Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031463.D
Acq On : 10 May 2024 15:01
Operator : MA/JU
Sample : P2315-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 10 15:33:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
TEST-1-T9

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.711 | 152 | 16112 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.496 | 136 | 52925 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.338 | 164 | 31278 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 17.091 | 188 | 71485 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.274 | 240 | 61309 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.516 | 264 | 60177 | 0.400 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.299 | 112 | 5523 | 0.121 | ng | 0.00 |
| 5) Phenol-d6 | 6.873 | 99 | 4803 | 0.078 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.851 | 82 | 10723 | 0.282 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.088 | 152 | 22686 | 0.266 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.837 | 330 | 3698 | 0.312 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.970 | 172 | 34318 | 0.285 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.119 | 212 | 63610 | 0.321 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.727 | 244 | 54681 | 0.365 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.248 | 88 | 13489 | 0.681 | ng | # 91 |
| 28) Fluoranthene | 19.151 | 202 | 7304 | 0.030 | ng | # 72 |
| 30) Pyrene | 19.509 | 202 | 7397 | 0.030 | ng | 98 |
| 32) Benzo(a)anthracene | 21.256 | 228 | 10688m | 0.045 | ng | |
| 33) Chrysene | 21.309 | 228 | 11243 | 0.050 | ng | 96 |
| 34) Bis(2-ethylhexyl)phtha... | 21.220 | 149 | 86181 | 0.622 | ng | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.791 | 276 | 8854 | 0.037 | ng | 96 |
| 37) Benzo(b)fluoranthene | 22.844 | 252 | 12079 | 0.056 | ng | # 9 |
| 38) Benzo(k)fluoranthene | 22.890 | 252 | 11522 | 0.056 | ng | # 1 |
| 39) Benzo(a)pyrene | 23.420 | 252 | 7078 | 0.038 | ng | # 1 |
| 40) Dibenzo(a,h)anthracene | 25.808 | 278 | 6696 | 0.035 | ng | # 59 |
| 41) Benzo(g,h,i)perylene | 26.478 | 276 | 7197 | 0.035 | ng | # 78 |

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

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