Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041516\
Data File : BM004961.D
Acq On : 15 Apr 2016 16:42
Operator : UM/SJ
Sample : H2298-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9T72

Quant Time: Apr 18 10:40:43 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 22:59:24 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 83500 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.60 | 136 | 386460 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.45 | 164 | 237338 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.20 | 188 | 558254 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.38 | 240 | 531707 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.67 | 264 | 429208 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.31 | 96 | 8364 | 5.36 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.98 | 99 | 197505 | 33.14 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 107483 | 31.44 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.35 | 132 | 152875 | 30.69 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.51 | 113 | 163006 | 33.10 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.97 | 128 | 77704 | 30.36 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.69 | 143 | 88530 | 30.73 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 164854 | 31.51 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.74 | 131 | 118640 | 20.13 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.86 | 166 | 535762 | 33.18 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.14 | 160 | 615430 | 31.08 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.67 | 143 | 81880 | 29.72 | ng/ul | 0.02 |
| 57) Fluorene-d10 | 15.45 | 176 | 441235 | 31.64 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.56 | 200 | 81354 | 33.69 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.29 | 188 | 706241 | 31.84 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.59 | 212 | 754237 | 34.04 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.53 | 264 | 565324 | 34.20 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.01 | 94 | 183888 | 29.81 | ng/ul | 100 |
| 11) 2-Methylphenol | 8.25 | 108 | 177626 | 36.64 | ng/ul | 98 |
| 47) Acenaphthylene | 14.17 | 152 | 379814 | 18.07 | ng/ul | 99 |
| 49) Acenaphthene | 14.51 | 153 | 255148 | 18.64 | ng/ul | 100 |
| 53) Dibenzofuran | 14.85 | 168 | 436377 | 22.03 | ng/ul | 99 |
| 56) Diethylphthalate | 15.27 | 149 | 494632 | 31.43 | ng/ul | 99 |
| 58) Fluorene | 15.50 | 166 | 290127 | 19.05 | ng/ul | 100 |
| 64) N-Nitrosodiphenylamine | 15.71 | 169 | 503805 | 34.96 | ng/ul | 97 |
| 67) Atrazine | 16.67 | 200 | 188783 | 38.70 | ng/ul | 100 |
| 68) Pentachlorophenol | 16.85 | 266 | 194073 | 61.42 | ng/ul | 98 |
| 71) Anthracene | 17.33 | 178 | 331817 | 12.59 | ng/ul | 100 |
| 73) Di-n-butylphthalate | 18.16 | 149 | 664770 | 24.88 | ng/ul | 100 |
| 78) Butylbenzylphthalate | 20.52 | 149 | 367283 | 33.79 | ng/ul | 99 |
| 84) Di-n-octyl phthalate | 22.18 | 149 | 667538 | 32.41 | ng/ul | 100 |
| 85) Benzo(b)fluoranthene | 22.98 | 252 | 697089 | 32.74 | ng/ul | 99 |
| 86) Benzo(k)fluoranthene | 23.03 | 252 | 646506 | 31.49 | ng/ul | 99 |
| 88) Benzo(a)pyrene | 23.57 | 252 | 570840 | 28.00 | ng/ul | 100 |
| 89) Indeno(1,2,3-cd)pyrene | 25.99 | 276 | 703707 | 31.02 | ng/ul | 96 |
| 90) Dibenzo(a,h)anthracene | 26.00 | 278 | 363072 | 19.11 | ng/ul | 99 |
| 91) Benzo(g,h,i)perylene | 26.70 | 276 | 600090 | 31.41 | ng/ul | 98 |

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

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