Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029942.D
Acq On : 11 May 2021 14:34
Operator : CG/JU
Sample : PB136055BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS055

Manual Integrations APPROVED
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5/12/2021 2:06:33 PM

Quant Time: May 11 15:13:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 06:44:51 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.55 | 152 | 115296 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.32 | 136 | 492792 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.20 | 164 | 308154 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.94 | 188 | 615803 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.13 | 240 | 636737 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.29 | 264 | 667531 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.06 | 96 | 19592 | 6.79 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.48 | 84 | 224988 | 31.13 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.73 | 99 | 340305 | 31.74 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 6.89 | 67 | 206782 | 31.10 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.08 | 132 | 279190 | 33.74 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.26 | 113 | 272166 | 30.69 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.70 | 128 | 107141 | 31.55 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.42 | 143 | 96979 | 25.30 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.95 | 165 | 288935 | 37.59 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.47 | 131 | 317333 | 27.13 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.62 | 166 | 783494 | 32.80 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.89 | 160 | 978004 | 32.31 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.43 | 143 | 110540 | 28.41 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.19 | 176 | 672666 | 33.17 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 1803 | 0.45 | ng/ul | 0.01 |
| 73) Anthracene-d10 | 17.04 | 188 | 1063716 | 34.30 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.34 | 212 | 1214244 | 37.17 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.16 | 264 | 1363554 | 36.03 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.09 | 88 | 41847 | 13.394 | ng/uL# | 86 |
| 5) Pyridine | 3.49 | 79 | 233527 | 31.497 | ng/ul | 98 |
| 6) Benzaldehyde | 6.70 | 77 | 160645 | 29.025 | ng/ul | 97 |
| 8) Phenol | 6.76 | 94 | 349927 | 31.966 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 6.99 | 93 | 256931 | 29.684 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.12 | 128 | 280245 | 33.207 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.00 | 108 | 247058 | 29.788 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.08 | 45 | 430342 | 33.007 | ng/ul | 95 |
| 16) Acetophenone | 8.37 | 105 | 401313 | 28.202 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propylamine | 8.36 | 70 | 205431 | 28.216 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.33 | 108 | 278572 | 30.297 | ng/ul | 98 |
| 19) Hexachloroethane | 8.60 | 117 | 109992 | 30.848 | ng/ul | 91 |
| 22) Nitrobenzene | 8.75 | 77 | 295134 | 33.352 | ng/ul | 98 |
| 23) Isophorone | 9.27 | 82 | 594102 | 31.741 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.45 | 139 | 111008 | 26.676 | ng/ul | 96 |
| 26) 2,4-Dimethylphenol | 9.52 | 107 | 284389 | 30.287 | ng/ul | 98 |
| 27) Bis(2-Chloroethoxy)methane | 9.75 | 93 | 351972 | 32.106 | ng/ul | 98 |
| 29) 2,4-Dichlorophenol | 9.98 | 162 | 274732 | 36.398 | ng/ul | 99 |
| 30) Naphthalene | 10.37 | 128 | 828275 | 30.281 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.49 | 127 | 303194 | 25.162 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.65 | 225 | 148154 | 29.275 | ng/ul | 97 |
| 34) Caprolactam | 11.36 | 113 | 94233m | 35.179 | ng/ul | |

