

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011322\  
 Data File : VY007151.D  
 Acq On : 13 Jan 2022 19:47  
 Operator : SY/MD  
 Sample : N1119-06  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 EAST-AREA-EAST-SIDEWALL

Quant Time: Jan 14 05:55:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y011322S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 14 05:48:29 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.789  | 168   | 7139     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 12288    | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 9870     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 3816     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 4028     | 45.984   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 91.960%  |
| 35) Dibromofluoromethane    | 7.722  | 113   | 3881     | 46.709   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 93.420%  |
| 50) Toluene-d8              | 10.185 | 98    | 14877    | 49.001   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 98.000%  |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 4786     | 44.316   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 88.640%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 39) Methylcyclohexane       | 9.185  | 83    | 4575     | 28.236   | ug/l   | 92       |
| 64) Tetrachloroethene       | 10.721 | 164   | 639      | 8.982    | ug/l # | 81       |
| 73) Isopropylbenzene        | 12.331 | 105   | 2010     | 6.098    | ug/l   | 96       |
| 78) n-propylbenzene         | 12.672 | 91    | 4262     | 10.431   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene  | 12.812 | 105   | 1805     | 6.670    | ug/l   | 97       |
| 83) tert-Butylbenzene       | 13.075 | 119   | 695      | 2.972    | ug/l   | 90       |
| 84) 1,2,4-Trimethylbenzene  | 13.117 | 105   | 5566     | 20.750   | ug/l   | 99       |
| 85) sec-Butylbenzene        | 13.251 | 105   | 4972     | 14.213   | ug/l   | 82       |
| 89) n-Butylbenzene          | 13.696 | 91    | 4611     | 16.290   | ug/l # | 80       |
| -----                       |        |       |          |          |        |          |

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

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