Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043016\
Data File : BM005167.D
Acq On : 30 Apr 2016 10:15
Operator : UM/SJ
Sample : H2729-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BD3D1

**Manual Integrations APPROVED**
sohil
5/2/2016 8:51:56 AM

Quant Time: May 01 04:03:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.79 | 152 | 36263 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.57 | 136 | 172058 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.43 | 164 | 107684 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.17 | 188 | 249006 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.36 | 240 | 264272 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.64 | 264 | 219023 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 2806 | 3.93 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.95 | 99 | 62177 | 20.73 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.12 | 67 | 38465 | 22.54 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.32 | 132 | 49155 | 20.71 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.49 | 113 | 49964 | 19.65 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.94 | 128 | 24506 | 20.56 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.66 | 143 | 25986 | 19.55 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.20 | 165 | 50980 | 20.18 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.71 | 131 | 49355 | 16.67 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.83 | 166 | 183116 | 21.53 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.12 | 160 | 220366 | 21.76 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.63 | 143 | 20930 | 14.08 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.42 | 176 | 162372 | 21.73 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.54 | 200 | 17912 | 12.65 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.27 | 188 | 259068 | 23.20 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.57 | 212 | 296895 | 24.68 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.50 | 264 | 230819 | 23.52 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.62 | 128 | 79124 | 9.12 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.24 | 142 | 16621 | 2.59 | ng/ul | 98 |
| 44) Dimethylphthalate | 13.88 | 163 | 46223 | 5.42 | ng/ul | 100 |
| 47) Acenaphthylene | 14.14 | 152 | 31791 | 2.97 | ng/ul | 98 |
| 49) Acenaphthene | 14.49 | 153 | 11876 | 1.68 | ng/ul | 99 |
| 53) Dibenzofuran | 14.82 | 168 | 40229 | 3.87 | ng/ul | 98 |
| 58) Fluorene | 15.47 | 166 | 39866 | 4.94 | ng/ul | 99 |
| 69) Phenanthrene | 17.22 | 178 | 394219 | 29.75 | ng/ul | 99 |
| 71) Anthracene | 17.30 | 178 | 90419 | 6.77 | ng/ul | 99 |
| 72) Carbazole | 17.57 | 167 | 35316 | 3.08 | ng/ul | 99 |
| 74) Fluoranthene | 19.23 | 202 | 418217 | 28.67 | ng/ul | 99 |
| 77) Pyrene | 19.60 | 202 | 355140 | 23.26 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.34 | 228 | 142508 | 9.42 | ng/ul | 99 |
| 82) Chrysene | 21.40 | 228 | 128653 | 8.89 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.96 | 252 | 129190 | 9.79 | ng/ul | 98 |
| 86) Benzo(k)fluoranthene | 23.00 | 252 | 43847m | 3.42 | ng/ul | |
| 88) Benzo(a)pyrene | 23.54 | 252 | 96491 | 7.83 | ng/ul | 99 |
| 89) Indeno(1,2,3-cd)pyrene | 25.94 | 276 | 46815 | 3.98 | ng/ul | 95 |
| 91) Benzo(g,h,i)perylene | 26.64 | 276 | 39026 | 4.06 | ng/ul | 99 |

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

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