Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028433.D
Acq On : 02 Nov 2023 22:10
Operator : MA/JU
Sample : 05196-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 03 01:50:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
PE-7-SOUTHSIDE-BASE

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.724 | 152 | 12819 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.509 | 136 | 39414 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.364 | 164 | 22372 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.109 | 188 | 46607 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.319 | 240 | 35946 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.631 | 264 | 31841 | 0.400 | ng | #-0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.305 | 112 | 9844 | 0.294 | ng | 0.00 |
| 5) Phenol-d6 | 6.894 | 99 | 12594 | 0.297 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.875 | 82 | 7386 | 0.290 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.110 | 152 | 17267 | 0.306 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.855 | 330 | 2264 | 0.260 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.006 | 172 | 4061 | 0.153 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.152 | 212 | 34651 | 0.301 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.766 | 244 | 22764 | 0.301 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 9) Naphthalene | 10.562 | 128 | 11624 | 0.109 | ng | # 96 |
| 12) 2-Methylnaphthalene | 12.182 | 142 | 6172 | 0.083 | ng | # 93 |
| 16) Acenaphthylene | 14.086 | 152 | 25262 | 0.229 | ng | 98 |
| 17) Acenaphthene | 14.428 | 154 | 21430 | 0.306 | ng | 98 |
| 18) Fluorene | 15.411 | 166 | 18965 | 0.199 | ng | # 97 |
| 25) Phenanthrene | 17.146 | 178 | 404117 | 2.935 | ng | 100 |
| 26) Anthracene | 17.245 | 178 | 84485 | 0.643 | ng | 98 |
| 28) Fluoranthene | 19.185 | 202 | 879391 | 5.472 | ng | 99 |
| 30) Pyrene | 19.547 | 202 | 799558 | 5.333 | ng | # 95 |
| 32) Benzo(a)anthracene | 21.301 | 228 | 447276 | 3.135 | ng | 98 |
| 33) Chrysene | 21.355 | 228 | 414162 | 2.915 | ng | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 21.266 | 149 | 186635 | 2.531 | ng | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.002 | 276 | 217508 | 1.778 | ng | # 94 |
| 37) Benzo(b)fluoranthene | 22.935 | 252 | 540566 | 4.423 | ng | 99 |
| 38) Benzo(k)fluoranthene | 22.979 | 252 | 184433m | 1.479 | ng | |
| 39) Benzo(a)pyrene | 23.529 | 252 | 341523 | 3.150 | ng | 99 |
| 40) Dibenzo(a,h)anthracene | 26.017 | 278 | 54783 | 0.538 | ng | 95 |
| 41) Benzo(g,h,i)perylene | 26.730 | 276 | 217449 | 1.994 | ng | 98 |

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

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