

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY052721\  
 Data File : VY004905.D  
 Acq On : 27 May 2021 17:10  
 Operator : SY/MD  
 Sample : VIBLK  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK

Quant Time: May 27 17:46:34 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   | 302715   | 50.00    | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 504072   | 50.00    | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 450590   | 50.00    | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 207421   | 50.00    | ug/l   | 0.00     |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 177376   | 49.23    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =      | 98.46%   |
| 35) Dibromofluoromethane    | 7.728  | 113   | 158268   | 57.35    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =      | 114.70%  |
| 50) Toluene-d8              | 10.185 | 98    | 635414   | 50.97    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =      | 101.94%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 221276   | 52.59    | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =      | 105.18%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        | Qvalue   |
| 67) Ethyl Benzene           | 11.593 | 91    | 48226    | 2.80     | ug/l   | 95       |
| 68) m/p-Xylenes             | 11.703 | 106   | 77632    | 11.99    | ug/l   | 97       |
| 73) Isopropylbenzene        | 12.331 | 105   | 17212    | 1.10     | ug/l   | 95       |
| 78) n-propylbenzene         | 12.672 | 91    | 99300    | 5.20     | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene  | 12.812 | 105   | 110247   | 8.48     | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene  | 13.123 | 105   | 530409   | 40.78    | ug/l   | 99       |
| 89) n-Butylbenzene          | 13.696 | 91    | 36410    | 2.66     | ug/l # | 79       |
| 95) Naphthalene             | 15.239 | 128   | 224046   | 26.29    | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

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

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