Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
Data File : VD076359.D
Acq On : 07 Jun 2023 17:49
Operator : KP/SY
Sample : 03051-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
RBR-251580

Quant Time: Jun 08 01:19:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.869 | 168 | 6803 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.775 | 114 | 10205 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.581 | 117 | 12391 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.522 | 152 | 6173 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.228 | 65 | 7610 | 124.847 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 249.700%# | | | |
| 35) Dibromofluoromethane | 7.799 | 113 | 7815 | 120.611 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 241.220%# | | | |
| 50) Toluene-d8 | 10.269 | 98 | 11546 | 44.755 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 89.520% | | | |
| 62) 4-Bromofluorobenzene | 12.569 | 95 | 4618 | 67.641 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 135.280% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 2.140 | 50 | 627 | 4.953 | ug/l # | 61 |
| 5) Bromomethane | 2.687 | 94 | 876 | 8.126 | ug/l | 94 |

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

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