Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021723\
Data File : BN024064.D
Acq On : 17 Feb 2023 13:24
Operator : CG/JU
Sample : PB150872BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SLCS872

Quant Time: Feb 17 21:35:46 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

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.834 | 152 | 4840 | 0.400 ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.634 | 136 | 12665 | 0.400 ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.483 | 164 | 7297 | 0.400 ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.234 | 188 | 15854 | 0.400 ng/ul | # 0.00 |
| 17) Chrysene-d12 | 21.422 | 240 | 13545 | 0.400 ng/ul | # 0.00 |
| 23) Perylene-d12 | 23.804 | 264 | 9836 | 0.400 ng/ul | #-0.01 |
| System Monitoring Compounds | | | | | |
| 3) 1,4-Dioxane-d8 | 3.226 | 96 | 2541 | 0.490 ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.228 | 152 | 4939 | 0.249 ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.262 | 212 | 11808 | 0.325 ng/ul | 0.00 |
| Target Compounds | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.260 | 88 | 7379 | 1.342 ng/ul# | 80 |
| 5) Naphthalene | 10.683 | 128 | 9427 | 0.272 ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.300 | 142 | 5903 | 0.262 ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.525 | 142 | 6198 | 0.269 ng/ul | 100 |
| 10) Acenaphthylene | 14.201 | 152 | 7559 | 0.271 ng/ul | 99 |
| 11) Acenaphthene | 14.543 | 153 | 6778 | 0.276 ng/ul | 98 |
| 12) Fluorene | 15.533 | 166 | 7702 | 0.259 ng/ul | 97 |
| 14) Pentachlorophenol | 16.888 | 266 | 1929 | 0.369 ng/ul | 99 |
| 15) Phenanthrene | 17.276 | 178 | 13109 | 0.277 ng/ul | 100 |
| 16) Anthracene | 17.365 | 178 | 10850 | 0.274 ng/ul | 98 |
| 19) Fluoranthene | 19.295 | 202 | 15675 | 0.348 ng/ul | 96 |
| 20) Pyrene | 19.657 | 202 | 15824 | 0.339 ng/ul# | 94 |
| 21) Benzo(a)anthracene | 21.407 | 228 | 13489 | 0.293 ng/ul | 99 |
| 22) Chrysene | 21.457 | 228 | 15136 | 0.312 ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.079 | 252 | 14254 | 0.328 ng/ul | 96 |
| 25) Benzo(k)fluoranthene | 23.126 | 252 | 13906 | 0.327 ng/ul# | 95 |
| 26) Benzo(a)pyrene | 23.696 | 252 | 10991 | 0.304 ng/ul# | 93 |
| 27) Indeno(1,2,3-cd)pyrene | 26.250 | 276 | 13323 | 0.262 ng/ul# | 94 |
| 28) Dibenzo(a,h)anthracene | 26.270 | 278 | 10906 | 0.269 ng/ul# | 95 |
| 29) Benzo(g,h,i)perylene | 27.011 | 276 | 11874 | 0.284 ng/ul | 97 |

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

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