Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010915\
Data File : BM000162.D
Acq On : 09 Jan 2015 17:15
Operator : TP/IZ
Sample : MDL-07-S
Misc : MDL-SOIL-0.15PPM-SIM
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Jan 09 22:11:48 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM010715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 08 10:41:47 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.84 | 152 | 2743 | 0.40 | ng/ul | 0.00 |
| 2) Naphthalene-d8 | 10.62 | 136 | 8866 | 0.40 | ng/ul | -0.01 |
| 6) Acenaphthene-d10 | 14.47 | 164 | 5528 | 0.40 | ng/ul | 0.00 |
| 10) Phenanthrene-d10 | 17.21 | 188 | 10582 | 0.40 | ng/ul | 0.00 |
| 16) Chrysene-d12 | 21.41 | 240 | 8964 | 0.40 | ng/ul | 0.00 |
| 20) Perylene-d12 | 23.70 | 264 | 8342 | 0.40 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Methylnaphthalene-d10 | 12.21 | 152 | 4794 | 0.41 | ng/ul | -0.01 |
| 14) Fluoranthene-d10 | 19.25 | 212 | 7589 | 0.33 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 3) Naphthalene | 10.67 | 128 | 2746 | 0.12 | ng/ul# | 92 |
| 5) 2-Methylnaphthalene | 12.28 | 142 | 1814 | 0.12 | ng/ul | 100 |
| 7) Acenaphthylene | 14.19 | 152 | 3021 | 0.11 | ng/ul | 94 |
| 8) Acenaphthene | 14.52 | 153 | 1914 | 0.11 | ng/ul# | 83 |
| 9) Fluorene | 15.52 | 166 | 2174 | 0.11 | ng/ul# | 97 |
| 11) Pentachlorophenol | 16.89 | 266 | 244 | 0.15 | ng/ul# | 84 |
| 12) Phenanthrene | 17.26 | 178 | 3519 | 0.11 | ng/ul | 95 |
| 13) Anthracene | 17.35 | 178 | 3233 | 0.11 | ng/ul | 94 |
| 15) Fluoranthene | 19.27 | 202 | 3991 | 0.11 | ng/ul | 97 |
| 17) Pyrene | 19.64 | 202 | 4030 | 0.11 | ng/ul | 97 |
| 18) Benzo(a)anthracene | 21.39 | 228 | 3123 | 0.11 | ng/ul | 96 |
| 19) Chrysene | 21.44 | 228 | 3571 | 0.11 | ng/ul | 98 |
| 21) Benzo(b)fluoranthene | 23.00 | 252 | 3413 | 0.10 | ng/ul | 86 |
| 22) Benzo(k)fluoranthene | 23.04 | 252 | 3307 | 0.11 | ng/ul# | 86 |
| 23) Benzo(a)pyrene | 23.60 | 252 | 3202 | 0.11 | ng/ul# | 79 |
| 24) Indeno(1,2,3-cd)pyrene | 26.05 | 276 | 3584 | 0.11 | ng/ul | 96 |
| 25) Dibenzo(a,h)anthracene | 26.06 | 278 | 2782 | 0.10 | ng/ul# | 83 |
| 26) Benzo(g,h,i)perylene | 26.74 | 276 | 3211 | 0.11 | ng/ul# | 91 |

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

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