

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051721\  
 Data File : VY004806.D  
 Acq On : 17 May 2021 16:05  
 Operator : SY/MD  
 Sample : M2413-05  
 Misc : 7.52G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 124055

Quant Time: May 18 01:05:43 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051021S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 11 04:13:44 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 23652    | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 39031    | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 33807    | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 13905    | 50.00    | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 14073    | 49.99    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 99.98%   |
| 35) Dibromofluoromethane    | 7.722  | 113   | 12226    | 57.22    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 114.44%  |
| 50) Toluene-d8              | 10.185 | 98    | 46282    | 47.95    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 95.90%   |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 14119    | 43.34    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 86.68%   |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 3.948  | 43    | 1486     | 23.50    | ug/l # | 71       |
| 18) Methyl Acetate          | 4.485  | 43    | 3854     | 19.11    | ug/l   | 96       |
| 40) Benzene                 | 8.167  | 78    | 1209     | 1.07     | ug/l # | 80       |
| 65) Chlorobenzene           | 11.514 | 112   | 10523    | 15.13    | ug/l   | 94       |
| 78) n-propylbenzene         | 12.672 | 91    | 1301     | 1.02     | ug/l   | 98       |
| 82) 4-Chlorotoluene         | 12.855 | 91    | 914      | 1.25     | ug/l   | 98       |
| 83) tert-Butylbenzene       | 13.075 | 119   | 771      | 1.04     | ug/l   | 88       |
| 87) 1,3-Dichlorobenzene     | 13.367 | 146   | 835      | 1.80     | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene     | 13.440 | 146   | 1112     | 2.43     | ug/l   | 77       |
| 89) n-Butylbenzene          | 13.697 | 91    | 1211     | 1.32     | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene     | 13.739 | 146   | 763      | 1.86     | ug/l   | 98       |
| 95) Naphthalene             | 15.239 | 128   | 2531     | 4.43     | ug/l   | 96       |
| -----                       |        |       |          |          |        |          |

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

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