Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022223\
Data File : BN024084.D
Acq On : 22 Feb 2023 10:57
Operator : CG/JU
Sample : 01378-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 02:34:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 14:45:13 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-WATER-QT1-2023-02

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 02/24/2023
Supervised By :mohammad ahmed 02/24/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.825 | 152 | 4538 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.634 | 136 | 11806 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.479 | 164 | 6423 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.230 | 188 | 12387 | 0.400 | ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.423 | 240 | 8398 | 0.400 | ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.808 | 264 | 6556 | 0.400 | ng/ul | # 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.227 | 96 | 2444 | 0.502 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.223 | 152 | 5511 | 0.298 | ng/ul | -0.01 |
| 18) Fluoranthene-d10 | 19.262 | 212 | 10161 | 0.450 | ng/ul | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.260 | 88 | 447 | 0.087 | ng/ul | 92 |
| 5) Naphthalene | 10.683 | 128 | 1968 | 0.061 | ng/ul# | 93 |
| 7) 2-Methylnaphthalene | 12.300 | 142 | 1209 | 0.058 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.520 | 142 | 1799 | 0.084 | ng/ul | 99 |
| 10) Acenaphthylene | 14.201 | 152 | 1449 | 0.059 | ng/ul# | 92 |
| 11) Acenaphthene | 14.544 | 153 | 1344 | 0.062 | ng/ul | 96 |
| 12) Fluorene | 15.534 | 166 | 1418 | 0.054 | ng/ul# | 94 |
| 14) Pentachlorophenol | 16.888 | 266 | 374 | 0.092 | ng/ul | 99 |
| 15) Phenanthrene | 17.272 | 178 | 2275 | 0.062 | ng/ul# | 93 |
| 16) Anthracene | 17.369 | 178 | 1819m | 0.059 | ng/ul | |
| 19) Fluoranthene | 19.290 | 202 | 2356 | 0.084 | ng/ul# | 86 |
| 20) Pyrene | 19.657 | 202 | 2303 | 0.080 | ng/ul# | 90 |
| 21) Benzo(a)anthracene | 21.409 | 228 | 1670 | 0.059 | ng/ul | 93 |
| 22) Chrysene | 21.461 | 228 | 1936 | 0.064 | ng/ul | 95 |
| 24) Benzo(b)fluoranthene | 23.086 | 252 | 2068 | 0.071 | ng/ul# | 49 |
| 25) Benzo(k)fluoranthene | 23.133 | 252 | 1761 | 0.062 | ng/ul# | 48 |
| 26) Benzo(a)pyrene | 23.697 | 252 | 1572 | 0.065 | ng/ul# | 15 |
| 27) Indeno(1,2,3-cd)pyrene | 26.272 | 276 | 2061 | 0.061 | ng/ul# | 94 |
| 28) Dibenzo(a,h)anthracene | 26.305 | 278 | 1561 | 0.058 | ng/ul# | 50 |
| 29) Benzo(g,h,i)perylene | 27.030 | 276 | 1828 | 0.066 | ng/ul# | 76 |

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

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