Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038879.D
Acq On : 06 Mar 2023 19:49
Operator : CG/JU
Sample : 01746-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
DCAE3

Quant Time: Mar 07 00:00:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 06 23:57:30 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.004 | 152 | 283763 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.822 | 136 | 1273199 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.639 | 164 | 790973 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.386 | 188 | 1696496 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.562 | 240 | 1614599 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.015 | 264 | 1915906 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.381 | 96 | 31224 | 4.109 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.805 | 84 | 219989 | 10.529 | ng/ul | 0.00 |
| 7) Phenol-d5 | 7.151 | 99 | 140248 | 5.272 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.328 | 67 | 498047 | 29.300 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.528 | 132 | 445021 | 22.449 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.704 | 113 | 280713 | 13.394 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 9.169 | 128 | 308787 | 34.547 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.892 | 143 | 287678 | 34.348 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.434 | 165 | 517608 | 26.596 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.951 | 131 | 634124 | 19.548 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 14.051 | 166 | 2039517 | 33.291 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.333 | 160 | 2285761 | 31.922 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.816 | 143 | 55129 | 4.495 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.627 | 176 | 1807576 | 33.455 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.739 | 200 | 271599 | 30.794 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.480 | 188 | 2927574 | 34.996 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.768 | 212 | 3441641 | 38.755 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.856 | 264 | 3596396 | 37.249 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 36) 2-Methylnaphthalene | 12.475 | 142 | 71893 | 1.516 | ng/ul | 97 |
| 37) 1-Methylnaphthalene | 12.692 | 142 | 111509 | 2.334 | ng/ul# | 96 |
| 43) 1,1'-Biphenyl | 13.480 | 154 | 272823 | 4.373 | ng/ul | 99 |
| 52) Acenaphthene | 14.704 | 153 | 702714 | 12.855 | ng/ul | 99 |
| 56) Dibenzofuran | 15.039 | 168 | 1253531 | 16.518 | ng/ul | 98 |
| 61) Fluorene | 15.686 | 166 | 811394 | 12.752 | ng/ul | 99 |
| 71) Pentachlorophenol | 17.027 | 266 | 21362 | 1.661 | ng/ul# | 85 |
| 72) Phenanthrene | 17.427 | 178 | 1293612 | 13.197 | ng/ul | 99 |
| 74) Anthracene | 17.515 | 178 | 130839 | 1.311 | ng/ul | 98 |
| 77) Carbazole | 17.786 | 167 | 3970070 | 42.837 | ng/ul | 100 |

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

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