Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
Data File : BN006454.D
Acq On : 21 Jun 2019 06:55
Operator : JU/SJ
Sample : K3360-07
Misc :
ALS Vial : 59 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** A41Y7

**Manual Integrations APPROVED**
mohammad
6/21/2019 10:00:24 PM

Quant Time: Jun 21 08:04:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 21 06:31:50 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 257485 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.40 | 136 | 1200891 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.28 | 164 | 719113 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.04 | 188 | 1611972 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.26 | 240 | 1541771 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.49 | 264 | 1612701 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.13 | 96 | 30110 | 4.57 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.80 | 99 | 566555 | 20.67 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 6.96 | 67 | 393728 | 23.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.16 | 132 | 447925 | 22.16 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.33 | 113 | 386191 | 17.76 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.78 | 128 | 227159 | 23.62 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.50 | 143 | 249670 | 23.83 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.03 | 165 | 419689 | 20.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.55 | 131 | 544567 | 23.53 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.69 | 166 | 1444562 | 22.92 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.97 | 160 | 1761486 | 22.80 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.50 | 143 | 171482 | 15.93 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.28 | 176 | 1265484 | 23.61 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 153478 | 15.04 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.13 | 188 | 1926255 | 23.74 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.45 | 212 | 2164787 | 24.04 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.35 | 264 | 2128495 | 23.37 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 6.83 | 94 | 50808 | 1.922 | ng/ul | 98 |
| 44) Dimethylphthalate | 13.74 | 163 | 302283 | 5.203 | ng/ul | 100 |
| 69) Phenanthrene | 17.08 | 178 | 664906 | 7.478 | ng/ul | 99 |
| 71) Anthracene | 17.17 | 178 | 125089 | 1.386 | ng/ul | 99 |
| 76) Fluoranthene | 19.11 | 202 | 932261 | 9.729 | ng/ul | 99 |
| 79) Pyrene | 19.47 | 202 | 802128 | 7.641 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.24 | 228 | 394065 | 3.739 | ng/ul | 98 |
| 84) Chrysene | 21.29 | 228 | 374893 | 3.738 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.83 | 252 | 383460 | 3.962 | ng/ul | 97 |
| 88) Benzo(k)fluoranthene | 22.87 | 252 | 114965m | 1.243 | ng/ul | |
| 90) Benzo(a)pyrene | 23.39 | 252 | 252095 | 2.716 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 117042 | 1.066 | ng/ul | 96 |

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

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