Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048094.D
Acq On : 16 Oct 2024 19:10
Operator : RC/JU
Sample : P4329-21
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
A4FB8

Quant Time: Oct 16 23:19:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.781 | 152 | 279626 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.569 | 136 | 1109445 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.416 | 164 | 673087 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.157 | 188 | 1300439 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.386 | 240 | 1166574 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.380 | 264 | 1296778 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.240 | 96 | 14344 | 1.658 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.663 | 84 | 28432 | 1.122 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.957 | 99 | 252929 | 9.566 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.110 | 67 | 161229 | 8.593 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.316 | 132 | 231842 | 12.051 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.492 | 113 | 125831 | 6.401 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.934 | 128 | 108716 | 12.307 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.657 | 143 | 116630 | 13.778 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.198 | 165 | 194231 | 11.486 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.716 | 131 | 101513 | 3.883 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.822 | 166 | 612641 | 12.554 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.110 | 160 | 708102 | 12.238 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.639 | 143 | 61069 | 6.285 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.410 | 176 | 543753 | 12.864 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.533 | 200 | 23306 | 3.063 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.257 | 188 | 813783 | 12.726 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.545 | 212 | 676985 | 10.225 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.174 | 264 | 410228 | 6.097 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 16) Acetophenone | 8.598 | 105 | 44456 | 1.322 | ng/ul | 93 |
| 72) Phenanthrene | 17.198 | 178 | 280568 | 3.679 | ng/ul | 99 |
| 80) Fluoranthene | 19.215 | 202 | 353720 | 4.536 | ng/ul | 98 |
| 82) Pyrene | 19.574 | 202 | 204243 | 2.353 | ng/ul | 97 |
| 85) Benzo(a)anthracene | 21.368 | 228 | 185133 | 2.267 | ng/ul | 98 |
| 87) Chrysene | 21.427 | 228 | 171273 | 2.151 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 23.439 | 252 | 187125 | 2.314 | ng/ul | 94 |

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

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