Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112522\
Data File : BP012725.D
Acq On : 25 Nov 2022 14:08
Operator : CG/JU
Sample : SSTD04002
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 25 15:24:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 25 15:13:37 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD040620

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay

11/26/2022
Supervised By :mohammad ahmed

11/30/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.022 | 152 | 550677 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.846 | 136 | 2442411 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.663 | 164 | 1548375 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.416 | 188 | 3259722 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.504 | 240 | 2873082 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.021 | 264 | 2187464 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.399 | 96 | 202159 | 14.963 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.817 | 84 | 1566330 | 41.024 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.169 | 99 | 1896060 | 40.844 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.352 | 67 | 1160082 | 41.767 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.552 | 132 | 1493674 | 41.812 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.728 | 113 | 1538758 | 41.903 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.193 | 128 | 718317 | 39.748 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.916 | 143 | 780839 | 39.339 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.457 | 165 | 1606409 | 44.923 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.975 | 131 | 2133897 | 42.365 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.069 | 166 | 4522037 | 42.371 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.357 | 160 | 5315230 | 44.023 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.845 | 143 | 840791 | 50.035 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.657 | 176 | 3915687 | 43.270 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.769 | 200 | 671453 | 37.242 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.516 | 188 | 6011770 | 42.469 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.745 | 212 | 6808634 | 42.289 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.863 | 264 | 4741394 | 43.969 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.434 | 88 | 220657 | 15.289 | ng/uL# | 97 |
| 5) Pyridine | 3.840 | 79 | 1541034 | 41.746 | ng/ul | 96 |
| 6) Benzaldehyde | 7.158 | 77 | 1047908 | 48.291 | ng/ul | 99 |
| 8) Phenol | 7.199 | 94 | 1991785 | 41.553 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.446 | 93 | 1630735 | 42.116 | ng/ul | 100 |
| 12) 2-Chlorophenol | 7.587 | 128 | 1596183 | 41.659 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.463 | 108 | 1558743 | 42.095 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.558 | 45 | 2327980 | 45.935 | ng/ul | 95 |
| 16) Acetophenone | 8.852 | 105 | 2445809 | 43.576 | ng/ul | 98 |
| 17) N-Nitroso-di-n-propyla... | 8.846 | 70 | 1187191 | 41.103 | ng/ul | 95 |
| 18) 4-Methylphenol | 8.799 | 108 | 1702958 | 43.266 | ng/ul | 98 |
| 19) Hexachloroethane | 9.116 | 117 | 613581 | 39.732 | ng/ul | 97 |
| 22) Nitrobenzene | 9.234 | 77 | 1750089 | 40.338 | ng/ul | 98 |
| 23) Isophorone | 9.763 | 82 | 3594719 | 42.753 | ng/ul | 99 |
| 25) 2-Nitrophenol | 9.952 | 139 | 905184 | 40.870 | ng/ul | 95 |
| 26) 2,4-Dimethylphenol | 10.005 | 107 | 1767395 | 40.581 | ng/ul | 96 |
| 27) Bis(2-Chloroethoxy)met... | 10.252 | 93 | 2203052 | 41.137 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.481 | 162 | 1639681 | 44.373 | ng/ul | 99 |
| 30) Naphthalene | 10.893 | 128 | 5236209 | 41.421 | ng/ul | 100 |
| 32) 4-Chloroaniline | 10.999 | 127 | 2201463 | 42.526 | ng/ul | 99 |
| 33) Hexachlorobutadiene | 11.181 | 225 | 1067473 | 43.628 | ng/ul | 99 |
| 34) Caprolactam | 11.769 | 113 | 495024m | 42.503 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.110 | 107 | 1648954 | 40.762 | ng/ul | 96 |
| 36) 2-Methylnaphthalene | 12.493 | 142 | 3649852 | 41.978 | ng/ul | 99 |

