Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** A3YY8

**Manual Integrations APPROVED**
Sohil
9/6/2018 4:30:01 PM

Quant Time: Sep 06 09:01:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 218091 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.43 | 136 | 982593 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.29 | 164 | 567714 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.05 | 188 | 1204401 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.25 | 240 | 856427 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.46 | 264 | 728322 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.24 | 96 | 1375 | 0.30 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.86 | 99 | 30824 | 1.54 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.01 | 67 | 22196 | 1.77 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 25644 | 1.68 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.38 | 113 | 25101 | 1.57 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 12363 | 1.58 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 12549 | 1.53 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.08 | 165 | 24518m | 1.62 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4 | 10.59 | 131 | 22207 | 1.36 | ng/ul | 0.01 |
| 43) Dimethylphthalate-d6 | 13.71 | 166 | 91976 | 1.95 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.99 | 160 | 111855 | 1.94 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 0.00 | 143 | 0 | 0.00 | ng/ul | |
| 57) Fluorene-d10 | 15.29 | 176 | 84142 | 2.06 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 0.00 | 200 | 0 | 0.00 | ng/ul | |
| 70) Anthracene-d10 | 17.14 | 188 | 119477 | 2.08 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.44 | 212 | 115457 | 2.82 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.32 | 264 | 83356 | 2.19 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 69) Phenanthrene | 17.09 | 178 | 399598 | 6.018 | ng/ul | 99 |
| 71) Anthracene | 17.17 | 178 | 75027 | 1.114 | ng/ul | 99 |
| 76) Fluoranthene | 19.10 | 202 | 611219 | 8.088 | ng/ul | 99 |
| 79) Pyrene | 19.47 | 202 | 897844 | 17.386 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.23 | 228 | 270667 | 5.159 | ng/ul | 99 |
| 84) Chrysene | 21.28 | 228 | 322065 | 6.486 | ng/ul | 99 |
| 87) Benzo(b)fluoranthene | 22.80 | 252 | 302400 | 6.927 | ng/ul | 98 |
| 88) Benzo(k)fluoranthene | 22.83 | 252 | 98469m | 2.394 | ng/ul | |
| 90) Benzo(a)pyrene | 23.36 | 252 | 245911 | 5.913 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.66 | 276 | 157166 | 3.177 | ng/ul# | 93 |
| 93) Benzo(g,h,i)perylene | 26.34 | 276 | 156903 | 3.801 | ng/ul | 95 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090518\
Data File : BN002605.D
Acq On : 06 Sep 2018 05:58
Operator : JU/SJ
Sample : J4688-09 10X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 06 09:01:36 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
A3YY8

**Manual Integrations APPROVED**
Sohil
9/6/2018 4:30:01 PM