Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032324\
Data File : BN030470.D
Acq On : 22 Mar 2024 16:56
Operator : MA/JU
Sample : SSTD16031
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 23 00:05:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 22 16:13:27 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD160209

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 03/25/2024
Supervised By :mohammad ahmed 03/26/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.728 | 152 | 354332 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.522 | 136 | 1781399 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.375 | 164 | 1182363 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.122 | 188 | 2546614 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.375 | 240 | 2039882 | 20.000 | ng/ul | 0.02 |
| 88) Perylene-d12 | 24.339 | 264 | 2068978 | 20.000 | ng/ul | 0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.617 | 84 | 4090496 | 146.421 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.899 | 99 | 5341203 | 155.983 | ng/ul | 0.01 |
| 9) Bis-(2-Chloroethyl)eth... | 7.075 | 67 | 3047039 | 144.514 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.446 | 113 | 4276536 | 157.335 | 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 | 10.663 | 131 | 6247181 | 140.892 | ng/ul | 0.01 |
| 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 | 14.598 | 143 | 2603130 | 149.478 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.504 | 200 | 2118264 | 187.336 | 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 | 3.640 | 79 | 4015022 | 142.753 | ng/ul | 97 |
| 6) Benzaldehyde | 6.875 | 77 | 1592362m | 98.591 | ng/ul | |
| 8) Phenol | 6.928 | 94 | 5353088 | 153.085 | ng/ul | 99 |
| 10) Bis(2-Chloroethyl)ether | 7.169 | 93 | 4143905 | 144.157 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.169 | 108 | 4134999 | 155.946 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.269 | 45 | 5559897 | 145.008 | ng/ul | 98 |
| 16) Acetophenone | 8.563 | 105 | 6186875 | 143.651 | ng/ul | 97 |
| 18) 4-Methylphenol | 8.522 | 108 | 4562833 | 157.446 | ng/ul | 94 |
| 32) 4-Chloroaniline | 10.693 | 127 | 5905377 | 138.059 | ng/ul | 99 |
| 34) Caprolactam | 11.516 | 113 | 1632751m | 151.815 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.534 | 237 | 2740734 | 140.933 | ng/ul | 99 |
| 51) 3-Nitroaniline | 14.299 | 138 | 2457308 | 132.472 | ng/ul | 93 |
| 53) 2,4-Dinitrophenol | 14.498 | 184 | 1507071 | 207.552 | ng/ul | 90 |
| 55) 4-Nitrophenol | 14.616 | 109 | 1891858 | 140.507 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.481 | 138 | 2314129 | 129.131 | ng/ul | 97 |
| 66) 4,6-Dinitro-2-methylph... | 15.522 | 198 | 2242558 | 173.053 | ng/ul# | 96 |
| 70) Atrazine | 16.610 | 200 | 3569692 | 141.143 | ng/ul | 94 |
| 71) Pentachlorophenol | 16.769 | 266 | 2838676 | 151.702 | ng/ul | 89 |
| 77) Carbazole | 17.534 | 167 | 15339610 | 119.079 | ng/ul | 93 |
| 84) 3,3'-Dichlorobenzidine | 21.280 | 252 | 5953297 | 131.316 | ng/ul | 93 |
| 89) Di-n-octyl phthalate | 22.427 | 149 | 19637204m | 132.824 | ng/ul | |

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