Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001955.D
Acq On : 03 Jul 2018 22:00
Operator : JU/SJ
Sample : J3721-18 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** F1H03

**Manual Integrations APPROVED**
Sohil
7/5/2018 4:31:19 PM

Quant Time: Jul 04 04:35:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.71 | 152 | 738299 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.48 | 136 | 3244537 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.34 | 164 | 1754706 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.09 | 188 | 3308084 | 20.00 | ng/ul | 0.00 |
| 75) Chrysene-d12 | 21.29 | 240 | 2177762 | 20.00 | ng/ul | 0.00 |
| 83) Perylene-d12 | 23.52 | 264 | 2298899 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.28 | 96 | 14339 | 0.84 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.88 | 99 | 331448 | 4.96 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.05 | 67 | 216637 | 5.25 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.25 | 132 | 278094 | 5.25 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.41 | 113 | 254828 | 4.76 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.86 | 128 | 133010 | 5.52 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.57 | 143 | 144372 | 5.79 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.10 | 165 | 274379 | 5.15 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.62 | 131 | 162652 | 2.95 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.75 | 166 | 797936 | 5.39 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.03 | 160 | 1010602 | 5.52 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.54 | 143 | 84831 | 3.11 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.33 | 176 | 690582 | 5.32 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 70203 | 3.90 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.18 | 188 | 909715 | 5.69 | ng/ul | 0.00 |
| 76) Pyrene-d10 | 19.48 | 212 | 762386 | 6.94 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12 | 23.38 | 264 | 690030 | 5.52 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 44) Dimethylphthalate | 13.80 | 163 | 324813 | 2.230 | ng/ul | 98 |
| 47) Acenaphthylene | 14.06 | 152 | 827375 | 4.686 | ng/ul | 99 |
| 69) Phenanthrene | 17.13 | 178 | 1787049 | 9.590 | ng/ul | 100 |
| 71) Anthracene | 17.22 | 178 | 2981988 | 15.809 | ng/ul | 98 |
| 72) Carbazole | 17.49 | 167 | 1351232 | 8.551 | ng/ul | 98 |
| 74) Fluoranthene | 19.15 | 202 | 11071988 | 56.524 | ng/ul# | 87 |
| 77) Pyrene | 19.52 | 202 | 11015793 | 80.830 | ng/ul# | 84 |
| 80) Benzo(a)anthracene | 21.27 | 228 | 4395645 | 31.937 | ng/ul | 95 |
| 82) Chrysene | 21.32 | 228 | 6782977 | 52.967 | ng/ul | 97 |
| 85) Benzo(b)fluoranthene | 22.86 | 252 | 11376327 | 78.351 | ng/ul# | 93 |
| 86) Benzo(k)fluoranthene | 22.89 | 252 | 3558912m | 25.277 | ng/ul | |
| 88) Benzo(a)pyrene | 23.43 | 252 | 5158180 | 38.016 | ng/ul# | 95 |
| 89) Indeno(1,2,3-cd)pyrene | 25.76 | 276 | 3993216 | 27.658 | ng/ul# | 91 |
| 90) Dibenzo(a,h)anthracene | 25.76 | 278 | 1046631 | 8.710 | ng/ul# | 87 |
| 91) Benzo(g,h,i)perylene | 26.44 | 276 | 2883984 | 24.215 | ng/ul# | 91 |

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

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