Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041122\
Data File : BP009749.D
Acq On : 11 Apr 2022 13:42
Operator : CG/JU
Sample : N2266-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 12 06:32:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP040722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 07 19:16:52 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
YAZ18MSD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 04/12/2022
Supervised By :Yogesh Patel 04/13/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.975 | 152 | 138901 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.787 | 136 | 600723 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.610 | 164 | 409844 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.363 | 188 | 900522 | 20.000 | ng/ul | # 0.00 |
| 79) Chrysene-d12 | 21.445 | 240 | 969889 | 20.000 | ng/ul | # 0.00 |
| 88) Perylene-d12 | 23.921 | 264 | 946429 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.393 | 96 | 13205m | 4.243 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.811 | 84 | 62427 | 7.275 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.128 | 99 | 98121 | 8.046 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.299 | 67 | 260790 | 35.922 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.505 | 132 | 253463 | 27.555 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.681 | 113 | 195742 | 19.228 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.140 | 128 | 172991 | 39.933 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.863 | 143 | 182692 | 38.466 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.404 | 165 | 320937 | 32.293 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.916 | 131 | 378738 | 26.756 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.022 | 166 | 1249836 | 38.822 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.304 | 160 | 1382899 | 36.258 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.787 | 143 | 54628 | 9.356 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.604 | 176 | 1044190 | 38.556 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.716 | 200 | 235521 | 44.149 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.463 | 188 | 1752780 | 40.652 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.686 | 212 | 2183384 | 41.219 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.762 | 264 | 2085250 | 42.309 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.428 | 88 | 15708 | 4.951 | ng/uL# | 23 |
| 5) Pyridine | 3.828 | 79 | 64718 | 7.228 | ng/ul# | 45 |
| 6) Benzaldehyde | 7.110 | 77 | 258765 | 34.600 | ng/ul | 97 |
| 8) Phenol | 7.157 | 94 | 95671 | 7.838 | ng/ul# | 93 |
| 10) Bis(2-Chloroethyl)ether | 7.393 | 93 | 302555 | 31.820 | ng/ul# | 77 |
| 12) 2-Chlorophenol | 7.540 | 128 | 235513 | 25.396 | ng/ul | 92 |
| 13) 2-Methylphenol | 8.416 | 108 | 198228 | 20.826 | ng/ul | 98 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.516 | 45 | 444801 | 31.648 | ng/ul# | 84 |
| 16) Acetophenone | 8.799 | 105 | 505415 | 31.512 | ng/ul# | 79 |
| 17) N-Nitroso-di-n-propyla... | 8.793 | 70 | 264131 | 31.764 | ng/ul# | 72 |
| 18) 4-Methylphenol | 8.746 | 108 | 184871 | 17.935 | ng/ul | 91 |
| 19) Hexachloroethane | 9.069 | 117 | 119658 | 30.560 | ng/ul# | 81 |
| 22) Nitrobenzene | 9.181 | 77 | 385777 | 34.694 | ng/ul# | 84 |
| 23) Isophorone | 9.710 | 82 | 740667 | 32.326 | ng/ul | 97 |
| 25) 2-Nitrophenol | 9.893 | 139 | 176164 | 34.777 | ng/ul# | 87 |
| 26) 2,4-Dimethylphenol | 9.957 | 107 | 320982 | 26.702 | ng/ul# | 79 |
| 27) Bis(2-Chloroethoxy)met... | 10.193 | 93 | 430092 | 31.972 | ng/ul# | 98 |
| 29) 2,4-Dichlorophenol | 10.428 | 162 | 288486 | 29.941 | ng/ul# | 83 |
| 30) Naphthalene | 10.840 | 128 | 1000415 | 32.381 | ng/ul | 97 |
| 32) 4-Chloroaniline | 10.940 | 127 | 340952 | 24.340 | ng/ul | 97 |
| 33) Hexachlorobutadiene | 11.134 | 225 | 215515 | 31.057 | ng/ul | 95 |
| 34) Caprolactam | 11.710 | 113 | 15474m | 4.856 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.057 | 107 | 324639 | 27.807 | ng/ul# | 73 |
| 36) 2-Methylnaphthalene | 12.445 | 142 | 721693 | 31.974 | ng/ul | 89 |

