Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
Data File : BG047680.D
Acq On : 9 Dec 2020 19:19
Operator : CG/JU
Sample : L4941-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AZ2

Manual Integrations APPROVED
mohammad
12/10/2020 8:37:21 AM

Quant Time: Dec 10 01:18:37 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 17:39:41 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.22 | 152 | 36696 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.04 | 136 | 137407 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.84 | 164 | 109525 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.58 | 188 | 274195 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.85 | 240 | 246113 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.21 | 264 | 261649 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.55 | 96 | 1628 | 2.36 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.36 | 99 | 36954 | 11.77 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.52 | 67 | 19410 | 12.02 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.74 | 132 | 31391 | 13.18 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.91 | 113 | 22245 | 8.92 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.39 | 128 | 14930 | 13.33 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.11 | 143 | 16992 | 12.58 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.65 | 165 | 34054 | 11.61 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.17 | 131 | 35862 | 13.32 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.23 | 166 | 117536 | 12.36 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.53 | 160 | 143265 | 13.19 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.00 | 143 | 15464 | 10.96 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.82 | 176 | 108833 | 12.43 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.93 | 200 | 17167 | 9.25 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.67 | 188 | 178054 | 13.02 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.94 | 212 | 218002 | 14.99 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 24.98 | 264 | 211580 | 13.84 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.38 | 94 | 7081 | 2.386 | ng/ul# | 80 |
| 45) Dimethylphthalate | 14.27 | 163 | 18552 | 1.925 | ng/ul | 97 |
| 70) Phenanthrene | 17.62 | 178 | 45398 | 3.055 | ng/ul | 97 |
| 77) Fluoranthene | 19.61 | 202 | 160419 | 8.483 | ng/ul | 99 |
| 80) Pyrene | 19.97 | 202 | 134637 | 7.522 | ng/ul# | 98 |
| 83) Benzo(a)anthracene | 21.83 | 228 | 72930 | 4.148 | ng/ul | 95 |
| 84) Bis(2-ethylhexyl)phthalate | 21.71 | 149 | 8798 | 1.053 | ng/ul | 93 |
| 85) Chrysene | 21.90 | 228 | 68143 | 4.106 | ng/ul | 98 |
| 88) Benzo(b)fluoranthene | 24.14 | 252 | 89950m | 4.925 | ng/ul | |
| 89) Benzo(k)fluoranthene | 24.21 | 252 | 33523 | 1.852 | ng/ul | 98 |
| 91) Benzo(a)pyrene | 25.05 | 252 | 59145 | 3.591 | ng/ul# | 88 |
| 92) Indeno(1,2,3-cd)pyrene | 29.06 | 276 | 41027 | 2.043 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 30.28 | 276 | 33165m | 2.011 | ng/ul | |

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

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