Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121222\
Data File : BP013077.D
Acq On : 12 Dec 2022 07:46
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 09:06:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 01:32:54 2022
Response via : Initial Calibration

**Instrument :**
BNA_P
**ClientSampleId :**
SSTD020705

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/12/2022
Supervised By :mohammad ahmed 12/12/2022

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.969 | 152 | 559801 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.781 | 136 | 2452614 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.610 | 164 | 1623781 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.369 | 188 | 3761884 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.451 | 240 | 3627926 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.945 | 264 | 3514683 | 20.000 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.346 | 96 | 96765 | 7.391 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.775 | 84 | 721060 | 19.387 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.122 | 99 | 912151 | 20.005 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.293 | 67 | 568460 | 20.667 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.493 | 132 | 720531 | 20.074 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.675 | 113 | 731011 | 19.566 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.140 | 128 | 354708 | 19.684 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.863 | 143 | 394199 | 19.431 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.399 | 165 | 791337 | 20.082 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.922 | 131 | 1100676 | 19.786 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.016 | 166 | 2393426 | 19.179 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.304 | 160 | 2740481 | 19.985 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.804 | 143 | 422837 | 18.836 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.604 | 176 | 2107084 | 19.958 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.722 | 200 | 407272 | 16.823 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.469 | 188 | 3384342 | 19.941 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.698 | 212 | 4118062 | 19.775 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.780 | 264 | 3434768 | 19.606 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.387 | 88 | 99945 | 7.312 | ng/uL | 96 |
| 5) Pyridine | 3.799 | 79 | 738862 | 19.989 | ng/ul | 96 |
| 6) Benzaldehyde | 7.105 | 77 | 354074 | 19.831 | ng/ul | 98 |
| 8) Phenol | 7.152 | 94 | 944191 | 20.480 | ng/ul | 97 |
| 10) Bis(2-Chloroethyl)ether | 7.387 | 93 | 756366 | 19.989 | ng/ul | 97 |
| 12) 2-Chlorophenol | 7.528 | 128 | 741110 | 20.134 | ng/ul | 96 |
| 13) 2-Methylphenol | 8.410 | 108 | 712524 | 19.824 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.499 | 45 | 1111849 | 21.413 | ng/ul | 98 |
| 16) Acetophenone | 8.799 | 105 | 1197593 | 20.905 | ng/ul | 96 |
| 17) N-Nitroso-di-n-propyla... | 8.781 | 70 | 591526 | 20.534 | ng/ul | 96 |
| 18) 4-Methylphenol | 8.740 | 108 | 800669 | 20.112 | ng/ul | 98 |
| 19) Hexachloroethane | 9.057 | 117 | 288366 | 19.604 | ng/ul | 95 |
| 22) Nitrobenzene | 9.181 | 77 | 882824 | 20.878 | ng/ul | 97 |
| 23) Isophorone | 9.710 | 82 | 1656560 | 19.374 | ng/ul | 98 |
| 25) 2-Nitrophenol | 9.893 | 139 | 437673 | 19.911 | ng/ul | 94 |
| 26) 2,4-Dimethylphenol | 9.952 | 107 | 865298 | 20.175 | ng/ul | 97 |
| 27) Bis(2-Chloroethoxy)met... | 10.187 | 93 | 1058515 | 19.361 | ng/ul | 100 |
| 29) 2,4-Dichlorophenol | 10.428 | 162 | 780205 | 20.213 | ng/ul | 99 |
| 30) Naphthalene | 10.834 | 128 | 2535538 | 19.767 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.946 | 127 | 1120507 | 20.355 | ng/ul | 98 |
| 33) Hexachlorobutadiene | 11.116 | 225 | 517889 | 19.541 | ng/ul | 97 |
| 34) Caprolactam | 11.728 | 113 | 231221m | 17.568 | ng/ul | |
| 35) 4-Chloro-3-methylphenol | 12.063 | 107 | 797723 | 20.251 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.440 | 142 | 1738169 | 19.753 | ng/ul | 100 |

