Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
Data File : BM006659.D
Acq On : 26 Jul 2016 20:58
Operator : UM/SJ
Sample : H4062-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
BDJC3

**Manual Integrations**
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Quant Time: Jul 27 04:14:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 15:24:14 2016
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.61 | 152 | 158195 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.39 | 136 | 707158 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.26 | 164 | 409310 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.02 | 188 | 946090 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.22 | 240 | 1082063 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.42 | 264 | 1133818 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 7059 | 1.73 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.79 | 99 | 265661 | 19.10 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.95 | 67 | 170587 | 19.97 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.15 | 132 | 209948 | 19.25 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.32 | 113 | 210129 | 19.27 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.76 | 128 | 99909 | 18.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.48 | 143 | 108421 | 18.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.02 | 165 | 192118 | 17.77 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.53 | 131 | 261382 | 23.79 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.67 | 166 | 610333 | 18.69 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.95 | 160 | 767592 | 18.69 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.50 | 143 | 70120m | 12.48 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.26 | 176 | 540411 | 19.08 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.40 | 200 | 49782 | 9.65 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.12 | 188 | 822818 | 18.64 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.42 | 212 | 930419 | 18.53 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.29 | 264 | 960894 | 18.73 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.72 | 163 | 244874 | 7.49 | ng/ul | 98 |
| 74) Fluoranthene | 19.08 | 202 | 121957 | 2.10 | ng/ul | 98 |
| 77) Pyrene | 19.45 | 202 | 137682 | 2.08 | ng/ul | 99 |
| 80) Benzo(a)anthracene | 21.20 | 228 | 102070m | 1.58 | ng/ul | |
| 82) Chrysene | 21.26 | 228 | 109020 | 1.85 | ng/ul | 96 |
| 85) Benzo(b)fluoranthene | 22.76 | 252 | 122294 | 1.82 | ng/ul# | 92 |
| 88) Benzo(a)pyrene | 23.33 | 252 | 118931 | 1.86 | ng/ul# | 97 |
| 91) Benzo(g,h,i)perylene | 26.30 | 276 | 66420 | 1.03 | ng/ul | 95 |

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

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