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Sample : N2266-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.663 | 142 | 734338 | 32.222 | ng/ul# | 95 |
| 39) 1,2,4,5-Tetrachloroben... | 12.810 | 216 | 418669 | 33.389 | ng/ul# | 92 |
| 40) Hexachlorocyclopentadiene | 12.798 | 237 | 237084 | 27.246 | ng/ul | 95 |
| 41) 2,4,6-Trichlorophenol | 13.045 | 196 | 272162 | 33.987 | ng/ul# | 83 |
| 42) 2,4,5-Trichlorophenol | 13.110 | 196 | 303689 | 35.093 | ng/ul# | 88 |
| 43) 1,1'-Biphenyl | 13.445 | 154 | 1009614 | 33.762 | ng/ul | 92 |
| 44) 2-Chloronaphthalene | 13.487 | 162 | 775296 | 33.729 | ng/ul | 93 |
| 45) 2-Nitroaniline | 13.681 | 65 | 280270 | 41.605 | ng/ul# | 81 |
| 47) Dimethylphthalate | 14.069 | 163 | 1101012 | 35.533 | ng/ul# | 92 |
| 48) 2,6-Dinitrotoluene | 14.181 | 165 | 233173 | 40.912 | ng/ul | 95 |
| 50) Acenaphthylene | 14.334 | 152 | 1293060 | 34.354 | ng/ul | 96 |
| 51) 3-Nitroaniline | 14.504 | 138 | 218212 | 36.828 | ng/ul# | 82 |
| 52) Acenaphthene | 14.675 | 153 | 833981 | 33.841 | ng/ul | 98 |
| 53) 2,4-Dinitrophenol | 14.704 | 184 | 136628 | 39.659 | ng/ul# | 79 |
| 55) 4-Nitrophenol | 14.798 | 109 | 46900 | 8.726 | ng/ul# | 57 |
| 56) Dibenzofuran | 15.010 | 168 | 1242733 | 34.263 | ng/ul | 99 |
| 57) 2,4-Dinitrotoluene | 14.963 | 165 | 350521 | 41.883 | ng/ul# | 84 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.234 | 232 | 283244 | 35.897 | ng/ul# | 86 |
| 59) Diethylphthalate | 15.434 | 149 | 1147209 | 35.775 | ng/ul | 93 |
| 61) Fluorene | 15.657 | 166 | 1042094 | 34.882 | ng/ul | 91 |
| 62) 4-Chlorophenyl-phenyle... | 15.651 | 204 | 540028 | 33.996 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.669 | 138 | 247005m | 41.621 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.728 | 198 | 207683 | 39.165 | ng/ul# | 90 |
| 67) N-Nitrosodiphenylamine | 15.863 | 169 | 932831 | 36.187 | ng/ul | 96 |
| 68) 4-Bromophenyl-phenylether | 16.551 | 248 | 344235 | 35.314 | ng/ul | 95 |
| 69) Hexachlorobenzene | 16.669 | 284 | 404846 | 36.119 | ng/ul# | 91 |
| 70) Atrazine | 16.822 | 200 | 370060 | 34.779 | ng/ul# | 89 |
| 71) Pentachlorophenol | 17.010 | 266 | 270659 | 35.674 | ng/ul# | 85 |
| 72) Phenanthrene | 17.404 | 178 | 1782762 | 37.088 | ng/ul | 98 |
| 74) Anthracene | 17.498 | 178 | 1810873 | 37.158 | ng/ul | 98 |
| 75) 1,2,3,4-Tetrachloroben... | 13.410 | 216 | 448599 | 34.456 | ng/uL# | 84 |
| 76) Pentachlorobenzene | 14.934 | 250 | 442727 | 34.887 | ng/uL | 90 |
| 77) Carbazole | 17.757 | 167 | 1656246 | 37.606 | ng/ul# | 95 |
| 78) Di-n-butylphthalate | 18.316 | 149 | 2054421 | 37.934 | ng/ul# | 93 |
| 80) Fluoranthene | 19.363 | 202 | 2268402 | 37.205 | ng/ul# | 96 |
| 82) Pyrene | 19.716 | 202 | 2305841 | 37.301 | ng/ul# | 93 |
| 83) Butylbenzylphthalate | 20.586 | 149 | 988152 | 38.966 | ng/ul# | 81 |
| 84) 3,3'-Dichlorobenzidine | 21.351 | 252 | 736543 | 35.637 | ng/ul# | 96 |
| 85) Benzo(a)anthracene | 21.427 | 228 | 2321847 | 37.762 | ng/ul | 95 |
| 86) Bis(2-ethylhexyl)phtha... | 21.357 | 149 | 1454315 | 38.126 | ng/ul# | 82 |
| 87) Chrysene | 21.480 | 228 | 2240266 | 37.764 | ng/ul | 99 |
| 89) Di-n-octyl phthalate | 22.310 | 149 | 2494428 | 37.618 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.163 | 252 | 2323984 | 36.959 | ng/ul | 98 |
| 91) Benzo(k)fluoranthene | 23.215 | 252 | 2249777 | 39.209 | ng/ul# | 98 |
| 93) Benzo(a)pyrene | 23.815 | 252 | 2230143 | 38.261 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.515 | 276 | 2339124 | 38.377 | ng/ul | 97 |
| 95) Dibenzo(a,h)anthracene | 26.539 | 278 | 2037390 | 38.549 | ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 27.309 | 276 | 1898349 | 37.773 | ng/ul# | 92 |

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

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