Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010421\
Data File : BP004474.D
Acq On : 04 Jan 2021 14:43
Operator : CG/JU
Sample : SSTD08006
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD080006

**Manual Integrations APPROVED**
mohammad
1/5/2021 12:30:16 PM

Quant Time: Jan 04 16:57:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP010421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 04 16:26:51 2021
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 202019 | 20.00 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.61 | 136 | 821809 | 20.00 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.46 | 164 | 507683 | 20.00 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.23 | 188 | 1139488 | 20.00 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.33 | 240 | 1167823 | 20.00 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.68 | 264 | 1325479 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.30 | 96 | 144853 | 27.55 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.70 | 84 | 994670 | 66.58 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.99 | 99 | 1323250 | 73.27 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)ether-d | 7.15 | 67 | 728995 | 69.82 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.35 | 132 | 1071059 | 76.21 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.53 | 113 | 1061026 | 74.57 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.98 | 128 | 553529 | 82.61 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.70 | 143 | 613449 | 100.28 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.23 | 165 | 1125495 | 83.60 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.75 | 131 | 1486593 | 75.25 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.87 | 166 | 3101298 | 76.92 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.16 | 160 | 3804968 | 76.80 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.68 | 143 | 588891 | 89.23 | ng/ul | 0.01 |
| 60) Fluorene-d10 | 15.47 | 176 | 2683440 | 76.10 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylphenol | 15.60 | 200 | 605886 | 130.86 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.33 | 188 | 4184637 | 74.72 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.57 | 212 | 4811014 | 78.31 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.53 | 264 | 5475493 | 76.90 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.34 | 88 | 150531 | 26.418 | ng/uL | 97 |
| 5) Pyridine | 3.72 | 79 | 993266 | 65.761 | ng/ul | 99 |
| 6) Benzaldehyde | 6.96 | 77 | 532761 | 66.383 | ng/ul | 98 |
| 8) Phenol | 7.01 | 94 | 1353162 | 73.229 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.24 | 93 | 1085088 | 73.178 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.38 | 128 | 1086637 | 76.475 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.26 | 108 | 1045049 | 74.314 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropropan | 8.35 | 45 | 1139107 | 64.482 | ng/ul | 99 |
| 16) Acetophenone | 8.64 | 105 | 1585440 | 71.919 | ng/ul | 99 |
| 17) N-Nitroso-di-n-propylamine | 8.63 | 70 | 743973 | 64.257 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.59 | 108 | 1112607 | 74.231 | ng/ul | 98 |
| 19) Hexachloroethane | 8.89 | 117 | 463938 | 76.245 | ng/ul | 98 |
| 22) Nitrobenzene | 9.02 | 77 | 1242976 | 76.115 | ng/ul | 99 |
| 23) Isophorone | 9.55 | 82 | 2327698 | 70.549 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.73 | 139 | 635193 | 96.907 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.79 | 107 | 1166330 | 73.369 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)methane | 10.03 | 93 | 1443931 | 73.555 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.26 | 162 | 1082624 | 83.249 | ng/ul | 99 |
| 30) Naphthalene | 10.66 | 128 | 3488205 | 75.909 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.78 | 127 | 1418420 | 75.186 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 10.95 | 225 | 770463 | 82.549 | ng/ul | 99 |
| 34) Caprolactam | 11.55 | 113 | 366633m | 76.405 | ng/ul | |

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Sample : SSTD08006
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD080006

