Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110824\
Data File : BM048553.D
Acq On : 09 Nov 2024 06:45
Operator : RC/JU
Sample : P4636-09
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Nov 09 22:01:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:50:20 2024
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
CC0Q0

**Manual Integrations APPROVED**

Reviewed By :Yogesh Patel 11/10/2024
Supervised By :mohammad ahmed 11/11/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.663 | 152 | 187615 | 20.000 | ng/ul | 0.00 |
| 20) Naphthalene-d8 | 10.445 | 136 | 763839 | 20.000 | ng/ul | 0.00 |
| 38) Acenaphthene-d10 | 14.310 | 164 | 453651 | 20.000 | ng/ul | 0.00 |
| 64) Phenanthrene-d10 | 17.057 | 188 | 922542 | 20.000 | ng/ul | 0.00 |
| 79) Chrysene-d12 | 21.280 | 240 | 897208 | 20.000 | ng/ul | 0.00 |
| 88) Perylene-d12 | 24.191 | 264 | 1032787 | 20.000 | ng/ul | 0.00 |
| System Monitoring Compounds | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.134 | 96 | 7755 | 1.648 | ng/uL | 0.00 |
| 4) Pyridine-d5 | 3.563 | 84 | 22678m | 1.749 | ng/ul | 0.02 |
| 7) Phenol-d5 | 6.846 | 99 | 125175 | 8.764 | ng/ul | 0.00 |
| 9) Bis-(2-Chloroethyl)eth... | 6.998 | 67 | 77326 | 9.014 | ng/ul | 0.00 |
| 11) 2-Chlorophenol-d4 | 7.198 | 132 | 110863 | 9.371 | ng/ul | 0.00 |
| 15) 4-Methylphenol-d8 | 8.381 | 113 | 76136 | 6.780 | ng/ul | 0.00 |
| 21) Nitrobenzene-d5 | 8.822 | 128 | 49651 | 8.968 | ng/ul | 0.00 |
| 24) 2-Nitrophenol-d4 | 9.540 | 143 | 55070 | 9.352 | ng/ul | 0.00 |
| 28) 2,4-Dichlorophenol-d3 | 10.087 | 165 | 99632 | 9.108 | ng/ul | 0.00 |
| 31) 4-Chloroaniline-d4 | 10.604 | 131 | 53721m | 3.457 | ng/ul | 0.00 |
| 46) Dimethylphthalate-d6 | 13.727 | 166 | 312093 | 10.777 | ng/ul | 0.00 |
| 49) Acenaphthylene-d8 | 14.004 | 160 | 353050 | 10.340 | ng/ul | 0.00 |
| 54) 4-Nitrophenol-d4 | 14.557 | 143 | 25478m | 4.737 | ng/ul | 0.02 |
| 60) Fluorene-d10 | 15.304 | 176 | 276960 | 10.956 | ng/ul | 0.00 |
| 65) 4,6-Dinitro-2-methylph... | 15.439 | 200 | 23027 | 4.962 | ng/ul | 0.00 |
| 73) Anthracene-d10 | 17.157 | 188 | 406035 | 10.401 | ng/ul | 0.00 |
| 81) Pyrene-d10 | 19.451 | 212 | 409539 | 9.095 | ng/ul | 0.00 |
| 92) Benzo(a)pyrene-d12 | 23.991 | 264 | 287320 | 5.954 | ng/ul | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 8) Phenol | 6.875 | 94 | 17002m | 1.135 | ng/ul | |
| 16) Acetophenone | 8.487 | 105 | 81349 | 4.647 | ng/ul | 98 |
| 72) Phenanthrene | 17.098 | 178 | 50176 | 1.097 | ng/ul | 99 |
| 86) Bis(2-ethylhexyl)phtha... | 21.192 | 149 | 85004 | 2.678 | ng/ul | 99 |

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

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