Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020823\
Data File : VD075278.D
Acq On : 08 Feb 2023 18:13
Operator : KP/SY
Sample : 01428-01
Misc : 5.01G/5.00ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
MSVOA_D
**ClientSampleId :**
1574

Quant Time: Feb 09 05:42:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.875 | 168 | 60708 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.781 | 114 | 116362 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.587 | 117 | 115942 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.522 | 152 | 54395 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.234 | 65 | 32196 | 45.229 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 90.460% | | | |
| 35) Dibromofluoromethane | 7.810 | 113 | 36264 | 44.445 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 88.900% | | | |
| 50) Toluene-d8 | 10.269 | 98 | 147955 | 47.815 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 49 - 140 | | Recovery = 95.640% | | | |
| 62) 4-Bromofluorobenzene | 12.575 | 95 | 49780 | 48.790 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 25 - 144 | | Recovery = 97.580% | | | |
| Target Compounds | | | | | | Qvalue |
| 52) Toluene | 10.334 | 92 | 3043 | 1.352 | ug/l | 97 |
| 69) o-Xylene | 12.122 | 106 | 1833 | 1.069 | ug/l | 100 |
| 80) 1,3,5-Trimethylbenzene | 12.910 | 105 | 6701 | 1.826 | ug/l | 96 |

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

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