Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038190.D
Acq On : 22 Dec 2022 09:59
Operator : CG/JU
Sample : SSTD0.110
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.1022

Quant Time: Dec 22 23:18:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 23:18:00 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.043 | 152 | 4919 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.856 | 136 | 14034 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.666 | 164 | 6851 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.405 | 188 | 12352 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.574 | 240 | 7661 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.021 | 264 | 7940 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 0.000 | 96 | 0d | 0.000 | ng/ul | |
| 6) 2-Methylnaphthalene-d10 | 12.434 | 152 | 2018 | 0.099 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.427 | 212 | 2876 | 0.104 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.906 | 128 | 4087 | 0.096 | ng/ul | 97 |
| 7) 2-Methylnaphthalene | 12.506 | 142 | 2496 | 0.096 | ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.726 | 142 | 2555 | 0.096 | ng/ul | 98 |
| 10) Acenaphthylene | 14.389 | 152 | 3790 | 0.106 | ng/ul | 96 |
| 11) Acenaphthene | 14.726 | 153 | 2678 | 0.098 | ng/ul | 97 |
| 12) Fluorene | 15.712 | 166 | 2924 | 0.097 | ng/ul | 97 |
| 15) Phenanthrene | 17.447 | 178 | 4200 | 0.101 | ng/ul | 95 |
| 16) Anthracene | 17.540 | 178 | 3924 | 0.102 | ng/ul | 96 |
| 19) Fluoranthene | 19.455 | 202 | 4264 | 0.108 | ng/ul# | 94 |
| 20) Pyrene | 19.817 | 202 | 4383 | 0.109 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 21.556 | 228 | 3496 | 0.106 | ng/ul | 96 |
| 22) Chrysene | 21.612 | 228 | 3482 | 0.104 | ng/ul | 96 |
| 24) Benzo(b)fluoranthene | 23.272 | 252 | 3789 | 0.101 | ng/ul# | 65 |
| 25) Benzo(k)fluoranthene | 23.319 | 252 | 3499 | 0.096 | ng/ul# | 64 |
| 26) Benzo(a)pyrene | 23.909 | 252 | 3240 | 0.102 | ng/ul# | 57 |
| 27) Indeno(1,2,3-cd)pyrene | 26.579 | 276 | 4544 | 0.114 | ng/ul# | 100 |
| 28) Dibenzo(a,h)anthracene | 26.592 | 278 | 3494 | 0.113 | ng/ul# | 71 |
| 29) Benzo(g,h,i)perylene | 27.370 | 276 | 3815 | 0.113 | ng/ul# | 85 |

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

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