Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035354.D
Acq On : 27 Nov 2024 17:57
Operator : RC/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDICC1.6

Quant Time: Nov 27 22:53:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 22:48:24 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.308 | 152 | 2053 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.052 | 136 | 5309 | 0.400 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 13.967 | 164 | 3942 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.723 | 188 | 9517 | 0.400 | ng | | #-0.01 |
| 29) Chrysene-d12 | 20.974 | 240 | 9905 | 0.400 | ng | | 0.00 |
| 35) Perylene-d12 | 23.067 | 264 | 10469 | 0.400 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 4.968 | 112 | 8194 | 1.572 | ng | | 0.00 |
| 5) Phenol-d6 | 6.513 | 99 | 10139 | 1.552 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.440 | 82 | 5450 | 1.179 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.656 | 152 | 13988 | 1.478 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.475 | 330 | 4615 | 1.623 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.574 | 172 | 24687 | 1.542 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.785 | 212 | 44338 | 1.521 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.412 | 244 | 32174 | 1.548 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.996 | 88 | 3220 | 1.727 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.292 | 42 | 2729 | 1.570 | ng | # | 97 |
| 6) bis(2-Chloroethyl)ether | 6.759 | 93 | 8629 | 1.759 | ng | | 100 |
| 9) Naphthalene | 10.105 | 128 | 23280 | 1.680 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.404 | 225 | 5409 | 1.331 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.732 | 142 | 16881 | 1.651 | ng | | 98 |
| 16) Acenaphthylene | 13.679 | 152 | 27389 | 1.626 | ng | | 99 |
| 17) Acenaphthene | 14.032 | 154 | 18061 | 1.636 | ng | | 99 |
| 18) Fluorene | 15.026 | 166 | 26044 | 1.604 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.122 | 198 | 1947 | 0.983 | ng | # | 69 |
| 21) 4-Bromophenyl-phenylether | 15.941 | 248 | 9493 | 1.566 | ng | | 96 |
| 22) Hexachlorobenzene | 16.041 | 284 | 10969 | 1.743 | ng | | 100 |
| 23) Atrazine | 16.227 | 200 | 6644 | 1.221 | ng | | 96 |
| 24) Pentachlorophenol | 16.388 | 266 | 4618 | 1.571 | ng | # | 85 |
| 25) Phenanthrene | 16.773 | 178 | 43698 | 1.745 | ng | | 100 |
| 26) Anthracene | 16.860 | 178 | 39964 | 1.737 | ng | | 99 |
| 28) Fluoranthene | 18.813 | 202 | 58605 | 1.702 | ng | | 100 |
| 30) Pyrene | 19.180 | 202 | 60164 | 1.824 | ng | | 100 |
| 32) Benzo(a)anthracene | 20.956 | 228 | 57498 | 1.667 | ng | | 100 |
| 33) Chrysene | 21.010 | 228 | 58919 | 1.725 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 20.929 | 149 | 20598 | 1.138 | ng | | 100 |
| 36) Indeno(1,2,3-cd)pyrene | 25.105 | 276 | 69517 | 1.665 | ng | | 99 |
| 37) Benzo(b)fluoranthene | 22.454 | 252 | 76506 | 2.172 | ng | | 95 |
| 38) Benzo(k)fluoranthene | 22.494 | 252 | 63925 | 1.814 | ng | # | 95 |
| 39) Benzo(a)pyrene | 22.977 | 252 | 52595 | 1.697 | ng | # | 94 |
| 40) Dibenzo(a,h)anthracene | 25.126 | 278 | 55068 | 1.664 | ng | | 96 |
| 41) Benzo(g,h,i)perylene | 25.719 | 276 | 56947 | 1.618 | ng | | 97 |

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

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