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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 37) 1-Methylnaphthalene | 12.716 | 142 | 3647171 | 41.880 | ng/ul | 100 |
| 39) 1,2,4,5-Tetrachloroben... | 12.857 | 216 | 2098529 | 45.351 | ng/ul | 98 |
| 40) Hexachlorocyclopentadiene | 12.840 | 237 | 1013606 | 45.031 | ng/ul | 98 |
| 41) 2,4,6-Trichlorophenol | 13.093 | 196 | 1363312 | 45.591 | ng/ul | 98 |
| 42) 2,4,5-Trichlorophenol | 13.163 | 196 | 1457925 | 46.146 | ng/ul | 97 |
| 43) 1,1'-Biphenyl | 13.498 | 154 | 4675181 | 41.965 | ng/ul | 99 |
| 44) 2-Chloronaphthalene | 13.540 | 162 | 3767633 | 42.604 | ng/ul | 97 |
| 45) 2-Nitroaniline | 13.740 | 65 | 895661 | 37.185 | ng/ul | 97 |
| 47) Dimethylphthalate | 14.116 | 163 | 4668275 | 41.898 | ng/ul | 99 |
| 48) 2,6-Dinitrotoluene | 14.234 | 165 | 897082 | 40.986 | ng/ul | 92 |
| 50) Acenaphthylene | 14.387 | 152 | 5699196 | 42.885 | ng/ul | 100 |
| 51) 3-Nitroaniline | 14.563 | 138 | 928795 | 41.858 | ng/ul | 95 |
| 52) Acenaphthene | 14.728 | 153 | 3943295 | 41.880 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.763 | 184 | 474415 | 37.544 | ng/ul | 94 |
| 55) 4-Nitrophenol | 14.863 | 109 | 600630 | 44.062 | ng/ul | 93 |
| 56) Dibenzofuran | 15.063 | 168 | 5471757 | 42.986 | ng/ul | 95 |
| 57) 2,4-Dinitrotoluene | 15.016 | 165 | 1298953 | 42.873 | ng/ul | 90 |
| 58) 2,3,4,6-Tetrachlorophenol | 15.281 | 232 | 1263110 | 45.807 | ng/ul | 96 |
| 59) Diethylphthalate | 15.481 | 149 | 4560470 | 41.225 | ng/ul | 97 |
| 61) Fluorene | 15.710 | 166 | 4309144 | 42.407 | ng/ul | 99 |
| 62) 4-Chlorophenyl-phenyle... | 15.704 | 204 | 2253975 | 43.849 | ng/ul | 92 |
| 63) 4-Nitroaniline | 15.728 | 138 | 827252 | 44.617 | ng/ul | 94 |
| 66) 4,6-Dinitro-2-methylph... | 15.781 | 198 | 722654 | 38.458 | ng/ul# | 92 |
| 67) N-Nitrosodiphenylamine | 15.916 | 169 | 3850948 | 42.120 | ng/ul | 99 |
| 68) 4-Bromophenyl-phenylether | 16.604 | 248 | 1375644 | 39.571 | ng/ul | 93 |
| 69) Hexachlorobenzene | 16.716 | 284 | 1713349 | 41.400 | ng/ul | 96 |
| 70) Atrazine | 16.875 | 200 | 1403160 | 43.089 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.057 | 266 | 1073921 | 46.210 | ng/ul | 99 |
| 72) Phenanthrene | 17.463 | 178 | 7126933 | 41.977 | ng/ul | 100 |
| 74) Anthracene | 17.557 | 178 | 7112709 | 40.930 | ng/ul | 99 |
| 75) 1,2,3,4-Tetrachloroben... | 13.463 | 216 | 2106191 | 44.109 | ng/uL | 98 |
| 76) Pentachlorobenzene | 14.981 | 250 | 2153363 | 41.847 | ng/uL | 100 |
| 77) Carbazole | 17.816 | 167 | 6423792 | 44.309 | ng/ul | 99 |
| 78) Di-n-butylphthalate | 18.369 | 149 | 7681124 | 39.414 | ng/ul | 99 |
| 80) Fluoranthene | 19.416 | 202 | 8331150 | 41.901 | ng/ul | 99 |
| 82) Pyrene | 19.775 | 202 | 8448080 | 41.679 | ng/ul | 95 |
| 83) Butylbenzylphthalate | 20.639 | 149 | 2399807 | 29.476 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.416 | 252 | 2496483 | 44.220 | ng/ul | 99 |
| 85) Benzo(a)anthracene | 21.486 | 228 | 7857445 | 43.138 | ng/ul | 98 |
| 86) Bis(2-ethylhexyl)phtha... | 21.410 | 149 | 3729857 | 33.069 | ng/ul | 97 |
| 87) Chrysene | 21.545 | 228 | 7380754 | 43.157 | ng/ul | 98 |
| 89) Di-n-octyl phthalate | 22.380 | 149 | 6103547 | 38.653 | ng/ul | 100 |
| 90) Benzo(b)fluoranthene | 23.251 | 252 | 6775988 | 46.225 | ng/ul | 99 |
| 91) Benzo(k)fluoranthene | 23.304 | 252 | 6497606 | 46.510 | ng/ul | 99 |
| 93) Benzo(a)pyrene | 23.916 | 252 | 5506040 | 45.760 | ng/ul | 100 |
| 94) Indeno(1,2,3-cd)pyrene | 26.674 | 276 | 5365973 | 38.833 | ng/ul | 99 |
| 95) Dibenzo(a,h)anthracene | 26.698 | 278 | 4904136 | 39.125 | ng/ul | 98 |
| 96) Benzo(g,h,i)perylene | 27.486 | 276 | 4565744 | 36.841 | ng/ul | 99 |

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

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