Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018283.D
Acq On : 30 Dec 2021 05:38
Operator : CG/JU
Sample : M5221-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PW-B6-L10-122221-FD

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 12/30/2021
Supervised By :mohammad ahmed 12/30/2021

Quant Time: Dec 30 06:35:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.642 | 152 | 27609 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.419 | 136 | 103510 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.281 | 164 | 76839 | 0.400 | ng | # | 0.01 |
| 19) Phenanthrene-d10 | 17.017 | 188 | 117868 | 0.400 | ng | # | 0.01 |
| 29) Chrysene-d12 | 21.195 | 240 | 113652 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 23.433 | 264 | 106414 | 0.400 | ng | # | 0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.263 | 112 | 10389 | 0.188 | ng | | 0.02 |
| 5) Phenol-d6 | 6.831 | 99 | 6871 | 0.128 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.784 | 82 | 71659 | 1.070 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.016 | 152 | 71593 | 0.411 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.766 | 330 | 9874 | 0.545 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.898 | 172 | 96647 | 0.332 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.048 | 212 | 211341m | 0.563 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.649 | 244 | 124190 | 0.430 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 9) Naphthalene | 10.470 | 128 | 253910 | 0.992 | ng | # | 78 |
| 12) 2-Methylnaphthalene | 12.092 | 142 | 129623 | 0.790 | ng | # | 51 |
| 17) Acenaphthene | 14.332 | 154 | 451200 | 2.274 | ng | # | 74 |
| 18) Fluorene | 15.322 | 166 | 950328 | 4.066 | ng | # | 92 |
| 25) Phenanthrene | 17.054 | 178 | 2992738m | 9.631 | ng | | |
| 26) Anthracene | 17.115 | 178 | 249045 | 0.909 | ng | # | 1 |
| 28) Fluoranthene | 19.078 | 202 | 118302 | 0.325 | ng | # | 79 |
| 30) Pyrene | 19.440 | 202 | 201615 | 0.452 | ng | | 98 |
| 32) Benzo(a)anthracene | 21.185 | 228 | 15757m | 0.099 | ng | | |
| 33) Chrysene | 21.217 | 228 | 76980m | 0.210 | ng | | |
| 34) Bis(2-ethylhexyl)phtha... | 21.132 | 149 | 2029381 | 14.305 | ng | # | 99 |

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

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