Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102117\
Data File : BM012403.D
Acq On : 22 Oct 2017 18:59
Operator : SJ/JU
Sample : I5756-08
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B0CN4

Manual Integrations APPROVED
Sohil
10/24/2017 10:20:12 AM

Quant Time: Oct 23 18:43:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 18:04:39 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.77 | 152 | 330288 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.57 | 136 | 1417697 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.42 | 164 | 838231 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.18 | 188 | 1628415 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.37 | 240 | 1523318 | 20.00 | ng/ul | 0.01 |
| 83) Perylene-d12 | 23.68 | 264 | 1566317 | 20.00 | ng/ul | 0.03 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.19 | 96 | 29579 | 4.26 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.95 | 99 | 733740 | 27.38 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.10 | 67 | 456483 | 28.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.30 | 132 | 672971 | 29.61 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.49 | 113 | 615166 | 26.66 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.94 | 128 | 330288 | 30.53 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.66 | 143 | 371243 | 29.37 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.21 | 165 | 700008 | 29.00 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4 | 10.72 | 131 | 240438 | 10.64 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.84 | 166 | 2217662 | 29.93 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.12 | 160 | 2725273 | 30.39 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.68 | 143 | 179612 | 16.13 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.42 | 176 | 1831343 | 30.12 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.59 | 200 | 45318 | 4.05 | ng/ul | 0.02 |
| 70) Anthracene-d10 | 17.28 | 188 | 2441114 | 30.32 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.58 | 212 | 2304410 | 29.80 | ng/ul | 0.02 |
| 87) Benzo(a)pyrene-d12 | 23.54 | 264 | 2259003 | 29.92 | ng/ul | 0.04 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.97 | 94 | 148224 | 5.350 | ng/ul# | 86 |
| 28) Naphthalene | 10.61 | 128 | 343347 | 4.681 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.24 | 142 | 610096 | 11.022 | ng/ul | 99 |
| 40) 1,1'-Biphenyl | 13.25 | 154 | 98812 | 1.397 | ng/ul | 98 |
| 44) Dimethylphthalate | 13.88 | 163 | 774565 | 10.436 | ng/ul | 99 |
| 47) Acenaphthylene | 14.15 | 152 | 1658994 | 18.839 | ng/ul | 96 |
| 49) Acenaphthene | 14.49 | 153 | 462141 | 7.791 | ng/ul | 99 |
| 58) Fluorene | 15.48 | 166 | 1167356 | 16.457 | ng/ul | 99 |
| 69) Phenanthrene | 17.22 | 178 | 9488910 | 102.432 | ng/ul | 97 |
| 71) Anthracene | 17.31 | 178 | 2087855 | 21.771 | ng/ul | 99 |
| 74) Fluoranthene | 19.25 | 202 | 7677400m | 68.675 | ng/ul | |
| 77) Pyrene | 19.61 | 202 | 12247945 | 121.747 | ng/ul# | 89 |
| 80) Benzo(a)anthracene | 21.35 | 228 | 4959342 | 50.033 | ng/ul# | 92 |
| 82) Chrysene | 21.41 | 228 | 5532740 | 59.453 | ng/ul | 93 |
| 85) Benzo(b)fluoranthene | 22.99 | 252 | 4376438m | 42.816 | ng/ul | |
| 86) Benzo(k)fluoranthene | 23.01 | 252 | 1283273m | 13.028 | ng/ul | |
| 88) Benzo(a)pyrene | 23.58 | 252 | 4190792 | 43.500 | ng/ul# | 95 |
| 89) Indeno(1,2,3-cd)pyrene | 26.05 | 276 | 2283189 | 22.317 | ng/ul | 99 |
| 90) Dibenzo(a,h)anthracene | 26.04 | 278 | 806201 | 9.374 | ng/ul# | 78 |
| 91) Benzo(g,h,i)perylene | 26.78 | 276 | 2226082 | 26.567 | ng/ul# | 93 |

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

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