Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121720\
Data File : BP004340.D
Acq On : 17 Dec 2020 14:50
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD02097

Quant Time: Dec 17 15:18:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 12:12:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.85 | 152 | 279349 | 20.00 | ng/ul | 0.01 |
| 18) Naphthalene-d8 | 10.64 | 136 | 1154212 | 20.00 | ng/ul | 0.01 |
| 36) Acenaphthene-d10 | 14.49 | 164 | 707539 | 20.00 | ng/ul | 0.01 |
| 62) Phenanthrene-d10 | 17.25 | 188 | 1533897 | 20.00 | ng/ul | 0.00 |
| 78) Chrysene-d12 | 21.35 | 240 | 1586579 | 20.00 | ng/ul | 0.00 |
| 86) Perylene-d12 | 23.72 | 264 | 1694508 | 20.00 | ng/ul | 0.01 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.33 | 96 | 49009 | 6.16 | ng/uL | 0.00 |
| 5) Phenol-d5 | 7.00 | 99 | 468788 | 20.29 | ng/ul | 0.01 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.17 | 67 | 261365 | 18.12 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.38 | 132 | 370297 | 21.11 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8 | 8.55 | 113 | 372773 | 21.35 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5 | 9.00 | 128 | 189759 | 20.07 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4 | 9.72 | 143 | 205091 | 26.30 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3 | 10.26 | 165 | 377346 | 22.01 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.77 | 131 | 414409 | 19.50 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6 | 13.89 | 166 | 1040146 | 19.23 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8 | 14.18 | 160 | 1327603 | 19.23 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4 | 14.69 | 143 | 187080 | 20.48 | ng/ul | 0.00 |
| 58) Fluorene-d10 | 15.49 | 176 | 921790 | 18.82 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 166573 | 22.63 | ng/ul | 0.01 |
| 71) Anthracene-d10 | 17.35 | 188 | 1416155 | 18.94 | ng/ul | 0.01 |
| 79) Pyrene-d10 | 19.59 | 212 | 1602400 | 19.39 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12 | 23.56 | 264 | 1753282 | 19.64 | ng/ul | 0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.36 | 88 | 51138 | 6.188 | ng/uL | 96 |
| 4) Benzaldehyde | 6.98 | 77 | 160290 | 13.207 | ng/ul | 99 |
| 6) Phenol | 7.03 | 94 | 477489 | 19.790 | ng/ul | 99 |
| 8) Bis(2-Chloroethyl)ether | 7.26 | 93 | 376378 | 18.923 | ng/ul | 97 |
| 10) 2-Chlorophenol | 7.40 | 128 | 372446 | 20.256 | ng/ul | 98 |
| 11) 2-Methylphenol | 8.28 | 108 | 359402 | 20.650 | ng/ul | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.37 | 45 | 420314 | 17.678 | ng/ul | 98 |
| 14) Acetophenone | 8.66 | 105 | 560041 | 20.286 | ng/ul | 98 |
| 15) N-Nitroso-di-n-propylamine | 8.65 | 70 | 271731 | 20.316 | ng/ul | 97 |
| 16) 4-Methylphenol | 8.61 | 108 | 388719 | 20.868 | ng/ul | 100 |
| 17) Hexachloroethane | 8.92 | 117 | 154335 | 18.277 | ng/ul | 92 |
| 20) Nitrobenzene | 9.04 | 77 | 431488 | 18.486 | ng/ul | 99 |
| 21) Isophorone | 9.56 | 82 | 801545 | 20.342 | ng/ul | 100 |
| 23) 2-Nitrophenol | 9.75 | 139 | 212332 | 23.817 | ng/ul | 97 |
| 24) 2,4-Dimethylphenol | 9.81 | 107 | 401726 | 19.968 | ng/ul | 99 |
| 25) Bis(2-Chloroethoxy)methane | 10.05 | 93 | 491381 | 18.310 | ng/ul | 100 |
| 27) 2,4-Dichlorophenol | 10.29 | 162 | 360540 | 20.726 | ng/ul | 99 |
| 28) Naphthalene | 10.69 | 128 | 1210451 | 18.499 | ng/ul | 99 |
| 30) 4-Chloroaniline | 10.79 | 127 | 395405 | 19.139 | ng/ul | 99 |
| 31) Hexachlorobutadiene | 10.98 | 225 | 247657 | 18.429 | ng/ul | 98 |
| 32) Caprolactam | 11.55 | 113 | 120921 | 24.210 | ng/ul | 91 |
| 33) 4-Chloro-3-methylphenol | 11.93 | 107 | 368049 | 22.503 | ng/ul | 99 |
| 34) 2-Methylnaphthalene | 12.30 | 142 | 839177 | 19.062 | ng/ul | 99 |

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ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SSTD02097

