Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100224\
Data File : BM047800.D
Acq On : 03 Oct 2024 07:04
Operator : RC/JU
Sample : P4020-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 03 08:00:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 02:30:36 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
DDCK2

**Manual Integrations APPROVED**

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 290643 | 20.000 | ng/ul | -0.01 |
| 20) Naphthalene-d8 | 10.598 | 136 | 1224052 | 20.000 | ng/ul | -0.01 |
| 38) Acenaphthene-d10 | 14.439 | 164 | 812218 | 20.000 | ng/ul | -0.01 |
| 64) Phenanthrene-d10 | 17.180 | 188 | 1671164 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.398 | 240 | 1589259 | 20.000 | ng/ul | -0.01 |
| 88) Perylene-d12 | 24.403 | 264 | 1795589 | 20.000 | ng/ul | -0.01 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.252 | 96 | 20220 | 2.248 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.681 | 84 | 17289 | 0.657 | ng/ul | 0.00 |
| 7) Phenol-d5 | 6.969 | 99 | 446130 | 16.233 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 7.134 | 67 | 270905 | 13.891 | ng/ul | -0.01 |
| 11) 2-Chlorophenol-d4 | 7.340 | 132 | 362714 | 18.140 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.510 | 113 | 370059 | 18.110 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.957 | 128 | 185573m | 19.041 | ng/ul | -0.01 |
| 24) 2-Nitrophenol-d4 | 9.681 | 143 | 199332 | 21.343 | ng/ul | -0.01 |
| 28) 2,4-Dichlorophenol-d3 | 10.216 | 165 | 373701 | 20.030 | ng/ul | -0.01 |
| 31) 4-Chloroaniline-d4 | 10.728 | 131 | 342369 | 11.870 | ng/ul | -0.01 |
| 46) Dimethylphthalate-d6 | 13.845 | 166 | 1223479 | 20.777 | ng/ul | -0.01 |
| 49) Acenaphthylene-d8 | 14.133 | 160 | 1440571 | 20.633 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.627 | 143 | 194811 | 16.616 | ng/ul | 0.00 |
| 60) Fluorene-d10 | 15.427 | 176 | 1119264 | 21.944 | ng/ul | -0.01 |
| 65) 4,6-Dinitro-2-methylph... | 15.539 | 200 | 145998 | 14.929 | ng/ul | -0.01 |
| 73) Anthracene-d10 | 17.274 | 188 | 1752556 | 21.328 | ng/ul | -0.01 |
| 81) Pyrene-d10 | 19.562 | 212 | 2091798 | 23.191 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 24.197 | 264 | 2078257 | 22.308 | ng/ul | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 58) 2,3,4,6-Tetrachlorophenol | 15.063 | 232 | 221844 | 16.824 | ng/ul# | 94 |
| 71) Pentachlorophenol | 16.845 | 266 | 5802844 | 455.228 | ng/ul | 98 |

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

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