Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011823\
Data File : BP013527.D
Acq On : 18 Jan 2023 18:12
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020747

Quant Time: Jan 19 01:47:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010523.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 18 01:06:35 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.899 | 152 | 514367 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.710 | 136 | 2208291 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.546 | 164 | 1343205 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.304 | 188 | 2570478 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.392 | 240 | 1965344 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.845 | 264 | 2420665 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.293 | 96 | 95596 | 7.224 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.723 | 84 | 684463 | 18.545 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.064 | 99 | 812319 | 19.032 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.228 | 67 | 519028 | 19.276 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.428 | 132 | 638710 | 20.066 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.611 | 113 | 644515 | 19.821 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.069 | 128 | 315649 | 20.075 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.793 | 143 | 360468 | 20.943 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.328 | 165 | 673715 | 19.641 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.852 | 131 | 853999 | 17.672 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.951 | 166 | 1753084 | 17.914 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.240 | 160 | 2093554 | 19.327 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.751 | 143 | 285200 | 15.922 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.540 | 176 | 1501160 | 17.366 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.663 | 200 | 290328 | 17.813 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.404 | 188 | 2108798 | 18.561 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.639 | 212 | 2143445 | 20.045 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.686 | 264 | 2167232 | 18.227 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.328 | 88 | 102067 | 7.004 | ng/uL | 97 |
| 5) Pyridine | 3.740 | 79 | 684317 | 18.335 | ng/ul | 98 |
| 6) Benzaldehyde | 7.040 | 77 | 365608 | 22.459 | ng/ul | 94 |
| 8) Phenol | 7.087 | 94 | 824118 | 18.663 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.322 | 93 | 671052 | 19.219 | ng/ul | 99 |
| 12) 2-Chlorophenol | 7.458 | 128 | 660500 | 19.920 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.346 | 108 | 623000 | 19.646 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.422 | 45 | 1060894 | 19.690 | ng/ul | 99 |
| 16) Acetophenone | 8.728 | 105 | 1041780 | 20.299 | ng/ul | 100 |
| 17) N-Nitroso-di-n-propyla... | 8.711 | 70 | 531474 | 21.660 | ng/ul | 99 |
| 18) 4-Methylphenol | 8.675 | 108 | 688780 | 19.761 | ng/ul | 97 |
| 19) Hexachloroethane | 8.981 | 117 | 267383 | 20.013 | ng/ul | 96 |
| 22) Nitrobenzene | 9.111 | 77 | 777232 | 18.938 | ng/ul | 96 |
| 23) Isophorone | 9.640 | 82 | 1437236 | 20.010 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.822 | 139 | 380134 | 20.313 | ng/ul | 99 |
| 26) 2,4-Dimethylphenol | 9.881 | 107 | 744744 | 19.076 | ng/ul | 99 |
| 27) Bis(2-Chloroethoxy)met... | 10.116 | 93 | 906302 | 19.095 | ng/ul | 99 |
| 29) 2,4-Dichlorophenol | 10.357 | 162 | 660135 | 19.236 | ng/ul | 98 |
| 30) Naphthalene | 10.757 | 128 | 2141654 | 18.231 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.875 | 127 | 867251 | 17.850 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.040 | 225 | 464993 | 18.869 | ng/ul | 99 |
| 34) Caprolactam | 11.657 | 113 | 173859 | 17.029 | ng/ul | 97 |
| 35) 4-Chloro-3-methylphenol | 11.999 | 107 | 649080 | 19.597 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.369 | 142 | 1422688 | 18.937 | ng/ul | 98 |

