Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
Data File : VY013582.D
Acq On : 03 May 2023 15:23
Operator : KP/MD
Sample : 02567-02RE
Misc : 7.59g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
B-21-SB02RE

Quant Time: May 04 01:20:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.789 | 168 | 189702 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.691 | 114 | 260916 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.490 | 117 | 182073 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152 | 54610 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.137 | 65 | 82907 | 39.868 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = | 79.740% | | |
| 35) Dibromofluoromethane | 7.716 | 113 | 80667 | 49.156 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = | 98.320% | | |
| 50) Toluene-d8 | 10.179 | 98 | 285583 | 48.919 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = | 97.840% | | |
| 62) 4-Bromofluorobenzene | 12.483 | 95 | 60669 | 30.826 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = | 61.660% | | |
| Target Compounds | | | | | | Qvalue |
| 16) Acetone | 3.954 | 43 | 113793 | 138.950 | ug/l | 96 |
| 18) Methyl Acetate | 4.473 | 43 | 11100 | 4.104 | ug/l | 96 |
| 25) 2-Butanone | 6.990 | 43 | 15163 | 14.599 | ug/l | 90 |
| 31) Cyclohexane | 7.783 | 56 | 37606 | 10.100 | ug/l | 95 |
| 37) Ethyl Acetate | 7.076 | 43 | 8058 | 3.932 | ug/l # | 98 |

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

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