Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100325\
Data File : BN037993.D
Acq On : 03 Oct 2025 11:03
Operator : RC/JU
Sample : Q2899-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-WATER-QT3-2025-06

Quant Time: Oct 03 11:31:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN100125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 09:41:10 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.813 | 152 | 9016 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.612 | 136 | 25053 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.465 | 164 | 13131 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.213 | 188 | 25004 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.394 | 240 | 16012 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.715 | 264 | 13614 | 0.400 | ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.256 | 96 | 5616 | 0.587 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.207 | 152 | 11016 | 0.311 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.244 | 212 | 18742 | 0.387 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.294 | 88 | 778 | 0.078 | ng/ul# | 76 |
| 5) Naphthalene | 10.661 | 128 | 5126 | 0.075 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.284 | 142 | 3340 | 0.073 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.504 | 142 | 3110 | 0.065 | ng/ul | 100 |
| 10) Acenaphthylene | 14.183 | 152 | 4552 | 0.073 | ng/ul | 98 |
| 11) Acenaphthene | 14.530 | 153 | 3472 | 0.076 | ng/ul | 97 |
| 12) Fluorene | 15.520 | 166 | 3733 | 0.071 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.867 | 266 | 433 | 0.067 | ng/ul | 95 |
| 15) Phenanthrene | 17.256 | 178 | 6062 | 0.075 | ng/ul | 97 |
| 16) Anthracene | 17.348 | 178 | 5033 | 0.071 | ng/ul | 97 |
| 19) Fluoranthene | 19.272 | 202 | 6132 | 0.091 | ng/ul | 98 |
| 20) Pyrene | 19.635 | 202 | 6023 | 0.091 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.380 | 228 | 4486 | 0.077 | ng/ul | 98 |
| 22) Chrysene | 21.429 | 228 | 4896 | 0.080 | ng/ul | 98 |
| 24) Benzo(b)fluoranthene | 23.014 | 252 | 4813 | 0.081 | ng/ul# | 47 |
| 25) Benzo(k)fluoranthene | 23.057 | 252 | 4758 | 0.080 | ng/ul# | 64 |
| 26) Benzo(a)pyrene | 23.613 | 252 | 4161 | 0.085 | ng/ul# | 15 |
| 27) Indeno(1,2,3-cd)pyrene | 26.081 | 276 | 5406 | 0.092 | ng/ul# | 77 |
| 28) Dibenzo(a,h)anthracene | 26.101 | 278 | 4041 | 0.088 | ng/ul# | 77 |
| 29) Benzo(g,h,i)perylene | 26.802 | 276 | 4136 | 0.085 | ng/ul# | 88 |

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

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