Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100618\
Data File : BN002967.D
Acq On : 05 Oct 2018 15:27
Operator : MJ/SJ
Sample : J5183-14DL 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :**

Quant Time: Oct 06 02:37:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 06 01:07:30 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.63 | 152 | 138039 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.40 | 136 | 612156 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.27 | 164 | 357143 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.02 | 188 | 717428 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.24 | 240 | 534446 | 20.00 | ng/ul | 0.02 |
| 85) Perylene-d12 | 23.47 | 264 | 540676 | 20.00 | ng/ul | 0.04 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.20 | 96 | 4033 | 1.35 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.83 | 99 | 111562 | 9.52 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.97 | 67 | 75958 | 10.43 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.17 | 132 | 92958 | 9.63 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.35 | 113 | 91400 | 10.07 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.78 | 128 | 62269 | 13.13 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.49 | 143 | 52843 | 9.85 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.05 | 165 | 97260 | 10.04 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.51 | 131 | 453256m | 40.44 | ng/ul | -0.03 |
| 43) Dimethylphthalate-d6 | 13.68 | 166 | 298551 | 10.68 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.96 | 160 | 391721 | 10.73 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.53 | 143 | 31102m | 6.73 | ng/ul | 0.03 |
| 57) Fluorene-d10 | 15.27 | 176 | 268817 | 10.98 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.37 | 200 | 2979 | 0.66 | ng/ul | -0.04 |
| 70) Anthracene-d10 | 17.02 | 188 | 717428 | 20.95 | ng/ul | -0.09 |
| 78) Pyrene-d10 | 19.43 | 212 | 334356 | 11.86 | ng/ul | 0.02 |
| 89) Benzo(a)pyrene-d12 | 23.33 | 264 | 306802 | 10.78 | ng/ul | 0.04 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 10.45 | 128 | 157059 | 4.978 | ng/ul# | 66 |
| 34) 2-Methylnaphthalene | 12.07 | 142 | 225543 | 10.227 | ng/ul | 97 |
| 44) Dimethylphthalate | 13.73 | 163 | 169126 | 6.199 | ng/ul | 98 |
| 69) Phenanthrene | 17.07 | 178 | 120316 | 3.044 | ng/ul# | 85 |
| 75) Di-n-butylphthalate | 18.00 | 149 | 815446 | 19.760 | ng/ul | 98 |
| 76) Fluoranthene | 19.10 | 202 | 178554 | 4.234 | ng/ul | 97 |
| 79) Pyrene | 19.46 | 202 | 273016 | 7.726 | ng/ul | 98 |
| 80) Butylbenzylphthalate | 20.37 | 149 | 378467 | 25.739 | ng/ul | 97 |
| 82) Benzo(a)anthracene | 21.22 | 228 | 78173 | 2.351 | ng/ul# | 71 |
| 83) Bis(2-ethylhexyl)phthalate | 21.16 | 149 | 732202 | 34.300 | ng/ul# | 96 |
| 84) Chrysene | 21.27 | 228 | 153526 | 4.927 | ng/ul# | 89 |
| 87) Benzo(b)fluoranthene | 22.80 | 252 | 213780 | 6.474 | ng/ul# | 33 |
| 88) Benzo(k)fluoranthene | 22.84 | 252 | 42049m | 1.365 | ng/ul | |
| 90) Benzo(a)pyrene | 23.37 | 252 | 126833 | 4.063 | ng/ul# | 43 |
| 91) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 123976 | 3.355 | ng/ul# | 90 |
| 93) Benzo(g,h,i)perylene | 26.37 | 276 | 195332 | 6.323 | ng/ul# | 91 |

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

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