Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062022\
Data File : BM035558.D
Acq On : 21 Jun 2022 05:56
Operator : CG/JU
Sample : PB145542BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SLCS542

Quant Time: Jun 21 06:35:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM061822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 01:56:13 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.837 | 152 | 6328 | 0.400 | ng/ul | -0.02 |
| 4) Naphthalene-d8 | 10.622 | 136 | 22532 | 0.400 | ng/ul | #-0.02 |
| 9) Acenaphthene-d10 | 14.459 | 164 | 12577 | 0.400 | ng/ul | -0.01 |
| 13) Phenanthrene-d10 | 17.212 | 188 | 23860 | 0.400 | ng/ul | -0.02 |
| 17) Chrysene-d12 | 21.398 | 240 | 20519 | 0.400 | ng/ul | -0.01 |
| 23) Perylene-d12 | 23.739 | 264 | 21310 | 0.400 | ng/ul | #-0.03 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.268 | 96 | 6191 | 0.695 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.222 | 152 | 11554 | 0.345 | ng/ul | -0.02 |
| 18) Fluoranthene-d10 | 19.243 | 212 | 22359 | 0.324 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.302 | 88 | 15456 | 1.744 | ng/ul# | 54 |
| 5) Naphthalene | 10.671 | 128 | 22139 | 0.290 | ng/ul | 98 |
| 7) 2-Methylnaphthalene | 12.294 | 142 | 14464 | 0.332 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.503 | 142 | 13543 | 0.338 | ng/ul | 100 |
| 10) Acenaphthylene | 14.186 | 152 | 20424 | 0.288 | ng/ul | 99 |
| 11) Acenaphthene | 14.519 | 153 | 16053 | 0.306 | ng/ul | 99 |
| 12) Fluorene | 15.519 | 166 | 17253 | 0.291 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.908 | 266 | 2644 | 0.578 | ng/ul | 99 |
| 15) Phenanthrene | 17.254 | 178 | 25763 | 0.295 | ng/ul | 99 |
| 16) Anthracene | 17.355 | 178 | 23059 | 0.301 | ng/ul | 98 |
| 19) Fluoranthene | 19.271 | 202 | 29143 | 0.278 | ng/ul | 97 |
| 20) Pyrene | 19.633 | 202 | 30931 | 0.281 | ng/ul | 96 |
| 21) Benzo(a)anthracene | 21.383 | 228 | 25007 | 0.322 | ng/ul | 100 |
| 22) Chrysene | 21.436 | 228 | 28042 | 0.304 | ng/ul | 99 |
| 24) Benzo(b)fluoranthene | 23.028 | 252 | 28322 | 0.304 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 23.075 | 252 | 28988 | 0.299 | ng/ul | 96 |
| 26) Benzo(a)pyrene | 23.642 | 252 | 26771 | 0.277 | ng/ul | 95 |
| 27) Indeno(1,2,3-cd)pyrene | 26.165 | 276 | 36090 | 0.324 | ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 26.175 | 278 | 29023 | 0.319 | ng/ul | 92 |
| 29) Benzo(g,h,i)perylene | 26.910 | 276 | 31292 | 0.314 | ng/ul | 99 |

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

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