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|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.587 | 142 | 1460216 | 18.738 | ng/ul | 98 |
| 39) 1,2,4,5-Tetrachloroben... | 12.734 | 216 | 868289 | 18.856 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.710 | 237 | 502041 | 18.122 | ng/ul | 99 |
| 41) 2,4,6-Trichlorophenol | 12.975 | 196 | 541007 | 19.972 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.051 | 196 | 580361 | 19.688 | ng/ul | 99 |
| 43) 1,1'-Biphenyl | 13.375 | 154 | 1922584 | 18.853 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.422 | 162 | 1522825 | 18.506 | ng/ul | 100 |
| 45) 2-Nitroaniline | 13.628 | 65 | 401088 | 20.141 | ng/ul | 99 |
| 47) Dimethylphthalate | 13.998 | 163 | 1741501 | 17.812 | ng/ul | 98 |
| 48) 2,6-Dinitrotoluene | 14.128 | 165 | 342855 | 20.250 | ng/ul | 95 |
| 50) Acenaphthylene | 14.269 | 152 | 2273532 | 19.044 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.457 | 138 | 297241 | 16.575 | ng/ul | 94 |
| 52) Acenaphthene | 14.610 | 153 | 1538777 | 18.009 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.669 | 184 | 196094 | 15.560 | ng/ul | 96 |
| 55) 4-Nitrophenol | 14.763 | 109 | 220069 | 16.164 | ng/ul | 97 |
| 56) Dibenzofuran | 14.945 | 168 | 2165535 | 17.646 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.916 | 165 | 459876 | 18.273 | ng/ul | 98 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.169 | 232 | 475978 | 18.509 | ng/ul | 100 |
| 59) Diethylphthalate | 15.363 | 149 | 1564040 | 17.091 | ng/ul | 99 |
| 61) Fluorene | 15.598 | 166 | 1720592 | 17.565 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.587 | 204 | 908717 | 17.764 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.622 | 138 | 250358 | 15.100 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.681 | 198 | 288237 | 17.916 | ng/ul | 97 |
| 67) N-Nitrosodiphenylamine | 15.804 | 169 | 1395805 | 20.078 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.487 | 248 | 527827 | 19.824 | ng/ul | 96 |
| 69) Hexachlorobenzene | 16.604 | 284 | 612012 | 19.064 | ng/ul | 96 |
| 70) Atrazine | 16.763 | 200 | 467320 | 17.584 | ng/ul | 98 |
| 71) Pentachlorophenol | 16.951 | 266 | 330173 | 17.278 | ng/ul | 97 |
| 72) Phenanthrene | 17.345 | 178 | 2429388 | 17.777 | ng/ul | 99 |
| 74) Anthracene | 17.439 | 178 | 2455559 | 18.191 | ng/ul | 100 |
| 75) 1,2,3,4-Tetrachloroben... | 13.346 | 216 | 845525 | 21.782 | ng/uL | 99 |
| 76) Pentachlorobenzene | 14.863 | 250 | 792092 | 20.958 | ng/uL | 100 |
| 77) Carbazole | 17.710 | 167 | 2015682 | 17.240 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.251 | 149 | 2064571 | 18.005 | ng/ul | 99 |
| 80) Fluoranthene | 19.310 | 202 | 2511352 | 20.520 | ng/ul | 99 |
| 82) Pyrene | 19.663 | 202 | 2604176 | 20.082 | ng/ul | 98 |
| 83) Butylbenzylphthalate | 20.533 | 149 | 763278 | 19.397 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.304 | 252 | 785596 | 21.690 | ng/ul | 100 |
| 85) Benzo(a)anthracene | 21.375 | 228 | 2396674 | 18.414 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.286 | 149 | 1040626 | 18.985 | ng/ul | 100 |
| 87) Chrysene | 21.427 | 228 | 2299787 | 18.129 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.227 | 149 | 1800633 | 17.355 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.092 | 252 | 2635128 | 17.213 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.139 | 252 | 2610568 | 17.871 | ng/ul | 100 |
| 93) Benzo(a)pyrene | 23.733 | 252 | 2437478 | 18.134 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.404 | 276 | 3595266 | 19.304 | ng/ul | 98 |
| 95) Dibenzo(a,h)anthracene | 26.415 | 278 | 2974111 | 19.143 | ng/ul | 99 |
| 96) Benzo(g,h,i)perylene | 27.186 | 276 | 2970329 | 19.391 | ng/ul | 100 |

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

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