Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005864.D
Acq On : 17 Jun 2016 16:34
Operator : UM/SJ
Sample : H3535-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** D9Y05

**Manual Integrations APPROVED**
umangi
6/19/2016 12:14:39 AM

Quant Time: Jun 17 17:32:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.73 | 152 | 26331 | 20.00 | ng/ul | 0.00 |
| 7) Naphthalene-d8 | 10.52 | 136 | 118584 | 20.00 | ng/ul | 0.00 |
| 15) Acenaphthene-d10 | 14.37 | 164 | 72406 | 20.00 | ng/ul | 0.00 |
| 23) Phenanthrene-d10 | 17.12 | 188 | 168587 | 20.00 | ng/ul | 0.00 |
| 29) Chrysene-d12 | 21.31 | 240 | 175911 | 20.00 | ng/ul | 0.00 |
| 34) Perylene-d12 | 23.56 | 264 | 151648 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 2) 1,4-Dioxane-d8 | 3.18 | 96 | 667 | 3.28 | ng/uL | 0.00 |
| 3) Phenol-d5 | 6.92 | 99 | 36550 | 16.58 | ng/ul | 0.00 |
| 4) Bis-(2-Chloroethyl)ether-d | 7.06 | 67 | 19945 | 17.45 | ng/ul | 0.00 |
| 5) 2-Chlorophenol-d4 | 7.27 | 132 | 35111 | 19.10 | ng/ul | 0.00 |
| 6) 4-Methylphenol-d8 | 8.45 | 113 | 28922 | 14.68 | ng/ul | 0.00 |
| 8) Nitrobenzene-d5 | 8.89 | 128 | 17249 | 20.61 | ng/ul | 0.00 |
| 9) 2-Nitrophenol-d4 | 9.61 | 143 | 21010 | 20.54 | ng/ul | 0.00 |
| 10) 2,4-Dichlorophenol-d3 | 10.16 | 165 | 39851 | 19.73 | ng/ul | 0.00 |
| 12) 4-Chloroaniline-d4 | 10.67 | 131 | 24670 | 18.05 | ng/ul | 0.00 |
| 16) Dimethylphthalate-d6 | 13.79 | 166 | 133442 | 19.48 | ng/ul | 0.00 |
| 17) Acenaphthylene-d8 | 14.07 | 160 | 160832 | 20.38 | ng/ul | 0.00 |
| 20) 4-Nitrophenol-d4 | 14.63 | 143 | 11841 | 14.34 | ng/ul | 0.02 |
| 21) Fluorene-d10 | 15.37 | 176 | 116763 | 20.00 | ng/ul | 0.00 |
| 24) 4,6-Dinitro-2-methylphenol | 15.52 | 200 | 10658 | 9.37 | ng/ul | 0.00 |
| 26) Anthracene-d10 | 17.22 | 188 | 184617 | 20.97 | ng/ul | 0.00 |
| 30) Pyrene-d10 | 19.52 | 212 | 212630 | 25.50 | ng/ul | 0.00 |
| 37) Benzo(a)pyrene-d12 | 23.42 | 264 | 162699 | 21.46 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 25) Phenanthrene | 17.16 | 178 | 111422 | 11.10 | ng/ul | 99 |
| 27) Anthracene | 17.26 | 178 | 29591 | 2.88 | ng/ul | 100 |
| 28) Fluoranthene | 19.19 | 202 | 491524 | 38.97 | ng/ul | 98 |
| 31) Pyrene | 19.55 | 202 | 459604 | 44.21 | ng/ul | 99 |
| 32) Benzo(a)anthracene | 21.30 | 228 | 299555 | 27.27 | ng/ul | 99 |
| 33) Chrysene | 21.34 | 228 | 280831 | 26.54 | ng/ul | 96 |
| 35) Benzo(b)fluoranthene | 22.89 | 252 | 396906 | 42.04 | ng/ul | 98 |
| 36) Benzo(k)fluoranthene | 22.93 | 252 | 92925m | 10.19 | ng/ul | |
| 38) Benzo(a)pyrene | 23.47 | 252 | 234930 | 25.35 | ng/ul | 99 |
| 39) Indeno(1,2,3-cd)pyrene | 25.85 | 276 | 152280 | 13.44 | ng/ul | 95 |
| 40) Dibenzo(a,h)anthracene | 25.84 | 278 | 44964m | 4.83 | ng/ul | |
| 41) Benzo(g,h,i)perylene | 26.55 | 276 | 133787 | 13.87 | ng/ul | 99 |

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

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