Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060121\
Data File : BM030259.D
Acq On : 02 Jun 2021 14:56
Operator : CG/JU
Sample : M2528-03MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** YARK5MSD

Quant Time: Jun 02 15:26:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM060121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 02 02:39:12 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.864 | 152 | 4991 | 0.40 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.653 | 136 | 17541 | 0.40 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.485 | 164 | 9334 | 0.40 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.218 | 188 | 17862 | 0.40 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.377 | 240 | 11332 | 0.40 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.663 | 264 | 9212 | 0.40 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.334 | 96 | 1357 | 0.28 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.236 | 152 | 8697 | 0.35 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.237 | 212 | 16557 | 0.43 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.369 | 88 | 2148 | 0.41 | ng/ul | 96 |
| 5) Naphthalene | 10.703 | 128 | 17731 | 0.34 | ng/ul | 99 |
| 7) 2-Methylnaphthalene | 12.313 | 142 | 11860 | 0.34 | ng/ul | 99 |
| 8) 1-Methylnaphthalene | 12.533 | 142 | 10971 | 0.33 | ng/ul | 99 |
| 10) Acenaphthylene | 14.205 | 152 | 14058 | 0.32 | ng/ul | 100 |
| 11) Acenaphthene | 14.546 | 153 | 12065 | 0.32 | ng/ul | 99 |
| 12) Fluorene | 15.528 | 166 | 13481 | 0.31 | ng/ul | 99 |
| 14) Pentachlorophenol | 16.867 | 266 | 3302 | 0.59 | ng/ul | 98 |
| 15) Phenanthrene | 17.259 | 178 | 22350 | 0.35 | ng/ul | 100 |
| 16) Anthracene | 17.350 | 178 | 18871 | 0.34 | ng/ul | 100 |
| 19) Fluoranthene | 19.264 | 202 | 23923 | 0.41 | ng/ul | 100 |
| 20) Pyrene | 19.626 | 202 | 24077 | 0.41 | ng/ul | 99 |
| 21) Benzo(a)anthracene | 21.360 | 228 | 17696 | 0.39 | ng/ul | 99 |
| 22) Chrysene | 21.410 | 228 | 19176 | 0.39 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 22.970 | 252 | 18534 | 0.40 | ng/ul | 99 |
| 25) Benzo(k)fluoranthene | 23.016 | 252 | 17288 | 0.40 | ng/ul | 100 |
| 26) Benzo(a)pyrene | 23.559 | 252 | 14310 | 0.39 | ng/ul | 98 |
| 27) Indeno(1,2,3-cd)pyrene | 25.982 | 276 | 18589 | 0.38 | ng/ul# | 98 |
| 28) Dibenzo(a,h)anthracene | 25.996 | 278 | 15135 | 0.38 | ng/ul | 99 |
| 29) Benzo(g,h,i)perylene | 26.694 | 276 | 16290 | 0.38 | ng/ul | 99 |

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

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