Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121522\
Data File : BM038023.D
Acq On : 15 Dec 2022 09:41
Operator : CG/JU
Sample : SSTD0.104
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.1015

Quant Time: Dec 15 21:42:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM121522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 15 21:40:10 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.059 | 152 | 4363 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.873 | 136 | 12300 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.685 | 164 | 6495 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.422 | 188 | 13169 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.586 | 240 | 8718 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 24.041 | 264 | 7967 | 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 | 12.456 | 152 | 1765 | 0.101 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.436 | 212 | 3195 | 0.107 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.928 | 128 | 3721 | 0.099 | ng/ul | 96 |
| 7) 2-Methylnaphthalene | 12.528 | 142 | 2220 | 0.100 | ng/ul | 98 |
| 8) 1-Methylnaphthalene | 12.742 | 142 | 2278 | 0.100 | ng/ul | 99 |
| 10) Acenaphthylene | 14.407 | 152 | 3367 | 0.091 | ng/ul | 98 |
| 11) Acenaphthene | 14.745 | 153 | 2565 | 0.097 | ng/ul | 98 |
| 12) Fluorene | 15.725 | 166 | 2803 | 0.093 | ng/ul | 97 |
| 15) Phenanthrene | 17.464 | 178 | 4459 | 0.098 | ng/ul | 96 |
| 16) Anthracene | 17.557 | 178 | 3984 | 0.095 | ng/ul | 94 |
| 19) Fluoranthene | 19.469 | 202 | 4570 | 0.099 | ng/ul | 97 |
| 20) Pyrene | 19.831 | 202 | 4716 | 0.101 | ng/ul | 98 |
| 21) Benzo(a)anthracene | 21.568 | 228 | 3850 | 0.097 | ng/ul | 98 |
| 22) Chrysene | 21.624 | 228 | 3774 | 0.091 | ng/ul | 97 |
| 24) Benzo(b)fluoranthene | 23.284 | 252 | 3885 | 0.088 | ng/ul | 75 |
| 25) Benzo(k)fluoranthene | 23.333 | 252 | 3613 | 0.087 | ng/ul# | 71 |
| 26) Benzo(a)pyrene | 23.927 | 252 | 3237 | 0.090 | ng/ul# | 62 |
| 27) Indeno(1,2,3-cd)pyrene | 26.605 | 276 | 4028 | 0.092 | ng/ul# | 97 |
| 28) Dibenzo(a,h)anthracene | 26.622 | 278 | 3122 | 0.093 | ng/ul# | 83 |
| 29) Benzo(g,h,i)perylene | 27.400 | 276 | 3427 | 0.094 | ng/ul# | 88 |

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

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