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Quant Time: Jan 04 16:57:00 2021
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Quant Title : SVOA CALIBRATION
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|---|---|---|---|---|---|---|
| 35) 4-Chloro-3-methylphenol | 11.91 | 107 | 1085492 | 75.182 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.27 | 142 | 2421469 | 74.810 | ng/ul | 99 |
| 37) 1-Methylnaphthalene | 12.50 | 142 | 2330636 | 74.900 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 1428803 | 83.805 | ng/ul | 99 |
| 40) Hexachlorocyclopentadiene | 12.63 | 237 | 790796 | 74.204 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 12.89 | 196 | 904077 | 92.093 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 12.97 | 196 | 967314 | 91.494 | ng/ul | 98 |
| 43) 1,1'-Biphenyl | 13.29 | 154 | 3142598 | 77.405 | ng/ul | 100 |
| 44) 2-Chloronaphthalene | 13.33 | 162 | 2544963 | 79.055 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.55 | 65 | 660838 | 83.603 | ng/ul | 98 |
| 47) Dimethylphthalate | 13.92 | 163 | 3110628 | 75.993 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.05 | 165 | 720467 | 96.981 | ng/ul | 99 |
| 50) Acenaphthylene | 14.19 | 152 | 3687807 | 75.116 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.37 | 138 | 599555 | 86.474 | ng/ul | 100 |
| 52) Acenaphthene | 14.53 | 153 | 2618432 | 75.597 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.59 | 184 | 397358 | 138.751 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.70 | 109 | 407880 | 82.171 | ng/ul | 96 |
| 56) Dibenzofuran | 14.87 | 168 | 3685884 | 76.770 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.84 | 165 | 1016653 | 100.185 | ng/ul | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.10 | 232 | 855194 | 99.165 | ng/ul | 97 |
| 59) Diethylphthalate | 15.30 | 149 | 3082752 | 74.610 | ng/ul | 99 |
| 61) Fluorene | 15.52 | 166 | 2869210 | 72.024 | ng/ul | 98 |
| 62) 4-Chlorophenyl-phenylether | 15.52 | 204 | 1583776 | 76.206 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.55 | 138 | 535072 | 81.629 | ng/ul | 99 |
| 66) 4,6-Dinitro-2-methylphenol | 15.62 | 198 | 636631 | 123.216 | ng/ul# | 96 |
| 67) N-Nitrosodiphenylamine | 15.73 | 169 | 2549881 | 72.714 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.42 | 248 | 1099276 | 80.603 | ng/ul | 99 |
| 69) Hexachlorobenzene | 16.53 | 284 | 1241266 | 81.612 | ng/ul | 97 |
| 70) Atrazine | 16.69 | 200 | 1055091 | 77.024 | ng/ul | 100 |
| 71) Pentachlorophenol | 16.88 | 266 | 672462m | 92.564 | ng/ul | |
| 72) Phenanthrene | 17.27 | 178 | 4932042 | 75.244 | ng/ul | 99 |
| 74) Anthracene | 17.36 | 178 | 4874959 | 73.003 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachlorobenzene | 13.26 | 216 | 1431258 | 82.741 | ng/uL | 100 |
| 76) Pentachlorobenzene | 14.79 | 250 | 1428678 | 81.714 | ng/uL | 99 |
| 77) Carbazole | 17.63 | 167 | 4334188 | 76.421 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.19 | 149 | 5154959 | 69.732 | ng/ul | 98 |
| 80) Fluoranthene | 19.25 | 202 | 5951855 | 76.505 | ng/ul | 99 |
| 82) Pyrene | 19.60 | 202 | 5911755 | 74.806 | ng/ul | 99 |
| 83) Butylbenzylphthalate | 20.47 | 149 | 2399795 | 74.745 | ng/ul | 98 |
| 84) 3,3'-Dichlorobenzidine | 21.24 | 252 | 2059354 | 77.724 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.31 | 228 | 5912189 | 75.258 | ng/ul | 97 |
| 86) Bis(2-ethylhexyl)phthalate | 21.23 | 149 | 3347092 | 69.096 | ng/ul# | 96 |
| 87) Chrysene | 21.36 | 228 | 5733806 | 76.207 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.14 | 149 | 5954456 | 75.181 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 22.97 | 252 | 6602009 | 77.352 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.02 | 252 | 6221788 | 75.257 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.59 | 252 | 5950305 | 75.909 | ng/ul | 98 |
| 94) Indeno(1,2,3-cd)pyrene | 26.12 | 276 | 7741693 | 77.111 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.13 | 278 | 6328025 | 75.516 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 26.86 | 276 | 6588552 | 78.205 | ng/ul | 99 |

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**Instrument :**
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**ClientSampleId :**
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**Manual Integrations APPROVED**
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| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|

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

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