Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120924\
Data File : BN035502.D
Acq On : 09 Dec 2024 12:16
Operator : RC/JU
Sample : P5142-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 09 13:27:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
TOWER-1

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel
12/11/2024
Supervised By :mohammad ahmed
12/11/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.300 | 152 | 2170 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.041 | 136 | 5734 | 0.400 | ng | -0.01 |
| 13) Acenaphthene-d10 | 13.956 | 164 | 4922 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 16.723 | 188 | 11976 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 20.964 | 240 | 11160 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.055 | 264 | 10129 | 0.400 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 4.960 | 112 | 704 | 0.130 | ng | 0.00 |
| 5) Phenol-d6 | 6.506 | 99 | 579 | 0.089 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.429 | 82 | 1666m | 0.476 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.641 | 152 | 3824 | 0.426 | ng | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.464 | 330 | 1258 | 0.360 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 12.564 | 172 | 6512 | 0.350 | ng | -0.01 |
| 27) Fluoranthene-d10 | 18.775 | 212 | 15399 | 0.454 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.402 | 244 | 12062 | 0.548 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.996 | 88 | 410 | 0.198 | ng | # 22 |
| 9) Naphthalene | 10.094 | 128 | 520 | 0.034 | ng | # 64 |
| 24) Pentachlorophenol | 16.375 | 266 | 356 | 0.099 | ng | 88 |
| 25) Phenanthrene | 16.760 | 178 | 776 | 0.024 | ng | # 66 |
| 28) Fluoranthene | 18.808 | 202 | 1072 | 0.024 | ng | # 89 |
| 30) Pyrene | 19.175 | 202 | 1041 | 0.025 | ng | # 94 |
| 32) Benzo(a)anthracene | 20.946 | 228 | 1331 | 0.034 | ng | # 59 |
| 33) Chrysene | 21.000 | 228 | 1514 | 0.038 | ng | # 66 |
| 34) Bis(2-ethylhexyl)phtha... | 20.929 | 149 | 6307 | 0.409 | ng | # 68 |
| 36) Indeno(1,2,3-cd)pyrene | 25.090 | 276 | 1211 | 0.031 | ng | 98 |
| 37) Benzo(b)fluoranthene | 22.444 | 252 | 1616 | 0.044 | ng | # 16 |
| 38) Benzo(k)fluoranthene | 22.485 | 252 | 1332 | 0.037 | ng | # 4 |
| 39) Benzo(a)pyrene | 22.965 | 252 | 825 | 0.027 | ng | # 1 |
| 40) Dibenzo(a,h)anthracene | 25.105 | 278 | 825 | 0.026 | ng | # 12 |
| 41) Benzo(g,h,i)perylene | 25.707 | 276 | 968 | 0.030 | ng | # 56 |

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

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