Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071425\
Data File : BN037491.D
Acq On : 14 Jul 2025 14:57
Operator : RC/JU
Sample : Q2580-02MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
WC-URBAN-FILL-B2MS

Quant Time: Jul 14 15:24:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.731 | 152 | 2103 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.509 | 136 | 5429 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.355 | 164 | 2752 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 17.099 | 188 | 5044 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.286 | 240 | 5060 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.525 | 264 | 5425 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.312 | 112 | 191 | 0.039 | ng | 0.00 |
| 5) Phenol-d6 | 6.886 | 99 | 248 | 0.040 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.864 | 82 | 138 | 0.035 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.101 | 152 | 232m | 0.031 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.845 | 330 | 42 | 0.045 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.988 | 172 | 397 | 0.025 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.127 | 212 | 437m | 0.034 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.731 | 244 | 412 | 0.039 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.246 | 88 | 98 | 0.050 | ng | # 61 |
| 3) n-Nitrosodimethylamine | 3.550 | 42 | 97 | 0.037 | ng | # 71 |
| 6) bis(2-Chloroethyl)ether | 7.154 | 93 | 237 | 0.046 | ng | 88 |
| 9) Naphthalene | 10.562 | 128 | 36384 | 2.494 | ng | 96 |
| 10) Hexachlorobutadiene | 10.861 | 225 | 139 | 0.040 | ng | # 92 |
| 12) 2-Methylnaphthalene | 12.177 | 142 | 6457 | 0.707 | ng | 99 |
| 16) Acenaphthylene | 14.077 | 152 | 12772 | 1.018 | ng | 100 |
| 17) Acenaphthene | 14.419 | 154 | 18827 | 2.236 | ng | 95 |
| 18) Fluorene | 15.403 | 166 | 21972 | 2.077 | ng | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.478 | 198 | 26 | 0.046 | ng | # 18 |
| 21) 4-Bromophenyl-phenylether | 16.304 | 248 | 140 | 0.044 | ng | # 86 |
| 22) Hexachlorobenzene | 16.416 | 284 | 174 | 0.040 | ng | 92 |
| 23) Atrazine | 16.565 | 200 | 95 | 0.061 | ng | # 73 |
| 24) Pentachlorophenol | 16.751 | 266 | 160 | 0.107 | ng | 93 |
| 25) Phenanthrene | 17.136 | 178 | 237746 | 15.480 | ng | 100 |
| 26) Anthracene | 17.223 | 178 | 67470m | 4.868 | ng | |
| 28) Fluoranthene | 19.159 | 202 | 253333 | 15.031 | ng | 99 |
| 30) Pyrene | 19.522 | 202 | 227684 | 11.192 | ng | # 95 |
| 32) Benzo(a)anthracene | 21.268 | 228 | 116895 | 6.822 | ng | 98 |
| 33) Chrysene | 21.322 | 228 | 91885 | 4.906 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.223 | 149 | 844 | 0.145 | ng | # 90 |
| 36) Indeno(1,2,3-cd)pyrene | 25.794 | 276 | 68574 | 3.257 | ng | 97 |
| 37) Benzo(b)fluoranthene | 22.855 | 252 | 128921m | 6.111 | ng | |
| 38) Benzo(k)fluoranthene | 22.896 | 252 | 48340m | 2.261 | ng | |
| 39) Benzo(a)pyrene | 23.428 | 252 | 102883m | 6.060 | ng | |
| 40) Dibenzo(a,h)anthracene | 25.802 | 278 | 16165 | 0.952 | ng | 93 |
| 41) Benzo(g,h,i)perylene | 26.487 | 276 | 77227 | 4.151 | ng | 94 |

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

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