Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\
Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 14 05:15:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 04:33:02 2018
Response via : Initial Calibration

**Instrument :** BNA_N
**ClientSampleId :** F9F04

**Manual Integrations APPROVED**
Sohil
12/14/2018 11:26:41 AM

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.83 | 152 | 28312 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.62 | 136 | 146127 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.46 | 164 | 91524 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.21 | 188 | 229826 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.39 | 240 | 319451 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.71 | 264 | 355696 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.29 | 96 | 975 | 2.25 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.99 | 99 | 40856 | 14.68 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.16 | 67 | 22432 | 14.80 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.36 | 132 | 34238 | 15.70 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.52 | 113 | 29140 | 12.49 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.99 | 128 | 17671 | 15.26 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.71 | 143 | 20045 | 15.29 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.24 | 165 | 36529 | 15.19 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.77 | 131 | 25205 | 11.20 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.87 | 166 | 124077 | 15.19 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.16 | 160 | 153288 | 15.81 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.66 | 143 | 22523 | 13.33 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.46 | 176 | 116510 | 16.49 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 11231 | 6.79 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.31 | 188 | 184023 | 15.85 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.60 | 212 | 225448 | 15.78 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.56 | 264 | 309415 | 16.03 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.02 | 94 | 8812 | 3.136 | ng/ul | 95 |
| 44) Dimethylphthalate | 13.92 | 163 | 40672 | 5.100 | ng/ul | 100 |
| 69) Phenanthrene | 17.25 | 178 | 276928 | 20.854 | ng/ul | 99 |
| 71) Anthracene | 17.34 | 178 | 34580 | 2.540 | ng/ul | 98 |
| 74) Carbazole | 17.62 | 167 | 33202 | 2.655 | ng/ul | 99 |
| 76) Fluoranthene | 19.27 | 202 | 518301 | 31.843 | ng/ul | 98 |
| 79) Pyrene | 19.63 | 202 | 483494 | 27.091 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.37 | 228 | 243682 | 12.233 | ng/ul | 98 |
| 84) Chrysene | 21.43 | 228 | 276365 | 14.812 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 23.01 | 252 | 330179 | 15.496 | ng/ul | 97 |
| 88) Benzo(k)fluoranthene | 23.04 | 252 | 124938m | 6.262 | ng/ul | |
| 90) Benzo(a)pyrene | 23.60 | 252 | 216926 | 10.571 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 26.06 | 276 | 143756 | 5.374 | ng/ul | 95 |
| 92) Dibenzo(a,h)anthracene | 26.06 | 278 | 37870 | 1.703 | ng/ul# | 78 |
| 93) Benzo(g,h,i)perylene | 26.79 | 276 | 139009 | 6.209 | ng/ul | 99 |

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

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