Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003984.D
Acq On : 13 Jan 2016 10:14
Operator : SJ/UM
Sample : H1095-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BC977

**Manual Integrations APPROVED**
MMdadoda
1/13/2016 3:28:54 PM

Quant Time: Jan 13 11:11:55 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 36512 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.45 | 136 | 181207 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.32 | 164 | 111228 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.07 | 188 | 247849 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.28 | 240 | 231062 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.51 | 264 | 191817 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 1610 | 1.97 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.85 | 99 | 40169 | 13.25 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.00 | 67 | 25521 | 14.89 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 34963 | 14.03 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.38 | 113 | 17992 | 7.32 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 17207 | 12.61 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.54 | 143 | 18654 | 12.47 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.08 | 165 | 32733 | 12.31 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.60 | 131 | 22210 | 6.33 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.73 | 166 | 119673 | 13.70 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.01 | 160 | 147851 | 13.90 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.54 | 143 | 11110 | 7.08 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.32 | 176 | 110016 | 14.85 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 10761 | 7.70 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.17 | 188 | 168039 | 14.66 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.47 | 212 | 185450 | 15.50 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.37 | 264 | 142623 | 14.89 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 13.77 | 163 | 43668 | 4.91 | ng/ul | 100 |
| 48) Acenaphthylene | 14.04 | 152 | 19376 | 1.66 | ng/ul | 98 |
| 59) Fluorene | 15.37 | 166 | 9147 | 1.07 | ng/ul | 98 |
| 70) Phenanthrene | 17.11 | 178 | 202911 | 14.56 | ng/ul | 99 |
| 72) Anthracene | 17.20 | 178 | 43290 | 3.03 | ng/ul | 98 |
| 75) Carbazole | 17.48 | 167 | 16296 | 1.30 | ng/ul | 97 |
| 77) Fluoranthene | 19.14 | 202 | 432863 | 29.89 | ng/ul | 98 |
| 80) Pyrene | 19.50 | 202 | 544208 | 34.70 | ng/ul | 98 |
| 83) Benzo(a)anthracene | 21.26 | 228 | 207491 | 15.08 | ng/ul | 96 |
| 85) Chrysene | 21.32 | 228 | 259130 | 19.82 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 22.84 | 252 | 233953 | 20.06 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.88 | 252 | 77281m | 6.96 | ng/ul | |
| 91) Benzo(a)pyrene | 23.41 | 252 | 183859 | 16.63 | ng/ul | 97 |
| 92) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 111406 | 9.11 | ng/ul | 97 |
| 93) Dibenzo(a,h)anthracene | 25.76 | 278 | 31713 | 3.09 | ng/ul# | 77 |
| 94) Benzo(g,h,i)perylene | 26.45 | 276 | 114294 | 11.13 | ng/ul | 98 |

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

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