Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008579.D
Acq On : 28 Dec 2021 13:35
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 35 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020736

Quant Time: Dec 28 14:05:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 23 14:48:11 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.898 | 152 | 541169 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.704 | 136 | 2232299 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.527 | 164 | 1401092 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.280 | 188 | 2546166 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.356 | 240 | 2012709 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.786 | 264 | 2040824 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.352 | 96 | 101217 | 8.430 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.757 | 84 | 697838 | 20.769 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.057 | 99 | 877071 | 20.316 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.228 | 67 | 491278 | 20.035 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.434 | 132 | 720769 | 20.987 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.604 | 113 | 700479 | 20.226 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.057 | 128 | 343872 | 21.770 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.781 | 143 | 303667 | 20.967 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.316 | 165 | 747431 | 21.023 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.828 | 131 | 1000894 | 20.395 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.939 | 166 | 2045569 | 19.760 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.222 | 160 | 2748285 | 21.232 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.710 | 143 | 288884 | 17.604 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.521 | 176 | 1818659 | 20.234 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.633 | 200 | 192765 | 17.199 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.374 | 188 | 2553325 | 21.162 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.604 | 212 | 2489524 | 20.642 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.627 | 264 | 2173995 | 20.697 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.387 | 88 | 107950 | 8.316 | ng/uL | 99 |
| 5) Pyridine | 3.775 | 79 | 725047 | 21.031 | ng/ul | 97 |
| 6) Benzaldehyde | 7.034 | 77 | 567983 | 23.081 | ng/ul | 97 |
| 8) Phenol | 7.087 | 94 | 920918 | 20.760 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.322 | 93 | 729826 | 20.557 | ng/ul | 98 |
| 12) 2-Chlorophenol | 7.463 | 128 | 748780 | 20.890 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.339 | 108 | 696900 | 20.277 | ng/ul | 97 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.434 | 45 | 809587 | 19.797 | ng/ul | 100 |
| 16) Acetophenone | 8.722 | 105 | 1130184 | 21.095 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.710 | 70 | 546098 | 20.479 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.669 | 108 | 767928 | 20.870 | ng/ul | 99 |
| 19) Hexachloroethane | 8.986 | 117 | 294272 | 20.167 | ng/ul | 98 |
| 22) Nitrobenzene | 9.098 | 77 | 772945 | 21.207 | ng/ul | 98 |
| 23) Isophorone | 9.628 | 82 | 1507344 | 19.720 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.810 | 139 | 366190 | 21.970 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.875 | 107 | 817428 | 20.752 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.110 | 93 | 978113 | 20.473 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.345 | 162 | 748407 | 20.987 | ng/ul | 99 |
| 30) Naphthalene | 10.751 | 128 | 2465123 | 20.862 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.857 | 127 | 1031100 | 20.719 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.051 | 225 | 520291 | 21.042 | ng/ul | 98 |
| 34) Caprolactam | 11.610 | 113 | 188934 | 18.594 | ng/ul | 95 |
| 35) 4-Chloro-3-methylphenol | 11.980 | 107 | 693169 | 19.826 | ng/ul | 97 |
| 36) 2-Methylnaphthalene | 12.357 | 142 | 1724235 | 20.622 | ng/ul | 99 |

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Quant Title : SVOA CALIBRATION
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.580 | 142 | 1747247 | 20.527 | ng/ul | 99 |
| 39) 1,2,4,5-Tetrachloroben... | 12.727 | 216 | 1000321 | 22.119 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.716 | 237 | 588162 | 19.433 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.963 | 196 | 553376 | 21.549 | ng/ul | 99 |
| 42) 2,4,5-Trichlorophenol | 13.033 | 196 | 618073 | 22.117 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.369 | 154 | 2333116 | 21.481 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.404 | 162 | 1807426 | 21.584 | ng/ul | 98 |
| 45) 2-Nitroaniline | 13.598 | 65 | 351988 | 20.913 | ng/ul | 100 |
| 47) Dimethylphthalate | 13.986 | 163 | 2070444 | 20.047 | ng/ul | 100 |
| 48) 2,6-Dinitrotoluene | 14.098 | 165 | 379259 | 20.658 | ng/ul | 92 |
| 50) Acenaphthylene | 14.251 | 152 | 2841064 | 21.451 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.422 | 138 | 381540 | 20.167 | ng/ul | 97 |
| 52) Acenaphthene | 14.592 | 153 | 1814885 | 20.985 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.627 | 184 | 125797 | 16.234 | ng/ul | 91 |
| 55) 4-Nitrophenol | 14.722 | 109 | 205719 | 18.031 | ng/ul | 99 |
| 56) Dibenzofuran | 14.927 | 168 | 2631011 | 20.804 | ng/ul | 98 |
| 57) 2,4-Dinitrotoluene | 14.880 | 165 | 507261 | 19.970 | ng/ul | 96 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.151 | 232 | 425292 | 19.591 | ng/ul | 98 |
| 59) Diethylphthalate | 15.351 | 149 | 1878180 | 18.618 | ng/ul | 100 |
| 61) Fluorene | 15.574 | 166 | 2071568 | 20.560 | ng/ul | 100 |
| 62) 4-Chlorophenyl-phenyle... | 15.574 | 204 | 1089968 | 20.395 | ng/ul | 98 |
| 63) 4-Nitroaniline | 15.580 | 138 | 355238 | 20.486 | ng/ul | 96 |
| 66) 4,6-Dinitro-2-methylph... | 15.645 | 198 | 207901 | 17.531 | ng/ul | 99 |
| 67) N-Nitrosodiphenylamine | 15.786 | 169 | 1726084 | 22.168 | ng/ul | 100 |
| 68) 4-Bromophenyl-phenylether | 16.468 | 248 | 618152 | 21.168 | ng/ul | 98 |
| 69) Hexachlorobenzene | 16.586 | 284 | 723269 | 21.273 | ng/ul | 98 |
| 70) Atrazine | 16.739 | 200 | 553315 | 18.727 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.927 | 266 | 300620 | 17.299 | ng/ul | 98 |
| 72) Phenanthrene | 17.321 | 178 | 2981175 | 21.258 | ng/ul | 100 |
| 74) Anthracene | 17.410 | 178 | 3009672 | 21.403 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.333 | 216 | 1057997 | 24.495 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.851 | 250 | 922914 | 23.276 | ng/uL | 99 |
| 77) Carbazole | 17.674 | 167 | 2463890 | 20.562 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.239 | 149 | 2584496 | 18.472 | ng/ul | 100 |
| 80) Fluoranthene | 19.280 | 202 | 3044191 | 21.229 | ng/ul | 97 |
| 82) Pyrene | 19.633 | 202 | 3126659 | 21.639 | ng/ul | 96 |
| 83) Butylbenzylphthalate | 20.509 | 149 | 856785 | 17.495 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.274 | 252 | 853389 | 20.018 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.345 | 228 | 2711745 | 20.870 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.280 | 149 | 1318153 | 17.733 | ng/ul | 100 |
| 87) Chrysene | 21.398 | 228 | 2637872 | 21.026 | ng/ul | 100 |
| 89) Di-n-octyl phthalate | 22.215 | 149 | 1972949 | 15.181 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.045 | 252 | 2691270 | 19.901 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.098 | 252 | 2700166 | 20.688 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.680 | 252 | 2726196 | 21.060 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.321 | 276 | 3335826 | 23.368 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.339 | 278 | 2885222 | 23.293 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.091 | 276 | 2822772 | 23.925 | ng/ul | 99 |

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

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