Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061523\
Data File : BM040254.D
Acq On : 15 Jun 2023 10:47
Operator : MA/JU
Sample : 03088-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCGV5

Quant Time: Jun 15 11:19:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 00:31:16 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.970 | 152 | 8654 | 0.400 | ng/ul | 0.00 |
| 4) Naphthalene-d8 | 10.783 | 136 | 31964 | 0.400 | ng/ul | 0.00 |
| 9) Acenaphthene-d10 | 14.609 | 164 | 17007 | 0.400 | ng/ul | 0.00 |
| 13) Phenanthrene-d10 | 17.353 | 188 | 35310 | 0.400 | ng/ul | 0.00 |
| 17) Chrysene-d12 | 21.529 | 240 | 24851 | 0.400 | ng/ul | 0.00 |
| 23) Perylene-d12 | 23.955 | 264 | 23520 | 0.400 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.350 | 96 | 4578 | 0.428 | ng/ul | 0.00 |
| 6) 2-Methylnaphthalene-d10 | 12.367 | 152 | 12802 | 0.316 | ng/ul | 0.00 |
| 18) Fluoranthene-d10 | 19.375 | 212 | 25263 | 0.408 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 5) Naphthalene | 10.833 | 128 | 41667 | 0.550 | ng/ul | 100 |
| 7) 2-Methylnaphthalene | 12.439 | 142 | 29633 | 0.630 | ng/ul | 99 |
| 10) Acenaphthylene | 14.332 | 152 | 32866 | 0.552 | ng/ul | 99 |
| 11) Acenaphthene | 14.670 | 153 | 36531 | 0.716 | ng/ul | 99 |
| 14) Pentachlorophenol | 17.003 | 266 | 7539 | 1.046 | ng/ul | 100 |
| 16) Anthracene | 17.484 | 178 | 41764 | 0.531 | ng/ul | 99 |
| 20) Pyrene | 19.770 | 202 | 83050 | 0.944 | ng/ul | 99 |
| 22) Chrysene | 21.567 | 228 | 57027 | 0.736 | ng/ul | 100 |
| 24) Benzo(b)fluoranthene | 23.216 | 252 | 69112 | 0.797 | ng/ul | 97 |
| 25) Benzo(k)fluoranthene | 23.262 | 252 | 106851 | 1.309 | ng/ul | 94 |
| 28) Dibenzo(a,h)anthracene | 26.494 | 278 | 55668 | 0.770 | ng/ul | 98 |

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

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