Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005676.D
Acq On : 06 Jun 2016 18:59
Operator : UM/SJ
Sample : H3412-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9XS4

**Manual Integrations APPROVED**
sohil
6/7/2016 7:13:44 PM

Quant Time: Jun 07 04:56:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.76 | 152 | 103362 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.55 | 136 | 444915 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.40 | 164 | 229314 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.14 | 188 | 474993 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.33 | 240 | 484456 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.59 | 264 | 499930 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.22 | 96 | 3065 | 1.25 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.94 | 99 | 121959 | 13.42 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.09 | 67 | 79229 | 14.33 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.30 | 132 | 103289 | 13.78 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.47 | 113 | 63617 | 8.85 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.92 | 128 | 48324 | 14.14 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.64 | 143 | 50965 | 13.94 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.18 | 165 | 88235 | 13.58 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.69 | 131 | 58091 | 7.52 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.81 | 166 | 268044 | 15.20 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.09 | 160 | 343090 | 14.96 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.63 | 143 | 28247 | 11.19 | ng/ul | 0.00 |
| 21) Fluorene-d10 | 15.39 | 176 | 236318 | 15.61 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.53 | 200 | 18120 | 8.10 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.24 | 188 | 338637 | 15.01 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.54 | 212 | 364758 | 14.98 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.44 | 264 | 345445 | 15.02 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 18) Acenaphthylene | 14.12 | 152 | 34646 | 1.46 | ng/ul | 97 |
| 25) Phenanthrene | 17.19 | 178 | 86155 | 3.29 | ng/ul | 98 |
| 27) Anthracene | 17.28 | 178 | 35717 | 1.34 | ng/ul | 99 |
| 28) Fluoranthene | 19.20 | 202 | 209104 | 7.80 | ng/ul | 98 |
| 31) Pyrene | 19.57 | 202 | 194490 | 6.36 | ng/ul | 98 |
| 32) Benzo(a)anthracene | 21.31 | 228 | 121069 | 4.26 | ng/ul | 95 |
| 33) Chrysene | 21.36 | 228 | 149340 | 5.56 | ng/ul | 96 |
| 35) Benzo(b)fluoranthene | 22.91 | 252 | 286191 | 9.49 | ng/ul | 97 |
| 36) Benzo(k)fluoranthene | 22.94 | 252 | 74677m | 2.64 | ng/ul | |
| 38) Benzo(a)pyrene | 23.49 | 252 | 158496 | 5.46 | ng/ul# | 94 |
| 39) Indeno(1,2,3-cd)pyrene | 25.87 | 276 | 150267 | 4.38 | ng/ul | 96 |
| 40) Dibenzo(a,h)anthracene | 25.87 | 278 | 51440m | 1.79 | ng/ul | |
| 41) Benzo(g,h,i)perylene | 26.57 | 276 | 146626 | 5.09 | ng/ul# | 93 |

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

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