Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006595.D
Acq On : 21 Jul 2016 19:46
Operator : UM/SJ
Sample : H4078-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YS2

Manual Integrations
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umangi
7/22/2016 6:24:23 PM

Quant Time: Jul 22 02:15:41 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 142055 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 602561 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.26 | 164 | 343008 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.02 | 188 | 801641 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.22 | 240 | 980016 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.41 | 264 | 1021556 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.13 | 96 | 5159 | 1.47 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.79 | 99 | 166038 | 13.74 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 122780 | 16.40 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.15 | 132 | 143073 | 14.82 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.32 | 113 | 102294 | 10.91 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.77 | 128 | 69335 | 15.20 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.48 | 143 | 70461 | 14.53 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 131252 | 14.32 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.53 | 131 | 151946 | 15.05 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.67 | 166 | 431672 | 16.05 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 13.95 | 160 | 543990 | 15.85 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.49 | 143 | 25617m | 5.48 | ng/ul | 0.01 |
| 21) Fluorene-d10 | 15.26 | 176 | 396999 | 16.51 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 26009 | 6.25 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.11 | 188 | 608107 | 15.98 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.42 | 212 | 709213 | 15.88 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.27 | 264 | 749113 | 15.94 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Phenanthrene | 17.06 | 178 | 97683 | 2.17 | ng/ul | 99 |
| 28) Fluoranthene | 19.08 | 202 | 209787 | 3.96 | ng/ul | 99 |
| 31) Pyrene | 19.44 | 202 | 178402 | 3.01 | ng/ul | 97 |
| 32) Benzo(a)anthracene | 21.20 | 228 | 104828 | 1.76 | ng/ul | 97 |
| 33) Chrysene | 21.25 | 228 | 113332 | 2.07 | ng/ul | 98 |
| 35) Benzo(b)fluoranthene | 22.75 | 252 | 153774 | 2.51 | ng/ul | 98 |
| 36) Benzo(k)fluoranthene | 22.79 | 252 | 59792m | 1.01 | ng/ul | |
| 38) Benzo(a)pyrene | 23.31 | 252 | 103147 | 1.73 | ng/ul | 97 |
| 39) Indeno(1,2,3-cd)pyrene | 25.60 | 276 | 76266 | 1.10 | ng/ul | 98 |
| 41) Benzo(g,h,i)perylene | 26.27 | 276 | 64331 | 1.09 | ng/ul | 96 |

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

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