Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
Data File : VY022347.D
Acq On : 20 May 2025 16:56
Operator : SY/MD
Sample : Q2032-01
Misc : 6.14g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
MSVOA_Y
**ClientSampleId :**
TP-11

Quant Time: May 21 01:52:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
Quant Title : SW846 8260
QLast Update : Fri May 16 01:42:09 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 7.707 | 168 | 244067 | 50.000 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 8.616 | 114 | 428249 | 50.000 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 11.414 | 117 | 381188 | 50.000 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152 | 160799 | 50.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 8.061 | 65 | 131143 | 49.165 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 50 - 163 | | Recovery = 98.320% | | | |
| 35) Dibromofluoromethane | 7.634 | 113 | 131050 | 51.271 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 54 - 147 | | Recovery = 102.540% | | | |
| 50) Toluene-d8 | 10.103 | 98 | 653457 | 62.422 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 58 - 134 | | Recovery = 124.840% | | | |
| 62) 4-Bromofluorobenzene | 12.402 | 95 | 185871 | 56.017 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 30 - 143 | | Recovery = 112.040% | | | |
| Target Compounds | | | | | | Qvalue |
| 31) Cyclohexane | 7.701 | 56 | 212648 | 39.408 | ug/l | 94 |
| 39) Methylcyclohexane | 9.109 | 83 | 1115808 | 197.270 | ug/l | 97 |
| 89) n-Butylbenzene | 13.615 | 91 | 69404 | 6.148 | ug/l # | 65 |

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

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