Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042115.D
Acq On : 9 Aug 2019 23:23
Operator : HP/JU
Sample : K4041-01
Misc :
ALS Vial : 45 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** BENW1

**Manual Integrations APPROVED**
Sohil
8/13/2019 8:17:02 AM

Quant Time: Aug 10 04:38:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.03 | 152 | 79905 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.85 | 136 | 334650 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.69 | 164 | 233622 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.44 | 188 | 478619 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.72 | 240 | 472211 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 24.99 | 264 | 554460 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.41 | 96 | 5464 | 2.99 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.19 | 99 | 123939 | 19.76 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.34 | 67 | 63831 | 18.20 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.56 | 132 | 114467 | 21.35 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.74 | 113 | 90021 | 17.10 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.20 | 128 | 58452 | 23.20 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.92 | 143 | 72424 | 24.76 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.47 | 165 | 135434 | 22.94 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.98 | 131 | 126087 | 19.24 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 14.09 | 166 | 424813 | 23.45 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 14.38 | 160 | 482293 | 23.30 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.88 | 143 | 48139 | 15.82 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.68 | 176 | 370252 | 22.97 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 61554 | 20.05 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.54 | 188 | 539984 | 23.52 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.83 | 212 | 621717 | 23.59 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 24.77 | 264 | 706060 | 24.38 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 4) Benzaldehyde | 7.16 | 77 | 15180 | 5.123 | ng/ul | 89 |
| 44) Dimethylphthalate | 14.13 | 163 | 143226 | 7.961 | ng/ul | 98 |
| 69) Phenanthrene | 17.48 | 178 | 182274 | 6.956 | ng/ul | 99 |
| 71) Anthracene | 17.57 | 178 | 34920 | 1.314 | ng/ul | 99 |
| 76) Fluoranthene | 19.50 | 202 | 310649m | 10.261 | ng/ul | |
| 79) Pyrene | 19.85 | 202 | 266792 | 8.399 | ng/ul | 96 |
| 82) Benzo(a)anthracene | 21.70 | 228 | 144276 | 4.407 | ng/ul | 99 |
| 84) Chrysene | 21.77 | 228 | 136097 | 4.454 | ng/ul | 96 |
| 87) Benzo(b)fluoranthene | 23.95 | 252 | 177968 | 5.115 | ng/ul | 97 |
| 88) Benzo(k)fluoranthene | 24.01 | 252 | 64524m | 1.929 | ng/ul | |
| 90) Benzo(a)pyrene | 24.84 | 252 | 131508 | 3.966 | ng/ul | 98 |
| 91) Indeno(1,2,3-cd)pyrene | 28.71 | 276 | 82361 | 2.130 | ng/ul | 97 |
| 93) Benzo(g,h,i)perylene | 29.88 | 276 | 70775 | 2.192 | ng/ul | 96 |

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

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