Quantitation Report (QT/LSC Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001977.D
Acq On : 20 Jul 2015 16:58
Operator : TP/UM
Sample : G3000-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
C02M1

**Manual Integrations APPROVED**
apatel
7/22/2015 1:52:43 PM

Quant Time: Jul 21 01:20:13 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 21 00:43:52 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.65 | 152 | 83337 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.44 | 136 | 359468 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.31 | 164 | 228699 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.06 | 188 | 532344 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.26 | 240 | 607923 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.49 | 264 | 544313 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 1834 | 1.08 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.82 | 99 | 49431 | 7.26 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.99 | 67 | 28488 | 7.68 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.19 | 132 | 40541 | 7.50 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 42080 | 7.53 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 19322 | 7.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 22004 | 7.40 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.06 | 165 | 44860 | 7.46 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.59 | 131 | 49996 | 8.08 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.72 | 166 | 148136 | 8.03 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.00 | 160 | 153831 | 6.93 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.51 | 143 | 20119 | 6.44 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.30 | 176 | 112436 | 7.13 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 17212 | 4.99 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.16 | 188 | 187513 | 7.50 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.46 | 212 | 207720 | 7.48 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.35 | 264 | 175790 | 6.39 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.77 | 163 | 103362 | 5.51 | ng/ul | 99 |
| 76) Fluoranthene | 19.13 | 202 | 34183 | 1.01 | ng/ul | 99 |
| 79) Pyrene | 19.49 | 202 | 52346 | 1.44 | ng/ul# | 97 |
| 82) Benzo(a)anthracene | 21.25 | 228 | 41033 | 1.13 | ng/ul# | 96 |
| 84) Chrysene | 21.30 | 228 | 54544m | 1.61 | ng/ul | |
| 87) Benzo(b)fluoranthene | 22.82 | 252 | 102273 | 3.07 | ng/ul# | 92 |
| 88) Benzo(k)fluoranthene | 22.86 | 252 | 33600m | 1.05 | ng/ul | |
| 90) Benzo(a)pyrene | 23.39 | 252 | 56045 | 1.79 | ng/ul# | 92 |

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

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