Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046047.D
Acq On : 18 Jun 2024 12:42
Operator : MA/JU
Sample : SSTD1.655
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD1.6019

Quant Time: Jun 18 13:55:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 12:39:16 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.459 | 152 | 2436 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.227 | 136 | 6853 | 0.400 | ng/ul | -0.03 |
| 9) Acenaphthene-d10 | 14.095 | 164 | 3596 | 0.400 | ng/ul | -0.02 |
| 13) Phenanthrene-d10 | 16.850 | 188 | 7283 | 0.400 | ng/ul | -0.01 |
| 17) Chrysene-d12 | 21.038 | 240 | 5861 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.145 | 264 | 7814 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.042 | 96 | 4786 | 1.613 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 11.827 | 152 | 14624 | 1.490 | ng/ul | -0.04 |
| 18) Fluoranthene-d10 | 18.877 | 212 | 28233 | 1.581 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.071 | 88 | 5488 | 1.597 | ng/ul# | 75 |
| 5) Naphthalene | 10.277 | 128 | 29166 | 1.593 | ng/ul# | 93 |
| 7) 2-Methylnaphthalene | 11.904 | 142 | 17279 | 1.515 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.119 | 142 | 18368 | 1.476 | ng/ul | 98 |
| 10) Acenaphthylene | 13.817 | 152 | 27318 | 1.632 | ng/ul | 96 |
| 11) Acenaphthene | 14.160 | 153 | 19440 | 1.585 | ng/ul | 98 |
| 12) Fluorene | 15.159 | 166 | 21823 | 1.603 | ng/ul | 98 |
| 14) Pentachlorophenol | 16.538 | 266 | 3112 | 2.000 | ng/ul | 99 |
| 15) Phenanthrene | 16.888 | 178 | 32860 | 1.580 | ng/ul | 96 |
| 16) Anthracene | 16.985 | 178 | 28037 | 1.628 | ng/ul | 95 |
| 19) Fluoranthene | 18.909 | 202 | 40476 | 1.673 | ng/ul | 97 |
| 20) Pyrene | 19.272 | 202 | 42884 | 1.682 | ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.023 | 228 | 36199 | 1.632 | ng/ul | 98 |
| 22) Chrysene | 21.073 | 228 | 41926 | 1.685 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 22.516 | 252 | 44966 | 1.682 | ng/ul | 85 |
| 25) Benzo(k)fluoranthene | 22.557 | 252 | 48109 | 1.613 | ng/ul# | 83 |
| 26) Benzo(a)pyrene | 23.051 | 252 | 39338 | 1.493 | ng/ul# | 78 |
| 27) Indeno(1,2,3-cd)pyrene | 25.199 | 276 | 62141 | 1.746 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 25.209 | 278 | 46421 | 1.658 | ng/ul# | 89 |
| 29) Benzo(g,h,i)perylene | 25.819 | 276 | 52001 | 1.702 | ng/ul | 95 |

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

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