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| Internal Standards | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.63 | 107 | 298924 | 35.787 ng/ul | 99 |
| 36) 2-Methylnaphthalene | 11.99 | 142 | 587191 | 29.594 ng/ul | 98 |
| 37) 1-Methylnaphthalene | 12.22 | 142 | 571258 | 29.051 ng/ul | 99 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.37 | 216 | 288931 | 30.343 ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.35 | 237 | 118946 | 24.047 ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.62 | 196 | 226884 | 39.072 ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.70 | 196 | 242097 | 39.394 ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.02 | 154 | 754013 | 31.477 ng/ul | 97 |
| 44) 2-Chloronaphthalene | 13.06 | 162 | 581669 | 31.641 ng/ul | 98 |
| 45) 2-Nitroaniline | 13.28 | 65 | 155392 | 33.443 ng/ul | 95 |
| 47) Dimethylphthalate | 13.66 | 163 | 768641 | 32.138 ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 13.79 | 165 | 134241 | 31.266 ng/ul | 99 |
| 50) Acenaphthylene | 13.92 | 152 | 890006 | 30.402 ng/ul | 99 |
| 51) 3-Nitroaniline | 14.12 | 138 | 127308 | 26.395 ng/ul | 97 |
| 52) Acenaphthene | 14.26 | 153 | 651005 | 31.465 ng/ul | 99 |
| 55) 4-Nitrophenol | 14.44 | 109 | 85602 | 28.618 ng/ul | 91 |
| 56) Dibenzofuran | 14.60 | 168 | 889940 | 31.405 ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.58 | 165 | 206615 | 32.521 ng/ul | 94 |
| 58) 2,3,4,6-Tetrachlorophenol | 14.83 | 232 | 213970 | 36.563 ng/ul | 98 |
| 59) Diethylphthalate | 15.03 | 149 | 832391 | 33.369 ng/ul | 99 |
| 61) Fluorene | 15.25 | 166 | 768571 | 31.726 ng/ul | 100 |
| 62) 4-Chlorophenyl-phenylether | 15.25 | 204 | 370580 | 31.131 ng/ul | 97 |
| 63) 4-Nitroaniline | 15.29 | 138 | 119673m | 25.031 ng/ul | |
| 67) N-Nitrosodiphenylamine | 15.46 | 169 | 665409 | 33.263 ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.14 | 248 | 229082 | 33.421 ng/ul | 97 |
| 69) Hexachlorobenzene | 16.25 | 284 | 264198 | 32.458 ng/ul | 95 |
| 70) Atrazine | 16.44 | 200 | 231391 | 31.351 ng/ul | 99 |
| 71) Pentachlorophenol | 16.60 | 266 | 168040 | 36.029 ng/ul | 100 |
| 72) Phenanthrene | 16.99 | 178 | 1219273 | 33.579 ng/ul | 100 |
| 74) Anthracene | 17.07 | 178 | 1256944 | 33.860 ng/ul | 99 |
| 75) 1,2,3,4-Tetrachlorobenzene | 12.99 | 216 | 302293 | 31.033 ng/uL | 97 |
| 76) Pentachlorobenzene | 14.52 | 250 | 284370 | 30.612 ng/uL | 98 |
| 77) Carbazole | 17.35 | 167 | 1132947 | 33.310 ng/ul | 99 |
| 78) Di-n-butylphthalate | 17.92 | 149 | 1778658 | 44.058 ng/ul | 99 |
| 80) Fluoranthene | 19.01 | 202 | 1498913 | 37.705 ng/ul# | 96 |
| 82) Pyrene | 19.37 | 202 | 1532922 | 36.641 ng/ul | 100 |
| 83) Butylbenzylphthalate | 20.29 | 149 | 702496 | 47.250 ng/ul | 97 |
| 84) 3,3'-Dichlorobenzidine | 21.06 | 252 | 66543 | 4.594 ng/ul# | 95 |
| 85) Benzo(a)anthracene | 21.12 | 228 | 1471779 | 35.428 ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phthalate | 21.06 | 149 | 1076676 | 42.000 ng/ul | 99 |
| 87) Chrysene | 21.17 | 228 | 1431592 | 34.599 ng/ul | 99 |
| 89) Di-n-octyl phthalate | 21.92 | 149 | 1877582 | 36.756 ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.64 | 252 | 1538395 | 35.529 ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 22.69 | 252 | 1494610 | 32.833 ng/ul | 98 |
| 93) Benzo(a)pyrene | 23.20 | 252 | 1476750 | 37.552 ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 25.44 | 276 | 1796774 | 37.750 ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 25.45 | 278 | 1505295 | 37.310 ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 26.10 | 276 | 1456120 | 37.758 ng/ul | 99 |

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|---|---|---|---|---|---|---|

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

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