Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
Data File : BM047106.D
Acq On : 09 Aug 2024 04:51
Operator : RC/JU
Sample : P3434-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
E05X0

Quant Time: Aug 09 05:39:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 01:30:34 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.387 | 152 | 289821 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.139 | 136 | 1115480 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.039 | 164 | 711559 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 16.798 | 188 | 1462181 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.033 | 240 | 1292605 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 23.738 | 264 | 1449417 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.016 | 96 | 22243 | 3.041 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.405 | 84 | 341047 | 17.091 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.593 | 99 | 507690 | 23.060 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.745 | 67 | 306811 | 21.180 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 6.928 | 132 | 398795 | 21.384 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.104 | 113 | 394515 | 22.620 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.528 | 128 | 200894 | 22.444 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.239 | 143 | 226218 | 23.142 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 9.781 | 165 | 429905 | 22.907 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.292 | 131 | 497193 | 20.158 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.469 | 166 | 1226965 | 22.552 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 13.727 | 160 | 1465109 | 24.125 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.286 | 143 | 178719 | 16.989 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.045 | 176 | 1095464 | 23.537 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.186 | 200 | 142309 | 15.405 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 16.898 | 188 | 1648721 | 23.785 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.215 | 212 | 1835721 | 24.809 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.550 | 264 | 1876308 | 24.584 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 72) Phenanthrene | 16.839 | 178 | 105545 | 1.288 | ng/ul | 99 |
| 80) Fluoranthene | 18.874 | 202 | 147789 | 1.671 | ng/ul# | 94 |
| 82) Pyrene | 19.239 | 202 | 153064 | 1.624 | ng/ul | 95 |
| 87) Chrysene | 21.074 | 228 | 121455 | 1.349 | ng/ul | 97 |
| 90) Benzo(b)fluoranthene | 22.891 | 252 | 150037 | 1.673 | ng/ul# | 95 |
| 93) Benzo(a)pyrene | 23.609 | 252 | 92084 | 1.102 | ng/ul# | 95 |
| 96) Benzo(g,h,i)perylene | 27.656 | 276 | 87402 | 1.034 | ng/ul# | 93 |

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

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