Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021821\
Data File : BG048195.D
Acq On : 18 Feb 2021 14:43
Operator : CG/JU
Sample : M1408-13
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGN0

Manual Integrations APPROVED
mohammad
2/19/2021 1:21:08 PM

Quant Time: Feb 19 05:15:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 18 12:52:13 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.11 | 152 | 42725 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.94 | 136 | 169806 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.74 | 164 | 123062 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.49 | 188 | 285067 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.76 | 240 | 330185 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.05 | 264 | 328269 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.51 | 96 | 4407 | 4.30 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.30 | 99 | 28683 | 7.97 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.43 | 67 | 67766 | 31.60 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.66 | 132 | 69501 | 27.50 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.84 | 113 | 48050 | 17.01 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.28 | 128 | 41141 | 32.44 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.01 | 143 | 50796 | 33.11 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.57 | 165 | 88271 | 29.37 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.07 | 131 | 5224 | 1.76 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.14 | 166 | 307690 | 33.75 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.44 | 160 | 350920 | 31.49 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.97 | 143 | 11670 | 7.53 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.73 | 176 | 269793 | 33.18 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 70295 | 40.22 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.59 | 188 | 465738 | 38.11 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.87 | 212 | 585537 | 35.51 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.82 | 264 | 628755 | 37.55 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 28) Naphthalene | 11.01 | 128 | 6018167 | 702.655 | ng/ul# | 64 |
| 34) 2-Methylnaphthalene | 12.58 | 142 | 492928 | 75.716 | ng/ul | 97 |
| 40) 2,4,5-Trichlorophenol | 13.27 | 196 | 6180 | 2.231 | ng/ul | 90 |
| 41) 1,1'-Biphenyl | 13.57 | 154 | 150582 | 17.838 | ng/ul | 99 |
| 45) Dimethylphthalate | 14.19 | 163 | 21439 | 2.275 | ng/ul# | 96 |
| 48) Acenaphthylene | 14.47 | 152 | 42340 | 4.249 | ng/ul# | 93 |
| 50) Acenaphthene | 14.81 | 153 | 336051 | 44.929 | ng/ul | 98 |
| 54) Dibenzofuran | 15.14 | 168 | 455781 | 41.753 | ng/ul | 100 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.37 | 232 | 26599m | 9.392 | ng/ul | |
| 59) Fluorene | 15.79 | 166 | 233740 | 26.486 | ng/ul | 98 |
| 69) Pentachlorophenol | 17.15 | 266 | 57088 | 28.625 | ng/ul | 92 |
| 70) Phenanthrene | 17.53 | 178 | 283640 | 19.804 | ng/ul | 98 |
| 72) Anthracene | 17.62 | 178 | 22624 | 1.566 | ng/ul | 97 |
| 75) Carbazole | 17.90 | 167 | 1183705 | 97.967 | ng/ul | 99 |

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

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