Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
Data File : BG047424.D
Acq On : 23 Nov 2020 19:53
Operator : CG/JU
Sample : L4749-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0B47

Manual Integrations APPROVED
mohammad
11/25/2020 12:47:10 PM

Quant Time: Nov 24 01:49:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 24 00:48:19 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.28 | 152 | 37342 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 11.10 | 136 | 147009 | 20.00 | ng/ul | 0.00 |
| 36) Acenaphthene-d10 | 14.89 | 164 | 104041 | 20.00 | ng/ul | 0.00 |
| 62) Phenanthrene-d10 | 17.62 | 188 | 230788 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.91 | 240 | 197137 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 25.32 | 264 | 212276 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.61 | 96 | 1959 | 1.91 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.41 | 99 | 50304 | 13.43 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.59 | 67 | 26586 | 12.45 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.80 | 132 | 38322 | 15.26 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.97 | 113 | 38645 | 13.43 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 9.44 | 128 | 20090 | 16.54 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 10.17 | 143 | 22526 | 17.00 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.70 | 165 | 49449 | 16.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 11.22 | 131 | 42686 | 13.91 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 14.28 | 166 | 155278 | 17.38 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.58 | 160 | 179813 | 17.42 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 15.04 | 143 | 17287 | 12.69 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.87 | 176 | 137505 | 16.81 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.97 | 200 | 10826 | 8.24 | ng/ul | 0.00 |
| 71) Anthracene-d10 | 17.72 | 188 | 197983 | 17.29 | ng/ul | 0.00 |
| 79) Pyrene-d10 | 19.99 | 212 | 211244 | 18.41 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 25.08 | 264 | 213363 | 17.46 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 6) Phenol | 7.43 | 94 | 7303 | 2.035 | ng/ul# | 86 |
| 45) Dimethylphthalate | 14.32 | 163 | 18235 | 2.002 | ng/ul# | 97 |
| 59) Fluorene | 15.92 | 166 | 11463 | 1.377 | ng/ul | 98 |
| 70) Phenanthrene | 17.66 | 178 | 500614 | 40.168 | ng/ul | 95 |
| 72) Anthracene | 17.76 | 178 | 93086 | 7.417 | ng/ul | 98 |
| 75) Carbazole | 18.01 | 167 | 45330 | 4.477 | ng/ul | 99 |
| 77) Fluoranthene | 19.66 | 202 | 1733430 | 110.131 | ng/ul | 99 |
| 80) Pyrene | 20.02 | 202 | 1370691 | 98.157 | ng/ul | 100 |
| 81) Butylbenzylphthalate | 20.88 | 149 | 5480 | 1.117 | ng/ul# | 70 |
| 83) Benzo(a)anthracene | 21.89 | 228 | 846609 | 60.357 | ng/ul | 98 |
| 84) Bis(2-ethylhexyl)phthalate | 21.77 | 149 | 25683 | 3.757 | ng/ul# | 95 |
| 85) Chrysene | 21.96 | 228 | 905690 | 67.851 | ng/ul | 97 |
| 88) Benzo(b)fluoranthene | 24.24 | 252 | 1282303 | 85.556 | ng/ul# | 96 |
| 89) Benzo(k)fluoranthene | 24.30 | 252 | 429328m | 29.068 | ng/ul | |
| 91) Benzo(a)pyrene | 25.16 | 252 | 832789 | 62.330 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 29.25 | 276 | 592977 | 36.486 | ng/ul# | 92 |
| 93) Dibenzo(a,h)anthracene | 29.30 | 278 | 147193m | 11.046 | ng/ul | |
| 94) Benzo(g,h,i)perylene | 30.47 | 276 | 510714 | 38.084 | ng/ul | 96 |

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

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