Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060625\
Data File : VY022602.D
Acq On : 06 Jun 2025 16:00
Operator : SY/MD
Sample : Q2207-38
Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 17 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
BU-703-VOC-05

Quant Time: Jun 06 23:44:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.701 | 168 | 298611 | 50.000 | ug/l | -0.01 |
| 34) 1,4-Difluorobenzene | 8.609 | 114 | 507997 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 373349 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.340 | 152 | 123690 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.055 | 65 | 117626 | 35.219 | ug/l | -0.01 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 70.440% | | | |
| 35) Dibromofluoromethane | 7.628 | 113 | 136994 | 45.181 | ug/l | -0.01 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 90.360% | | | |
| 50) Toluene-d8 | 10.103 | 98 | 605050 | 49.385 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 98.760% | | | |
| 62) 4-Bromofluorobenzene | 12.401 | 95 | 129224 | 35.400 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 70.800% | | | |
| Target Compounds | | | | | | Qvalue |

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

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