Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042182.D
Acq On : 13 Aug 2019 15:54
Operator : HP/JU
Sample : K4215-05
Misc :
ALS Vial : 46 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** ETOB6

**Manual Integrations APPROVED**
mohammad
8/20/2019 8:35:40 AM

Quant Time: Aug 14 05:20:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 02:56:59 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.02 | 152 | 70934 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 290462 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.68 | 164 | 197786 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.44 | 188 | 396143 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.72 | 240 | 411113 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 25.00 | 264 | 484424 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 5334 | 3.29 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.18 | 99 | 134454 | 24.15 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.34 | 67 | 64134 | 20.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.55 | 132 | 120762 | 25.37 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.73 | 113 | 115367 | 24.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.19 | 128 | 60030 | 27.46 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.92 | 143 | 74462 | 29.33 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.47 | 165 | 143699 | 28.04 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.98 | 131 | 126416 | 22.23 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.08 | 166 | 428196 | 27.91 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.37 | 160 | 502550 | 28.68 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.88 | 143 | 49057 | 19.05 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.68 | 176 | 381876 | 27.98 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 50979 | 20.06 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.54 | 188 | 571343 | 30.06 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.83 | 212 | 646086 | 28.16 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.77 | 264 | 755651 | 29.86 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.21 | 94 | 14303 | 2.489 | ng/ul | 99 |
| 28) Naphthalene | 10.90 | 128 | 57479 | 3.871 | ng/ul | 98 |
| 34) 2-Methylnaphthalene | 12.51 | 142 | 18206 | 1.543 | ng/ul | 96 |
| 44) Dimethylphthalate | 14.13 | 163 | 150091 | 9.854 | ng/ul | 98 |
| 49) Acenaphthene | 14.74 | 153 | 21239 | 1.717 | ng/ul | 94 |
| 58) Fluorene | 15.73 | 166 | 18790 | 1.264 | ng/ul# | 93 |
| 69) Phenanthrene | 17.48 | 178 | 354034 | 16.325 | ng/ul | 99 |
| 71) Anthracene | 17.57 | 178 | 38565 | 1.753 | ng/ul | 99 |
| 74) Carbazole | 17.83 | 167 | 18479 | 1.014 | ng/ul# | 89 |
| 76) Fluoranthene | 19.49 | 202 | 461419 | 18.414 | ng/ul | 96 |
| 79) Pyrene | 19.86 | 202 | 524158 | 18.954 | ng/ul | 96 |
| 82) Benzo(a)anthracene | 21.70 | 228 | 236213 | 8.287 | ng/ul | 96 |
| 83) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 93256 | 6.279 | ng/ul | 99 |
| 84) Chrysene | 21.77 | 228 | 308416 | 11.593 | ng/ul | 96 |
| 87) Benzo(b)fluoranthene | 23.96 | 252 | 358284 | 11.786 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 24.01 | 252 | 117292m | 4.013 | ng/ul | |
| 90) Benzo(a)pyrene | 24.84 | 252 | 260038 | 8.976 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 28.73 | 276 | 171183 | 5.066 | ng/ul | 98 |
| 92) Dibenzo(a,h)anthracene | 28.77 | 278 | 53740m | 1.950 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 29.90 | 276 | 212373m | 7.528 | ng/ul | |

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

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