Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011694.D
Acq On : 22 Sep 2017 16:09
Operator : SJ/JU
Sample : I5283-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB3B1

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9/25/2017 6:23:35 PM

Quant Time: Sep 23 01:19:52 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.96 | 152 | 353197 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.76 | 136 | 1594266 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.59 | 164 | 870587 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.33 | 188 | 1806860 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.50 | 240 | 1250908 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.87 | 264 | 1195251 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.39 | 96 | 3132 | 0.40 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.11 | 99 | 48528 | 1.43 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.28 | 67 | 78720 | 3.44 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.49 | 132 | 49932 | 1.95 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.66 | 113 | 40354 | 1.52 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.12 | 128 | 42467m | 3.51 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.86 | 143 | 9562 | 0.76 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.39 | 165 | 30352m | 1.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.87 | 131 | 1098 | 0.04 | ng/ul | -0.03 |
| 44) Dimethylphthalate-d6 | 13.99 | 166 | 123469 | 1.68 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.29 | 160 | 323085 | 3.63 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.60 | 143 | 227 | 0.02 | ng/ul | -0.18 |
| 58) Fluorene-d10 | 15.58 | 176 | 247727 | 3.89 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0 | 0.00 | ng/ul | |
| 71) Anthracene-d10 | 17.43 | 188 | 383976 | 4.32 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.72 | 212 | 399612 | 6.82 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.72 | 264 | 229150 | 4.02 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.82 | 128 | 93670 | 1.133 | ng/ul | 98 |
| 45) Dimethylphthalate | 14.04 | 163 | 187573 | 2.662 | ng/ul | 99 |
| 70) Phenanthrene | 17.37 | 178 | 1104459 | 10.966 | ng/ul | 99 |
| 72) Anthracene | 17.46 | 178 | 240630 | 2.328 | ng/ul | 99 |
| 77) Fluoranthene | 19.39 | 202 | 1613185 | 15.573 | ng/ul# | 92 |
| 80) Pyrene | 19.74 | 202 | 1332754 | 18.261 | ng/ul# | 89 |
| 83) Benzo(a)anthracene | 21.49 | 228 | 567508 | 8.240 | ng/ul | 98 |
| 85) Chrysene | 21.54 | 228 | 533431 | 8.543 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.15 | 252 | 616248 | 8.570 | ng/ul# | 93 |
| 89) Benzo(k)fluoranthene | 23.19 | 252 | 232753m | 3.370 | ng/ul | |
| 91) Benzo(a)pyrene | 23.76 | 252 | 421517 | 6.211 | ng/ul# | 94 |
| 92) Indeno(1,2,3-cd)pyrene | 26.30 | 276 | 284382 | 3.809 | ng/ul# | 93 |
| 93) Dibenzo(a,h)anthracene | 26.30 | 278 | 77656 | 1.227 | ng/ul# | 86 |
| 94) Benzo(g,h,i)perylene | 27.05 | 276 | 274052 | 4.533 | ng/ul# | 91 |

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

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