Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006604.D
Acq On : 22 Jul 2016 01:52
Operator : UM/SJ
Sample : H4078-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YR9

Manual Integrations
APPROVED
umangi
7/22/2016 6:24:40 PM

Quant Time: Jul 22 08:26:54 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 | 159065 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 668614 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.26 | 164 | 365729 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.02 | 188 | 815315m | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.22 | 240 | 923032 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.41 | 264 | 994361 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.14 | 96 | 6098 | 1.55 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.79 | 99 | 230674 | 17.05 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 160960 | 19.20 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.15 | 132 | 195258 | 18.06 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.32 | 113 | 151112 | 14.40 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.76 | 128 | 95105 | 18.79 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.48 | 143 | 100595 | 18.69 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 180293 | 17.73 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.53 | 131 | 156728 | 13.99 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.67 | 166 | 553354 | 19.30 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 13.95 | 160 | 719172 | 19.65 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.49 | 143 | 35769 | 7.18 | ng/ul | 0.01 |
| 21) Fluorene-d10 | 15.26 | 176 | 503741 | 19.64 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 39141 | 9.25 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.11 | 188 | 771048 | 19.92 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.42 | 212 | 877023 | 20.85 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.27 | 264 | 909397 | 19.88 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 11) Naphthalene | 10.44 | 128 | 37350 | 1.08 | ng/ul# | 94 |
| 13) 2-Methylnaphthalene | 12.06 | 142 | 27375 | 1.08 | ng/ul | 96 |
| 25) Phenanthrene | 17.06 | 178 | 392915m | 8.57 | ng/ul | |
| 27) Anthracene | 17.14 | 178 | 85186 | 1.80 | ng/ul | 98 |
| 28) Fluoranthene | 19.08 | 202 | 805281m | 14.95 | ng/ul | |
| 31) Pyrene | 19.44 | 202 | 679430 | 12.16 | ng/ul | 98 |
| 32) Benzo(a)anthracene | 21.20 | 228 | 426021 | 7.62 | ng/ul | 98 |
| 33) Chrysene | 21.25 | 228 | 418779 | 8.12 | ng/ul | 96 |
| 35) Benzo(b)fluoranthene | 22.76 | 252 | 641349 | 10.76 | ng/ul | 100 |
| 36) Benzo(k)fluoranthene | 22.79 | 252 | 196349m | 3.41 | ng/ul | |
| 38) Benzo(a)pyrene | 23.32 | 252 | 410196 | 7.07 | ng/ul | 98 |
| 39) Indeno(1,2,3-cd)pyrene | 25.61 | 276 | 314184 | 4.68 | ng/ul | 100 |
| 40) Dibenzo(a,h)anthracene | 25.61 | 278 | 85485m | 1.54 | ng/ul | |
| 41) Benzo(g,h,i)perylene | 26.28 | 276 | 309962 | 5.38 | ng/ul | 99 |

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006604.D
Acq On : 22 Jul 2016 01:52
Operator : UM/SJ
Sample : H4078-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 22 08:26:54 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

**Instrument :**
BNA_M
**ClientSampleId :**
D9YR9

**Manual Integrations**
APPROVED
umangi
7/22/2016 6:24:40 PM