Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
Data File : VY016043.D
Acq On : 19 Oct 2023 17:33
Operator : SY/MD
Sample : 04938-14
Misc : 4.38g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
A-7(2-6)

Quant Time: Oct 20 05:39:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.789 | 168 | 138835 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.691 | 114 | 234294 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.496 | 117 | 213378 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152 | 103069 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.143 | 65 | 86465 | 54.796 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 109.600% | | | |
| 35) Dibromofluoromethane | 7.722 | 113 | 76386 | 49.532 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 99.060% | | | |
| 50) Toluene-d8 | 10.185 | 98 | 273777 | 48.881 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 97.760% | | | |
| 62) 4-Bromofluorobenzene | 12.483 | 95 | 96477 | 48.276 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 96.560% | | | |
| Target Compounds | | | | | | Qvalue |
| 7) Trichlorofluoromethane | 3.125 | 101 | 4064 | 1.642 | ug/l | 97 |
| 20) Methylene Chloride | 4.716 | 84 | 12043 | 6.931 | ug/l | 90 |
| 95) Naphthalene | 15.239 | 128 | 150410 | 28.775 | ug/l | 99 |

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

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