Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042036.D
Acq On : 7 Aug 2019 18:13
Operator : HP/JU
Sample : K4029-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENW2

**Manual Integrations APPROVED**
mohammad
8/9/2019 4:29:53 PM

Quant Time: Aug 08 02:33:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 72638 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 314982 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 221745 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.44 | 188 | 478230 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.72 | 240 | 468281 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.99 | 264 | 551284 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 7848 | 4.73 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.17 | 99 | 177578 | 31.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.34 | 67 | 99098 | 31.08 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.56 | 132 | 166006 | 34.06 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.73 | 113 | 155187 | 32.43 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.19 | 128 | 87169 | 36.76 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.92 | 143 | 105040 | 38.16 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.46 | 165 | 194375 | 34.97 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.98 | 131 | 207910 | 33.71 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 652802 | 37.96 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.38 | 160 | 719429 | 36.62 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.87 | 143 | 76323 | 26.43 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.68 | 176 | 573649 | 37.49 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 93974 | 30.63 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.54 | 188 | 873259 | 38.06 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.82 | 212 | 949909 | 36.35 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.77 | 264 | 1080069 | 37.50 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.20 | 94 | 13675 | 2.324 | ng/ul | 99 |
| 44) Dimethylphthalate | 14.13 | 163 | 193829 | 11.351 | ng/ul | 97 |
| 69) Phenanthrene | 17.48 | 178 | 60370 | 2.306 | ng/ul | 97 |
| 76) Fluoranthene | 19.49 | 202 | 159473m | 5.272 | ng/ul | |
| 79) Pyrene | 19.85 | 202 | 145753 | 4.627 | ng/ul | 96 |
| 82) Benzo(a)anthracene | 21.70 | 228 | 80236 | 2.471 | ng/ul | 98 |
| 84) Chrysene | 21.77 | 228 | 85845 | 2.833 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 23.95 | 252 | 122119 | 3.530 | ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 24.01 | 252 | 33276m | 1.000 | ng/ul | |
| 90) Benzo(a)pyrene | 24.84 | 252 | 79125 | 2.400 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 28.70 | 276 | 55352m | 1.440 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 29.86 | 276 | 44132m | 1.375 | ng/ul | |

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

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