Quant Time: Dec 17 15:18:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 17 12:12:22 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 35) 1-Methylnaphthalene | 12.52 | 142 | 974615 | 19.066 | ng/ul | 100 |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.67 | 216 | 468228 | 18.170 | ng/ul | 99 |
| 38) Hexachlorocyclopentadiene | 12.65 | 237 | 231986 | 15.689 | ng/ul | 99 |
| 39) 2,4,6-Trichlorophenol | 12.92 | 196 | 293344 | 23.586 | ng/ul | 99 |
| 40) 2,4,5-Trichlorophenol | 12.99 | 196 | 314313 | 22.603 | ng/ul | 98 |
| 41) 1,1'-Biphenyl | 13.32 | 154 | 1080075 | 18.203 | ng/ul | 100 |
| 42) 2-Chloronaphthalene | 13.36 | 162 | 866924 | 18.325 | ng/ul | 99 |
| 43) 2-Nitroaniline | 13.56 | 65 | 225057 | 21.804 | ng/ul | 94 |
| 45) Dimethylphthalate | 13.95 | 163 | 1036704 | 18.822 | ng/ul | 99 |
| 46) 2,6-Dinitrotoluene | 14.06 | 165 | 224519 | 21.890 | ng/ul | 93 |
| 48) Acenaphthylene | 14.21 | 152 | 1295996 | 18.921 | ng/ul | 100 |
| 49) 3-Nitroaniline | 14.39 | 138 | 170877 | 18.820 | ng/ul | 96 |
| 50) Acenaphthene | 14.55 | 153 | 892539 | 18.404 | ng/ul | 99 |
| 51) 2,4-Dinitrophenol | 14.60 | 184 | 93599 | 21.101 | ng/ul | 99 |
| 53) 4-Nitrophenol | 14.70 | 109 | 133174 | 19.756 | ng/ul | 94 |
| 54) Dibenzofuran | 14.89 | 168 | 1262114 | 18.470 | ng/ul | 97 |
| 55) 2,4-Dinitrotoluene | 14.86 | 165 | 313354 | 21.528 | ng/ul | 98 |
| 56) 2,3,4,6-Tetrachlorophenol | 15.12 | 232 | 267504 | 23.584 | ng/ul | 95 |
| 57) Diethylphthalate | 15.32 | 149 | 1014563 | 19.625 | ng/ul | 99 |
| 59) Fluorene | 15.55 | 166 | 1024930 | 18.753 | ng/ul | 100 |
| 60) 4-Chlorophenyl-phenylether | 15.54 | 204 | 535515 | 18.481 | ng/ul | 99 |
| 61) 4-Nitroaniline | 15.56 | 138 | 182713 | 18.926 | ng/ul | 98 |
| 64) 4,6-Dinitro-2-methylphenol | 15.63 | 198 | 175597 | 21.981 | ng/ul | 100 |
| 65) N-Nitrosodiphenylamine | 15.75 | 169 | 866373 | 18.989 | ng/ul | 99 |
| 66) 4-Bromophenyl-phenylether | 16.44 | 248 | 341840 | 19.163 | ng/ul | 97 |
| 67) Hexachlorobenzene | 16.56 | 284 | 397747 | 18.598 | ng/ul | 98 |
| 68) Atrazine | 16.71 | 200 | 324420 | 20.491 | ng/ul | 100 |
| 69) Pentachlorophenol | 16.90 | 266 | 199601 | 20.290 | ng/ul | 99 |
| 70) Phenanthrene | 17.29 | 178 | 1663796 | 18.386 | ng/ul | 99 |
| 72) Anthracene | 17.39 | 178 | 1683688 | 18.806 | ng/ul | 100 |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.29 | 216 | 462500 | 17.973 | ng/uL | 99 |
| 74) Pentachlorobenzene | 14.81 | 250 | 455583 | 18.310 | ng/uL | 100 |
| 75) Carbazole | 17.66 | 167 | 1455704 | 19.980 | ng/ul | 100 |
| 76) Di-n-butylphthalate | 18.21 | 149 | 1701524 | 21.920 | ng/ul | 99 |
| 77) Fluoranthene | 19.27 | 202 | 2004978 | 20.750 | ng/ul | 97 |
| 80) Pyrene | 19.62 | 202 | 2041159 | 19.072 | ng/ul | 98 |
| 81) Butylbenzylphthalate | 20.50 | 149 | 766454 | 25.947 | ng/ul | 93 |
| 82) 3,3'-Dichlorobenzidine | 21.26 | 252 | 545762 | 19.872 | ng/ul | 99 |
| 83) Benzo(a)anthracene | 21.33 | 228 | 2013302 | 19.251 | ng/ul | 100 |
| 84) Bis(2-ethylhexyl)phthalate | 21.26 | 149 | 1117804 | 23.368 | ng/ul | 99 |
| 85) Chrysene | 21.39 | 228 | 1935424 | 18.865 | ng/ul | 100 |
| 87) Di-n-octyl phthalate | 22.17 | 149 | 1937261 | 24.166 | ng/ul | 100 |
| 88) Benzo(b)fluoranthene | 23.00 | 252 | 2088629 | 19.436 | ng/ul | 99 |
| 89) Benzo(k)fluoranthene | 23.05 | 252 | 2001124 | 18.132 | ng/ul | 99 |
| 91) Benzo(a)pyrene | 23.62 | 252 | 1905447 | 19.002 | ng/ul | 99 |
| 92) Indeno(1,2,3-cd)pyrene | 26.16 | 276 | 2398057 | 19.069 | ng/ul | 100 |
| 93) Dibenzo(a,h)anthracene | 26.17 | 278 | 2009833 | 19.069 | ng/ul | 99 |
| 94) Benzo(g,h,i)perylene | 26.90 | 276 | 2008440 | 19.037 | ng/ul | 98 |

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**Instrument :**
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**ClientSampleId :**
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|---|---|---|---|---|---|---|

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

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