Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071416\
Data File : BM006421.D
Acq On : 14 Jul 2016 21:08
Operator : UM/SJ
Sample : H3990-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** BDJ63

**Manual Integrations APPROVED**
Sohil
7/15/2016 9:15:15 AM

Quant Time: Jul 15 04:59:05 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 04:34:07 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 109887 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.40 | 136 | 461382 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.27 | 164 | 286050 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.02 | 188 | 699617 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.22 | 240 | 898091 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.42 | 264 | 967372 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.14 | 96 | 3721 | 1.43 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.80 | 99 | 208240 | 23.12 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.96 | 67 | 139591 | 25.56 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.16 | 132 | 164201 | 22.50 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.33 | 113 | 160802 | 22.47 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.77 | 128 | 89977 | 25.73 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.49 | 143 | 104286 | 26.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.03 | 165 | 178130 | 23.88 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 228882 | 29.35 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.69 | 166 | 696242 | 29.74 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.96 | 160 | 791596 | 27.35 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.49 | 143 | 112207 | 27.59 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.27 | 176 | 598122 | 28.74 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 100486 | 24.83 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.12 | 188 | 1001897 | 30.30 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.42 | 212 | 1234385 | 30.31 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.29 | 264 | 1478649 | 33.42 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.73 | 163 | 231715 | 9.76 | ng/ul | 100 |
| 74) Fluoranthene | 19.09 | 202 | 219012 | 4.90 | ng/ul | 98 |
| 77) Pyrene | 19.45 | 202 | 176416 | 3.29 | ng/ul | 97 |
| 80) Benzo(a)anthracene | 21.20 | 228 | 124042 | 2.26 | ng/ul | 98 |
| 82) Chrysene | 21.26 | 228 | 116404 | 2.26 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.77 | 252 | 161617m | 2.80 | ng/ul | |
| 88) Benzo(a)pyrene | 23.33 | 252 | 117811 | 2.13 | ng/ul | 96 |
| 89) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 74808 | 1.16 | ng/ul | 98 |
| 91) Benzo(g,h,i)perylene | 26.29 | 276 | 62614 | 1.10 | ng/ul | 98 |

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

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