628 | 32.60 | ng/ul | -0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.88 | 200 | 33701 | 14.94 | ng/ul | -0.01 |
| 70) Anthracene-d10 | 17.62 | 188 | 664762 | 30.41 | ng/ul | -0.01 |
| 76) Pyrene-d10 | 19.89 | 212 | 765035 | 30.15 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 24.88 | 264 | 722937 | 27.65 | ng/ul | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 14.22 | 163 | 26351 | 1.675 | ng/ul | 98 |
| 69) Phenanthrene | 17.56 | 178 | 157331 | 6.297 | ng/ul | 97 |
| 71) Anthracene | 17.65 | 178 | 30771 | 1.194 | ng/ul | 98 |
| 74) Fluoranthene | 19.56 | 202 | 310692 | 11.126 | ng/ul | 97 |
| 77) Pyrene | 19.92 | 202 | 292699 | 8.908 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.77 | 228 | 159293 | 5.185 | ng/ul | 98 |
| 81) Bis(2-ethylhexyl)phthalate | 21.67 | 149 | 118784 | 6.152 | ng/ul# | 98 |
| 82) Chrysene | 21.84 | 228 | 158653 | 5.683 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 24.05 | 252 | 210534 | 6.353 | ng/ul | 98 |
| 86) Benzo(k)fluoranthene | 24.11 | 252 | 73681m | 2.299 | ng/ul | |
| 88) Benzo(a)pyrene | 24.95 | 252 | 141223 | 4.378 | ng/ul | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 28.89 | 276 | 102009 | 2.795 | ng/ul# | 96 |
| 91) Benzo(g,h,i)perylene | 30.06 | 276 | 100369 | 3.318 | ng/ul | 96 |

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

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