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 12 09:06:19 2022
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| | Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 37) | 1-Methylnaphthalene | 12.657 | 142 | 1783864 | 19.712 | ng/ul | 99 |
| 39) | 1,2,4,5-Tetrachloroben... | 12.804 | 216 | 1039334 | 19.878 | ng/ul | 98 |
| 40) | Hexachlorocyclopentadiene | 12.781 | 237 | 427987 | 12.579 | ng/ul | 100 |
| 41) | 2,4,6-Trichlorophenol | 13.046 | 196 | 664763 | 19.783 | ng/ul | 99 |
| 42) | 2,4,5-Trichlorophenol | 13.116 | 196 | 730669 | 20.243 | ng/ul | 99 |
| 43) | 1,1'-Biphenyl | 13.445 | 154 | 2403805 | 19.711 | ng/ul | 100 |
| 44) | 2-Chloronaphthalene | 13.487 | 162 | 1919054 | 19.994 | ng/ul | 100 |
| 45) | 2-Nitroaniline | 13.693 | 65 | 502934 | 21.612 | ng/ul | 96 |
| 47) | Dimethylphthalate | 14.063 | 163 | 2390018 | 19.323 | ng/ul | 99 |
| 48) | 2,6-Dinitrotoluene | 14.187 | 165 | 459107 | 19.973 | ng/ul | 98 |
| 50) | Acenaphthylene | 14.334 | 152 | 2949172 | 20.005 | ng/ul | 100 |
| 51) | 3-Nitroaniline | 14.516 | 138 | 386761 | 17.819 | ng/ul | 97 |
| 52) | Acenaphthene | 14.675 | 153 | 2037495 | 19.944 | ng/ul | 100 |
| 53) | 2,4-Dinitrophenol | 14.722 | 184 | 232508 | 14.798 | ng/ul | 97 |
| 55) | 4-Nitrophenol | 14.816 | 109 | 315632 | 20.607 | ng/ul | 93 |
| 56) | Dibenzofuran | 15.010 | 168 | 2934239 | 20.201 | ng/ul | 99 |
| 57) | 2,4-Dinitrotoluene | 14.975 | 165 | 681497 | 20.410 | ng/ul | 100 |
| 58) | 2,3,4,6-Tetrachlorophenol | 15.234 | 232 | 652369 | 19.805 | ng/ul | 99 |
| 59) | Diethylphthalate | 15.428 | 149 | 2329056 | 19.370 | ng/ul | 99 |
| 61) | Fluorene | 15.663 | 166 | 2402060 | 20.620 | ng/ul | 100 |
| 62) | 4-Chlorophenyl-phenyle... | 15.651 | 204 | 1252938 | 20.339 | ng/ul | 100 |
| 63) | 4-Nitroaniline | 15.681 | 138 | 369706 | 19.357 | ng/ul | 93 |
| 66) | 4,6-Dinitro-2-methylph... | 15.739 | 198 | 409834 | 17.324 | ng/ul | 100 |
| 67) | N-Nitrosodiphenylamine | 15.863 | 169 | 2029594 | 19.460 | ng/ul | 99 |
| 68) | 4-Bromophenyl-phenylether | 16.551 | 248 | 781568 | 19.131 | ng/ul | 99 |
| 69) | Hexachlorobenzene | 16.669 | 284 | 926649 | 19.103 | ng/ul | 98 |
| 70) | Atrazine | 16.822 | 200 | 764844 | 18.819 | ng/ul | 99 |
| 71) | Pentachlorophenol | 17.010 | 266 | 512534 | 17.447 | ng/ul | 100 |
| 72) | Phenanthrene | 17.410 | 178 | 3942727 | 20.122 | ng/ul | 99 |
| 74) | Anthracene | 17.504 | 178 | 3963422 | 20.258 | ng/ul | 100 |
| 75) | 1,2,3,4-Tetrachloroben... | 13.410 | 216 | 1031961 | 19.227 | ng/uL | 99 |
| 76) | Pentachlorobenzene | 14.928 | 250 | 1051840 | 19.222 | ng/uL | 98 |
| 77) | Carbazole | 17.769 | 167 | 3519149 | 21.358 | ng/ul | 99 |
| 78) | Di-n-butylphthalate | 18.310 | 149 | 3974976 | 19.814 | ng/ul | 100 |
| 80) | Fluoranthene | 19.369 | 202 | 4708376 | 19.921 | ng/ul | 99 |
| 82) | Pyrene | 19.728 | 202 | 4971808 | 20.392 | ng/ul | 99 |
| 83) | Butylbenzylphthalate | 20.586 | 149 | 1785083 | 18.952 | ng/ul | 95 |
| 84) | 3,3'-Dichlorobenzidine | 21.363 | 252 | 1399059 | 17.070 | ng/ul | 99 |
| 85) | Benzo(a)anthracene | 21.439 | 228 | 4824649 | 20.033 | ng/ul | 100 |
| 86) | Bis(2-ethylhexyl)phtha... | 21.345 | 149 | 2586381 | 19.466 | ng/ul | 100 |
| 87) | Chrysene | 21.492 | 228 | 4573523 | 20.081 | ng/ul | 100 |
| 89) | Di-n-octyl phthalate | 22.304 | 149 | 4229552 | 21.480 | ng/ul | 100 |
| 90) | Benzo(b)fluoranthene | 23.180 | 252 | 4538855 | 20.252 | ng/ul | 100 |
| 91) | Benzo(k)fluoranthene | 23.227 | 252 | 4474654 | 20.134 | ng/ul | 100 |
| 93) | Benzo(a)pyrene | 23.833 | 252 | 3885879 | 19.912 | ng/ul | 100 |
| 94) | Indeno(1,2,3-cd)pyrene | 26.551 | 276 | 4750759 | 19.544 | ng/ul | 99 |
| 95) | Dibenzo(a,h)anthracene | 26.568 | 278 | 3962498 | 19.688 | ng/ul | 99 |
| 96) | Benzo(g,h,i)perylene | 27.351 | 276 | 3686772 | 18.892 | ng/ul | 99 |

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

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