Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081623\
Data File : BN026925.D
Acq On : 16 Aug 2023 10:00
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

Quant Time: Aug 16 15:56:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 15:56:02 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.109 | 152 | 7236 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.938 | 136 | 20403 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.726 | 164 | 13695 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.480 | 188 | 30300 | 0.400 | ng | | 0.00 |
| 29) Chrysene-d12 | 21.659 | 240 | 26753 | 0.400 | ng | | # 0.00 |
| 35) Perylene-d12 | 24.203 | 264 | 30622 | 0.400 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.618 | 112 | 7671 | 0.376 | ng | | 0.00 |
| 5) Phenol-d6 | 7.235 | 99 | 9238 | 0.367 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.294 | 82 | 5677 | 0.329 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.506 | 152 | 12466 | 0.384 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.214 | 330 | 2435 | 0.334 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.358 | 172 | 20171 | 0.397 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.500 | 212 | 30072 | 0.387 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.085 | 244 | 21576 | 0.386 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.480 | 88 | 3034 | 0.390 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.819 | 42 | 3334 | 0.385 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.532 | 93 | 8284 | 0.391 | ng | | 99 |
| 9) Naphthalene | 10.981 | 128 | 20890 | 0.389 | ng | | 99 |
| 10) Hexachlorobutadiene | 11.226 | 225 | 4175 | 0.380 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.581 | 142 | 16206 | 0.386 | ng | | 98 |
| 16) Acenaphthylene | 14.459 | 152 | 24759 | 0.379 | ng | | 100 |
| 17) Acenaphthene | 14.790 | 154 | 15870 | 0.393 | ng | | 99 |
| 18) Fluorene | 15.767 | 166 | 21221 | 0.391 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 16.921 | 198 | 191 | 0.402 | ng | | 83 |
| 21) 4-Bromophenyl-phenylether | 16.661 | 248 | 6878 | 0.397 | ng | # | 81 |
| 22) Hexachlorobenzene | 16.748 | 284 | 7555 | 0.409 | ng | | 99 |
| 23) Atrazine | 16.921 | 200 | 5572 | 0.362 | ng | # | 91 |
| 24) Pentachlorophenol | 17.108 | 266 | 3170 | 0.340 | ng | | 97 |
| 25) Phenanthrene | 17.517 | 178 | 34043 | 0.391 | ng | | 100 |
| 26) Anthracene | 17.604 | 178 | 30499 | 0.375 | ng | | 100 |
| 28) Fluoranthene | 19.528 | 202 | 39747 | 0.385 | ng | | 100 |
| 30) Pyrene | 19.895 | 202 | 41293 | 0.401 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.641 | 228 | 36755 | 0.381 | ng | | 99 |
| 33) Chrysene | 21.694 | 228 | 38073 | 0.391 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 21.524 | 149 | 25766 | 0.371 | ng | | 99 |
| 36) Indeno(1,2,3-cd)pyrene | 26.896 | 276 | 48120 | 0.384 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 23.414 | 252 | 39412 | 0.385 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.466 | 252 | 39454 | 0.374 | ng | | 97 |
| 39) Benzo(a)pyrene | 24.092 | 252 | 39345 | 0.383 | ng | | 97 |
| 40) Dibenzo(a,h)anthracene | 26.934 | 278 | 37719 | 0.378 | ng | | 100 |
| 41) Benzo(g,h,i)perylene | 27.738 | 276 | 41555 | 0.387 | ng | | 99 |

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

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