Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004549.D
Acq On : 04 Mar 2016 01:37
Operator : SJ/UM
Sample : H1616-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** P009-SS003-01

**Manual Integrations APPROVED**
UMANGI
3/4/2016 4:21:17 PM

Quant Time: Mar 04 06:41:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.59 | 152 | 38700 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.38 | 136 | 188169 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.26 | 164 | 111008 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.02 | 188 | 219289 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.23 | 240 | 153302 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.44 | 264 | 150542 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.05 | 96 | 2123 | 2.95 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.85 | 99 | 60032 | 19.25 | ng/ul | 0.06 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.93 | 67 | 28998 | 18.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.15 | 132 | 55622 | 20.01 | ng/ul | 0.02 |
| 13) 4-Methylphenol-d8 | 8.36 | 113 | 51515 | 18.74 | ng/ul | 0.04 |
| 19) Nitrobenzene-d5 | 8.76 | 128 | 29072 | 20.67 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.47 | 143 | 33898 | 21.06 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 59410 | 20.40 | ng/ul | 0.05 |
| 29) 4-Chloroaniline-d4 | 10.53 | 131 | 50664 | 14.14 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.67 | 166 | 191866 | 20.78 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.95 | 160 | 236293 | 21.16 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.66 | 143 | 14766m | 10.84 | ng/ul | 0.15 |
| 58) Fluorene-d10 | 15.26 | 176 | 165733 | 20.69 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 23050 | 16.19 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.12 | 188 | 226651 | 21.12 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.42 | 212 | 197709 | 23.98 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.30 | 264 | 167128 | 20.87 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.43 | 128 | 30625 | 2.96 | ng/ul | 99 |
| 45) Dimethylphthalate | 13.72 | 163 | 73773 | 7.60 | ng/ul | 99 |
| 70) Phenanthrene | 17.06 | 178 | 31155 | 2.37 | ng/ul | 97 |
| 77) Fluoranthene | 19.09 | 202 | 47408 | 3.35 | ng/ul | 99 |
| 80) Pyrene | 19.45 | 202 | 50832 | 4.57 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.21 | 228 | 22157 | 2.24 | ng/ul# | 90 |
| 84) Bis(2-ethylhexyl)phthalate | 21.13 | 149 | 31911 | 5.15 | ng/ul# | 96 |
| 85) Chrysene | 21.26 | 228 | 23823 | 2.51 | ng/ul# | 90 |
| 88) Benzo(b)fluoranthene | 22.78 | 252 | 28962 | 2.89 | ng/ul# | 90 |
| 91) Benzo(a)pyrene | 23.34 | 252 | 24792 | 2.62 | ng/ul# | 88 |
| 92) Indeno(1,2,3-cd)pyrene | 25.67 | 276 | 18454 | 1.95 | ng/ul | 94 |
| 94) Benzo(g,h,i)perylene | 26.36 | 276 | 21871 | 2.75 | ng/ul | 95 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004549.D
Acq On : 04 Mar 2016 01:37
Operator : SJ/UM
Sample : H1616-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 04 06:41:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 04 04:25:59 2016
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
P009-SS003-01

**Manual Integrations APPROVED**
UMANGI
3/4/2016 4:21:17 PM