Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080315\
Data File : BM002197.D
Acq On : 03 Aug 2015 14:53
Operator : TP/UM
Sample : G3073-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** C01L3

**Manual Integrations APPROVED**
MMDadoda
8/6/2015 4:15:17 PM

Quant Time: Aug 04 03:33:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 04 02:31:26 2015
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.53 | 152 | 92651 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.32 | 136 | 384438 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.20 | 164 | 229350 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 16.96 | 188 | 465313 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.18 | 240 | 444164 | 20.00 | ng/ul | 0.01 |
| 86) Perylene-d12 | 23.37 | 264 | 473512 | 20.00 | ng/ul | 0.02 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 2.98 | 96 | 6048 | 3.38 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.72 | 99 | 156858 | 23.68 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.87 | 67 | 80703 | 22.03 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.06 | 132 | 132951 | 23.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.26 | 113 | 133788 | 25.41 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.69 | 128 | 66076 | 24.18 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.41 | 143 | 76993 | 25.35 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 9.96 | 165 | 144849 | 24.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.47 | 131 | 131928 | 20.53 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.62 | 166 | 411356 | 24.49 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 13.90 | 160 | 492725 | 23.46 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.45 | 143 | 42593 | 15.19 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.20 | 176 | 331981 | 22.46 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 27093 | 9.52 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.06 | 188 | 456524 | 21.98 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.37 | 212 | 412511 | 22.06 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12 | 23.23 | 264 | 428115 | 18.65 | ng/ul | 0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 45) Dimethylphthalate | 13.67 | 163 | 118100 | 7.04 | ng/ul | 100 |
| 48) Acenaphthylene | 13.93 | 152 | 201710 | 9.31 | ng/ul | 99 |
| 59) Fluorene | 15.26 | 166 | 43408 | 2.58 | ng/ul | 96 |
| 70) Phenanthrene | 17.00 | 178 | 631968 | 26.22 | ng/ul | 99 |
| 72) Anthracene | 17.09 | 178 | 242675 | 9.85 | ng/ul | 98 |
| 77) Fluoranthene | 19.04 | 202 | 2306225 | 82.87 | ng/ul | 99 |
| 80) Pyrene | 19.40 | 202 | 1785372 | 73.87 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.16 | 228 | 1164618 | 47.30 | ng/ul | 93 |
| 84) Bis(2-ethylhexyl)phthalate | 21.08 | 149 | 15517 | 1.10 | ng/ul | 94 |
| 85) Chrysene | 21.22 | 228 | 1120225 | 48.63 | ng/ul | 96 |
| 88) Benzo(b)fluoranthene | 22.72 | 252 | 1659918 | 62.39 | ng/ul | 98 |
| 89) Benzo(k)fluoranthene | 22.76 | 252 | 526491m | 20.51 | ng/ul | |
| 91) Benzo(a)pyrene | 23.28 | 252 | 1093026 | 42.56 | ng/ul | 98 |
| 92) Indeno(1,2,3-cd)pyrene | 25.57 | 276 | 794935 | 26.86 | ng/ul# | 95 |
| 93) Dibenzo(a,h)anthracene | 25.57 | 278 | 224830 | 8.88 | ng/ul# | 91 |
| 94) Benzo(g,h,i)perylene | 26.25 | 276 | 661735 | 26.67 | ng/ul | 97 |

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

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