Quantitation Report (LSC Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013780.D
Acq On : 24 Jan 2018 22:25
Operator : SJ/JU
Sample : J1223-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** F6B01

Quant Time: Jan 25 03:03:29 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 00:32:09 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 134496 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.37 | 136 | 522556 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.25 | 164 | 298829 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.00 | 188 | 703450 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.20 | 240 | 791476 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.40 | 264 | 802477 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.15 | 96 | 8641 | 2.54 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.78 | 99 | 196289 | 19.01 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.94 | 67 | 120973 | 19.34 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.13 | 132 | 175608 | 20.87 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.31 | 113 | 148305 | 18.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.75 | 128 | 84233 | 20.77 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.47 | 143 | 93746 | 21.88 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.00 | 165 | 170070 | 20.55 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.52 | 131 | 207678 | 28.92 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.66 | 166 | 567646 | 23.05 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.94 | 160 | 700010 | 22.29 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.47 | 143 | 78714 | 19.67 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.24 | 176 | 508288 | 23.47 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.39 | 200 | 82770 | 19.55 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.10 | 188 | 835928 | 24.40 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.40 | 212 | 1019548 | 27.67 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.26 | 264 | 1009970 | 27.38 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.81 | 94 | 25902 | 2.501 | ng/ul# | 88 |
| 28) Naphthalene | 10.42 | 128 | 236440 | 9.095 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.05 | 142 | 143935 | 7.426 | ng/ul | 97 |
| 40) 1,1'-Biphenyl | 13.07 | 154 | 50778 | 2.041 | ng/ul | 98 |
| 44) Dimethylphthalate | 13.71 | 163 | 177757 | 7.341 | ng/ul | 98 |
| 49) Acenaphthene | 14.31 | 153 | 122338 | 6.147 | ng/ul | 96 |
| 53) Dibenzofuran | 14.65 | 168 | 220311 | 7.358 | ng/ul | 94 |
| 58) Fluorene | 15.30 | 166 | 199515 | 8.135 | ng/ul | 97 |
| 68) Pentachlorophenol | 16.66 | 266 | 79906 | 16.814 | ng/ul | 99 |
| 69) Phenanthrene | 17.04 | 178 | 1367112 | 34.963 | ng/ul | 99 |
| 71) Anthracene | 17.13 | 178 | 155701 | 3.861 | ng/ul | 97 |
| 74) Fluoranthene | 19.07 | 202 | 1025059 | 21.962 | ng/ul# | 94 |
| 77) Pyrene | 19.43 | 202 | 670536 | 13.936 | ng/ul# | 94 |
| 80) Benzo(a)anthracene | 21.19 | 228 | 149974 | 3.136 | ng/ul | 96 |
| 82) Chrysene | 21.24 | 228 | 125726 | 2.866 | ng/ul | 95 |
| 85) Benzo(b)fluoranthene | 22.74 | 252 | 85429 | 1.733 | ng/ul# | 92 |

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

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