Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005591.D
Acq On : 22 May 2016 17:49
Operator : UM/SJ
Sample : H3087-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** JHGK4

**Manual Integrations APPROVED**
umangi
5/23/2016 8:35:38 PM

Quant Time: May 23 06:03:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.81 | 152 | 40810 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.60 | 136 | 206063 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.44 | 164 | 139203 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.19 | 188 | 356949 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.36 | 240 | 495174 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.64 | 264 | 580950 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 2901 | 3.11 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.98 | 99 | 77450 | 23.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 44794 | 23.11 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.35 | 132 | 59312 | 21.25 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.52 | 113 | 63072 | 23.01 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.97 | 128 | 32308 | 20.51 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.69 | 143 | 36896 | 21.27 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.22 | 165 | 68379 | 20.93 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.74 | 131 | 79070 | 24.17 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.85 | 166 | 263938 | 23.23 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.14 | 160 | 308674 | 21.73 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.64 | 143 | 44262 | 20.59 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.43 | 176 | 240528 | 24.33 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.55 | 200 | 27936 | 13.61 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.28 | 188 | 422108 | 24.83 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.57 | 212 | 541785 | 24.16 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.50 | 264 | 677313 | 24.97 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.01 | 94 | 6747 | 1.96 | ng/ul | 95 |
| 14) Acetophenone | 8.63 | 105 | 7267 | 1.76 | ng/ul | 91 |
| 44) Dimethylphthalate | 13.90 | 163 | 56513 | 5.03 | ng/ul | 97 |
| 47) Acenaphthylene | 14.17 | 152 | 38442 | 2.66 | ng/ul | 98 |
| 58) Fluorene | 15.49 | 166 | 27370 | 2.52 | ng/ul | 97 |
| 69) Phenanthrene | 17.23 | 178 | 477562 | 23.94 | ng/ul | 99 |
| 71) Anthracene | 17.32 | 178 | 112064 | 5.51 | ng/ul | 99 |
| 74) Fluoranthene | 19.24 | 202 | 946547 | 42.15 | ng/ul | 99 |
| 77) Pyrene | 19.60 | 202 | 857942 | 30.14 | ng/ul | 98 |
| 80) Benzo(a)anthracene | 21.34 | 228 | 330230 | 11.35 | ng/ul | 95 |
| 82) Chrysene | 21.40 | 228 | 413326 | 14.93 | ng/ul | 98 |
| 85) Benzo(b)fluoranthene | 22.96 | 252 | 325824 | 9.51 | ng/ul | 97 |
| 86) Benzo(k)fluoranthene | 22.99 | 252 | 134478m | 4.15 | ng/ul | |
| 88) Benzo(a)pyrene | 23.54 | 252 | 281705 | 8.48 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 25.93 | 276 | 157585 | 3.99 | ng/ul | 96 |
| 90) Dibenzo(a,h)anthracene | 25.94 | 278 | 39266 | 1.19 | ng/ul# | 77 |
| 91) Benzo(g,h,i)perylene | 26.64 | 276 | 139338 | 4.20 | ng/ul | 99 |

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

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