Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041023\
Data File : BN024824.D
Acq On : 10 Apr 2023 14:21
Operator : CG/JU
Sample : SSTD16094
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTD160216

**Manual Integrations APPROVED**

Reviewed By :Christian Giraldo 04/11/2023
Supervised By :Jagrut Upadhyay 04/11/2023

Quant Time: Apr 11 02:41:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041023.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 10 15:00:02 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.946 | 152 | 308643 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.763 | 136 | 1391738 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.598 | 164 | 852321 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.345 | 188 | 1823106 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.545 | 240 | 1561366 | 20.000 | ng/ul | 0.01 |
| 88) Perylene-d12 | 23.992 | 264 | 1823751 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/uL | |
| 4) Pyridine-d5 | 3.734 | 84 | 3779170 | 155.632 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.122 | 99 | 4771566 | 158.572 | ng/ul | 0.02 |
| 9) Bis-(2-Chloroethyl)eth... | 7.281 | 67 | 2993039 | 148.712 | ng/ul | 0.01 |
| 11) 2-Chlorophenol-d4 | 0.000 | 132 | 0d | 0.000 | ng/ul | |
| 15) 4-Methylphenol-d8 | 8.681 | 113 | 3780920 | 158.276 | 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 | 10.916 | 131 | 5061976 | 152.892 | 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 | 14.828 | 143 | 2196740 | 162.191 | ng/ul | 0.04 |
| 60) Fluorene-d10 | 0.000 | 176 | 0d | 0.000 | ng/ul | |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 200 | 1937006 | 163.258 | ng/ul | 0.04 |
| 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 | 3.752 | 79 | 3907436 | 155.748 | ng/ul | 97 |
| 6) Benzaldehyde | 7.081 | 77 | 1509109 | 102.459 | ng/ul | 99 |
| 8) Phenol | 7.152 | 94 | 4878074 | 155.660 | ng/ul | 98 |
| 10) Bis(2-Chloroethyl)ether | 7.381 | 93 | 3648240 | 148.287 | ng/ul | 99 |
| 13) 2-Methylphenol | 8.404 | 108 | 3613723 | 157.063 | ng/ul | 99 |
| 14) 2,2'-oxybis(1-Chloropr... | 8.487 | 45 | 7031288 | 145.547 | ng/ul | 99 |
| 16) Acetophenone | 8.793 | 105 | 5539758 | 146.662 | ng/ul | 98 |
| 18) 4-Methylphenol | 8.757 | 108 | 3960109 | 154.779 | ng/ul | 99 |
| 32) 4-Chloroaniline | 10.940 | 127 | 5022062 | 149.841 | ng/ul | 99 |
| 34) Caprolactam | 11.769 | 113 | 1318419m | 171.930 | ng/ul | |
| 40) Hexachlorocyclopentadiene | 12.769 | 237 | 2394195 | 157.927 | ng/ul | 98 |
| 51) 3-Nitroaniline | 14.522 | 138 | 2069116 | 151.734 | ng/ul | 100 |
| 53) 2,4-Dinitrophenol | 14.728 | 184 | 1599107 | 191.663 | ng/ul | 98 |
| 55) 4-Nitrophenol | 14.845 | 109 | 1770731 | 160.632 | ng/ul | 95 |
| 63) 4-Nitroaniline | 15.704 | 138 | 1992275m | 150.581 | ng/ul | |
| 66) 4,6-Dinitro-2-methylph... | 15.751 | 198 | 1861297 | 160.150 | ng/ul# | 96 |
| 70) Atrazine | 16.822 | 200 | 2755273 | 146.400 | ng/ul | 99 |
| 71) Pentachlorophenol | 16.998 | 266 | 2048237 | 158.827 | ng/ul | 97 |
| 77) Carbazole | 17.757 | 167 | 13235211 | 141.393 | ng/ul | 96 |
| 84) 3,3'-Dichlorobenzidine | 21.463 | 252 | 5116152 | 142.814 | ng/ul | 97 |
| 89) Di-n-octyl phthalate | 22.380 | 149 | 15950136 | 127.264 | ng/ul | 100 |

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