Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
Data File : BG042022.D
Acq On : 7 Aug 2019 9:13
Operator : HP/JU
Sample : K4028-08
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENZ0

**Manual Integrations APPROVED**
mohammad
8/7/2019 4:40:32 PM

Quant Time: Aug 07 11:23:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 10:54:34 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 69903 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 297224 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 220935 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.44 | 188 | 476498 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.72 | 240 | 461450 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.99 | 264 | 556406 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 4512 | 2.82 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.17 | 99 | 92098 | 16.79 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.34 | 67 | 49517 | 16.14 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.56 | 132 | 84902 | 18.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.73 | 113 | 74598 | 16.20 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.19 | 128 | 42470 | 18.98 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.92 | 143 | 51618 | 19.87 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.46 | 165 | 96922 | 18.48 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.98 | 131 | 92388 | 15.88 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.08 | 166 | 345496 | 20.16 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.38 | 160 | 398031 | 20.34 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.87 | 143 | 39145 | 13.61 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.68 | 176 | 318635 | 20.90 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.79 | 200 | 51321 | 16.79 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.53 | 188 | 500200 | 21.88 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.82 | 212 | 554859 | 21.55 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.76 | 264 | 638099 | 21.95 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.20 | 94 | 5824 | 1.028 | ng/ul | 93 |
| 44) Dimethylphthalate | 14.13 | 163 | 121535 | 7.143 | ng/ul | 97 |
| 69) Phenanthrene | 17.48 | 178 | 296442 | 11.364 | ng/ul | 100 |
| 71) Anthracene | 17.57 | 178 | 67718 | 2.560 | ng/ul | 98 |
| 74) Carbazole | 17.84 | 167 | 22991 | 1.049 | ng/ul | 98 |
| 75) Di-n-butylphthalate | 18.40 | 149 | 60699 | 2.247 | ng/ul | 99 |
| 76) Fluoranthene | 19.49 | 202 | 587559 | 19.494 | ng/ul | 98 |
| 79) Pyrene | 19.85 | 202 | 649429 | 20.922 | ng/ul | 98 |
| 82) Benzo(a)anthracene | 21.70 | 228 | 392488 | 12.267 | ng/ul | 97 |
| 83) Bis(2-ethylhexyl)phthalate | 21.61 | 149 | 357132 | 21.424 | ng/ul | 99 |
| 84) Chrysene | 21.76 | 228 | 383147 | 12.831 | ng/ul | 97 |
| 87) Benzo(b)fluoranthene | 23.95 | 252 | 430971 | 12.343 | ng/ul | 99 |
| 88) Benzo(k)fluoranthene | 24.01 | 252 | 144363m | 4.300 | ng/ul | |
| 90) Benzo(a)pyrene | 24.83 | 252 | 350382 | 10.530 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 28.71 | 276 | 204856 | 5.279 | ng/ul | 98 |
| 92) Dibenzo(a,h)anthracene | 28.76 | 278 | 63877m | 2.018 | ng/ul | |
| 93) Benzo(g,h,i)perylene | 29.86 | 276 | 199964 | 6.171 | ng/ul | 98 |

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

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