Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020124\
Data File : BN029490.D
Acq On : 01 Feb 2024 17:42
Operator : MA/JU
Sample : P1262-06MSD
Misc :
ALS Vial : 40 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-195-GW-520-522MSD

Quant Time: Feb 01 18:24:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| **Internal Standards** | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.898 | 152 | 4355 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.690 | 136 | 12121 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.532 | 164 | 5254 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.280 | 188 | 10147 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.483 | 240 | 5478 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.870 | 264 | 1483 | 0.400 | ng | # 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.471 | 112 | 2010 | 0.192 | ng | 0.00 |
| 5) Phenol-d6 | 7.060 | 99 | 1625 | 0.135 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.057 | 82 | 3178 | 0.315 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.284 | 152 | 5038 | 0.305 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.027 | 330 | 573 | 0.340 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.164 | 172 | 7453 | 0.330 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.322 | 212 | 8594 | 0.350 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.926 | 244 | 6672 | 0.491 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.377 | 88 | 2190 | 0.357 | ng | # 68 |
| 3) n-Nitrosodimethylamine | 3.709 | 42 | 1025 | 0.205 | ng | # 86 |
| 6) bis(2-Chloroethyl)ether | 7.334 | 93 | 3839 | 0.333 | ng | 97 |
| 9) Naphthalene | 10.744 | 128 | 10381 | 0.301 | ng | 100 |
| 10) Hexachlorobutadiene | 11.021 | 225 | 1643 | 0.251 | ng | # 99 |
| 12) 2-Methylnaphthalene | 12.359 | 142 | 6193 | 0.305 | ng | 99 |
| 16) Acenaphthylene | 14.254 | 152 | 6355 | 0.255 | ng | 100 |
| 17) Acenaphthene | 14.596 | 154 | 5079 | 0.303 | ng | 99 |
| 18) Fluorene | 15.580 | 166 | 6739 | 0.321 | ng | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.667 | 198 | 553 | 0.371 | ng | # 63 |
| 21) 4-Bromophenyl-phenylether | 16.486 | 248 | 2004 | 0.332 | ng | # 74 |
| 22) Hexachlorobenzene | 16.585 | 284 | 2293 | 0.310 | ng | 99 |
| 24) Pentachlorophenol | 16.933 | 266 | 1963 | 0.836 | ng | 99 |
| 25) Phenanthrene | 17.330 | 178 | 10533 | 0.351 | ng | 98 |
| 26) Anthracene | 17.417 | 178 | 8211 | 0.321 | ng | 99 |
| 28) Fluoranthene | 19.350 | 202 | 10837 | 0.321 | ng | 100 |
| 30) Pyrene | 19.712 | 202 | 8142 | 0.323 | ng | 100 |
| 32) Benzo(a)anthracene | 21.465 | 228 | 6968 | 0.372 | ng | 99 |
| 33) Chrysene | 21.519 | 228 | 8570 | 0.403 | ng | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.420 | 149 | 5598 | 0.439 | ng | 97 |
| 36) Indeno(1,2,3-cd)pyrene | 26.329 | 276 | 5472 | 0.918 | ng | # 84 |
| 37) Benzo(b)fluoranthene | 23.139 | 252 | 7169 | 1.352 | ng | 96 |
| 38) Benzo(k)fluoranthene | 23.189 | 252 | 6477 | 1.167 | ng | # 90 |
| 39) Benzo(a)pyrene | 23.762 | 252 | 3313 | 0.717 | ng | # 80 |
| 40) Dibenzo(a,h)anthracene | 26.358 | 278 | 5459 | 1.150 | ng | 97 |
| 41) Benzo(g,h,i)perylene | 27.075 | 276 | 4650 | 0.804 | ng | 94 |

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

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