Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022825\
Data File : BN036521.D
Acq On : 28 Feb 2025 18:19
Operator : RC/JU
Sample : SSTD16016
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD160208

**Manual Integrations APPROVED**
Reviewed By :Rahul Chavli 03/03/2025
Supervised By :Jagrut Upadhyay 03/03/2025

Quant Time: Mar 03 10:41:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 03 08:48:44 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.728 | 152 | 96990 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.516 | 136 | 454390 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.375 | 164 | 317222 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.122 | 188 | 640027 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.363 | 240 | 669657 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 24.339 | 264 | 710590 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.611 | 84 | 1173041 | 168.121 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.916 | 99 | 1516814 | 183.414 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.069 | 67 | 992357 | 180.966 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.457 | 113 | 1243605 | 185.874 | ng/ul | 0.02 |
| 21) Nitrobenzene-d5 | 0.000 | 128 | 0d | 0.000 | ng/ul | |
| 24) 2-Nitrophenol-d4 | 0.000 | 143 | 0d | 0.000 | ng/ul | |
| 28) 2,4-Dichlorophenol-d3 | 0.000 | 165 | 0d | 0.000 | ng/ul | |
| 31) 4-Chloroaniline-d4 | 10.669 | 131 | 1635204 | 162.849 | ng/ul | 0.02 |
| 46) Dimethylphthalate-d6 | 0.000 | 166 | 0d | 0.000 | ng/ul | |
| 49) Acenaphthylene-d8 | 0.000 | 160 | 0d | 0.000 | ng/ul | |
| 54) 4-Nitrophenol-d4 | 14.616 | 143 | 745632 | 176.594 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.510 | 200 | 753482 | 177.277 | ng/ul | 0.03 |
| 73) Anthracene-d10 | 0.000 | 188 | 0d | 0.000 | ng/ul | |
| 81) Pyrene-d10 | 0.000 | 212 | 0d | 0.000 | ng/ul | |
| 92) Benzo(a)pyrene-d12 | 0.000 | 264 | 0d | 0.000 | ng/ul | |
| Target Compounds | | | | | | Qvalue |
| 5) Pyridine | 3.634 | 79 | 1214076 | 169.745 | ng/ul | 96 |
| 6) Benzaldehyde | 6.869 | 77 | 437196 | 87.100 | ng/ul | 99 |
| 8) Phenol | 6.946 | 94 | 1595608 | 184.868 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.163 | 93 | 1191159 | 174.298 | ng/ul | 98 |
| 13) 2-Methylphenol | 8.181 | 108 | 1156551 | 182.509 | ng/ul | 100 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.252 | 45 | 2192716 | 197.363 | ng/ul | 99 |
| 16) Acetophenone | 8.563 | 105 | 1948011 | 175.411 | ng/ul | 100 |
| 18) 4-Methylphenol | 8.534 | 108 | 1286799 | 184.059 | ng/ul | 96 |
| 32) 4-Chloroaniline | 10.693 | 127 | 1559288 | 161.232 | ng/ul | 98 |
| 34) Caprolactam | 11.534 | 113 | 463380m | 182.739 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.545 | 237 | 823574 | 146.504 | ng/ul | 95 |
| 51) 3-Nitroaniline | 14.298 | 138 | 753706 | 158.299 | ng/ul | 99 |
| 53) 2,4-Dinitrophenol | 14.498 | 184 | 584462 | 193.899 | ng/ul | 97 |
| 55) 4-Nitrophenol | 14.634 | 109 | 699830 | 156.952 | ng/ul | 97 |
| 63) 4-Nitroaniline | 15.475 | 138 | 628379 | 133.687 | ng/ul | 98 |
| 66) 4,6-Dinitro-2-methylph... | 15.528 | 198 | 769395 | 168.564 | ng/ul# | 96 |
| 70) Atrazine | 16.604 | 200 | 1020486 | 133.632 | ng/ul | 96 |
| 71) Pentachlorophenol | 16.775 | 266 | 788262 | 155.857 | ng/ul | 99 |
| 77) Carbazole | 17.533 | 167 | 5070720 | 158.268 | ng/ul | 99 |
| 84) 3,3'-Dichlorobenzidine | 21.269 | 252 | 1719496 | 143.528 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.398 | 149 | 8040685 | 144.919 | ng/ul | 100 |

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