Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037680.D
Acq On : 23 Nov 2022 15:20
Operator : CG/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 81 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTD0.4180

Quant Time: Nov 24 01:49:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.125 | 152 | 5276 | 0.400 ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.942 | 136 | 15494 | 0.400 ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.742 | 164 | 9051 | 0.400 ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.475 | 188 | 20442 | 0.400 ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.636 | 240 | 14583 | 0.400 ng/ul | # 0.00 |
| 23) Perylene-d12 | 24.124 | 264 | 13137 | 0.400 ng/ul | # 0.00 |
| System Monitoring Compounds | | | | | |
| 3) 1,4-Dioxane-d8 | 3.450 | 96 | 2897 | 0.472 ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.520 | 152 | 10020 | 0.390 ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.490 | 212 | 21403 | 0.444 ng/ul | 0.00 |
| Target Compounds | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.484 | 88 | 2942 | 0.461 ng/ul# | 58 |
| 5) Naphthalene | 10.991 | 128 | 20003 | 0.425 ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.592 | 142 | 12868 | 0.402 ng/ul | 100 |
| 8) 1-Methylnaphthalene | 12.806 | 142 | 13104 | 0.400 ng/ul | 99 |
| 10) Acenaphthylene | 14.465 | 152 | 19255 | 0.383 ng/ul | 100 |
| 11) Acenaphthene | 14.803 | 153 | 15381 | 0.438 ng/ul | 98 |
| 12) Fluorene | 15.783 | 166 | 18015 | 0.426 ng/ul | 99 |
| 14) Pentachlorophenol | 17.120 | 266 | 2060 | 0.449 ng/ul | 98 |
| 15) Phenanthrene | 17.517 | 178 | 29857 | 0.427 ng/ul | 100 |
| 16) Anthracene | 17.610 | 178 | 26018 | 0.386 ng/ul | 99 |
| 19) Fluoranthene | 19.518 | 202 | 33171 | 0.471 ng/ul# | 93 |
| 20) Pyrene | 19.880 | 202 | 33941 | 0.464 ng/ul | 97 |
| 21) Benzo(a)anthracene | 21.619 | 228 | 27786 | 0.426 ng/ul | 100 |
| 22) Chrysene | 21.674 | 228 | 30151 | 0.466 ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.358 | 252 | 31818 | 0.531 ng/ul | 91 |
| 25) Benzo(k)fluoranthene | 23.408 | 252 | 28620 | 0.473 ng/ul# | 94 |
| 26) Benzo(a)pyrene | 24.010 | 252 | 26574 | 0.510 ng/ul# | 83 |
| 27) Indeno(1,2,3-cd)pyrene | 26.721 | 276 | 33591 | 0.487 ng/ul# | 86 |
| 28) Dibenzo(a,h)anthracene | 26.741 | 278 | 25713 | 0.474 ng/ul# | 95 |
| 29) Benzo(g,h,i)perylene | 27.526 | 276 | 27390 | 0.468 ng/ul | 95 |

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

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