Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082523\
Data File : BN027183.D
Acq On : 27 Aug 2023 10:21
Operator : MA/JU
Sample : 04051-17
Misc :
ALS Vial : 73 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MW181S-20230816

Quant Time: Aug 28 00:43:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 26 02:13:59 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.088 | 152 | 7 | 0.400 | ng | # 0.00 |
| 7) Naphthalene-d8 | 10.906 | 136 | 10 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.694 | 164 | 11 | 0.400 | ng | #-0.01 |
| 19) Phenanthrene-d10 | 17.455 | 188 | 41 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.632 | 240 | 73 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 24.165 | 264 | 7 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.596 | 112 | 1640 | 83.117 | ng | 0.00 |
| 5) Phenol-d6 | 7.214 | 99 | 1116 | 45.806 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.262 | 82 | 3056 | 361.704 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.472 | 152 | 6875 | 432.568 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol | 16.189 | 330 | 824 | 140.753 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.336 | 172 | 10581 | 259.136 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.472 | 212 | 19202 | 182.615 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.057 | 244 | 14654 | 96.062 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.465 | 88 | 1222 | 162.332 | ng | # 76 |
| 3) n-Nitrosodimethylamine | 3.848 | 42 | 19 | 2.266 | ng | # 1 |
| 6) bis(2-Chloroethyl)ether | 7.517 | 93 | 6 | 0.293 | ng | # 1 |
| 9) Naphthalene | 10.959 | 128 | 79 | 3.003 | ng | # 1 |
| 10) Hexachlorobutadiene | 11.226 | 225 | 1 | 0.186 | ng | # 53 |
| 12) 2-Methylnaphthalene | 12.547 | 142 | 51 | 2.480 | ng | # 32 |
| 16) Acenaphthylene | 14.416 | 152 | 20 | 0.381 | ng | # 4 |
| 17) Acenaphthene | 14.769 | 154 | 13 | 0.401 | ng | # 22 |
| 18) Fluorene | 15.742 | 166 | 71 | 1.631 | ng | # 93 |
| 20) 4,6-Dinitro-2-methylph... | 16.884 | 198 | 9 | 13.996 | ng | # 1 |
| 21) 4-Bromophenyl-phenylether | 16.636 | 248 | 1 | 0.043 | ng | # 21 |
| 22) Hexachlorobenzene | 16.723 | 284 | 17 | 0.680 | ng | # 40 |
| 23) Atrazine | 16.897 | 200 | 6 | 0.288 | ng | # 1 |
| 24) Pentachlorophenol | 17.083 | 266 | 18 | 1.426 | ng | # 85 |
| 25) Phenanthrene | 17.492 | 178 | 347 | 2.944 | ng | # 86 |
| 26) Anthracene | 17.592 | 178 | 118 | 1.073 | ng | # 1 |
| 28) Fluoranthene | 19.500 | 202 | 182 | 1.304 | ng | # 75 |
| 30) Pyrene | 19.871 | 202 | 162 | 0.577 | ng | # 89 |
| 32) Benzo(a)anthracene | 21.614 | 228 | 123 | 0.467 | ng | # 9 |
| 33) Chrysene | 21.677 | 228 | 120 | 0.451 | ng | # 21 |
| 34) Bis(2-ethylhexyl)phtha... | 21.488 | 149 | 3132 | 16.509 | ng | # 95 |
| 36) Indeno(1,2,3-cd)pyrene | 26.852 | 276 | 3 | 0.105 | ng | # 1 |
| 37) Benzo(b)fluoranthene | 23.385 | 252 | 104 | 4.440 | ng | # 1 |
| 38) Benzo(k)fluoranthene | 23.431 | 252 | 5 | 0.208 | ng | # 1 |
| 39) Benzo(a)pyrene | 24.045 | 252 | 19 | 0.810 | ng | # 1 |
| 40) Dibenzo(a,h)anthracene | 26.878 | 278 | 4 | 0.175 | ng | # 1 |
| 41) Benzo(g,h,i)perylene | 27.671 | 276 | 10 | 0.407 | ng | # 1 |

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

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