Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043395.D
Acq On : 18 Dec 2023 16:19
Operator : MA/JU
Sample : 05626-16DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCLG2DL

**Manual Integrations APPROVED**
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 19 01:24:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 22:09:25 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.993 | 152 | 517705 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.804 | 136 | 2243306 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.621 | 164 | 1155117 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.368 | 188 | 1938558 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.545 | 240 | 1333664 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.974 | 264 | 1487896 | 20.000 | ng/ul | 0.02 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.387 | 96 | 11073 | 0.695 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.822 | 84 | 50431 | 1.100 | ng/ul | 0.02 |
| 7) Phenol-d5 | 7.151 | 99 | 222667 | 3.781 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.328 | 67 | 146936 | 3.940 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.522 | 132 | 171473 | 3.813 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.704 | 113 | 176896 | 3.871 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.163 | 128 | 83210 | 3.834 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.887 | 143 | 82205 | 3.666 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.422 | 165 | 149171 | 3.768 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.945 | 131 | 187505 | 3.219 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.039 | 166 | 428365 | 4.120 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.316 | 160 | 497229 | 4.031 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.821 | 143 | 48280 | 2.453 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.616 | 176 | 345179 | 4.014 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.733 | 200 | 30820 | 2.404 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.462 | 188 | 449454 | 4.134 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.751 | 212 | 427154 | 4.057 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.809 | 264 | 384457 | 4.187 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 30) Naphthalene | 10.851 | 128 | 3675774 | 25.710 | ng/ul | 100 |
| 36) 2-Methylnaphthalene | 12.457 | 142 | 263431 | 2.707 | ng/ul | 100 |
| 37) 1-Methylnaphthalene | 12.675 | 142 | 183730 | 1.872 | ng/ul | 99 |
| 74) Anthracene | 17.498 | 178 | 144840 | 1.092 | ng/ul | 98 |
| 80) Fluoranthene | 19.421 | 202 | 346909 | 2.661 | ng/ul | 99 |
| 82) Pyrene | 19.780 | 202 | 416891 | 3.110 | ng/ul | 98 |
| 85) Benzo(a)anthracene | 21.527 | 228 | 193978 | 1.739 | ng/ul | 92 |
| 87) Chrysene | 21.556 | 228 | 377487m | 3.763 | ng/ul | |
| 90) Benzo(b)fluoranthene | 23.233 | 252 | 846052 | 7.420 | ng/ul | 97 |
| 91) Benzo(k)fluoranthene | 23.274 | 252 | 252474m | 2.270 | ng/ul | |
| 93) Benzo(a)pyrene | 23.862 | 252 | 320691 | 3.083 | ng/ul | 99 |
| 94) Indeno(1,2,3-cd)pyrene | 26.491 | 276 | 265801 | 2.140 | ng/ul | 98 |

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

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