

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY112224\  
 Data File : VY020411.D  
 Acq On : 22 Nov 2024 14:26  
 Operator : SY/MD  
 Sample : P4954-01  
 Misc : 5.09/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TR-05-112124

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 11/25/2024  
 Supervised By :Semsettin Yesilyurt 11/25/2024

Quant Time: Nov 23 00:00:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y111924S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 20 04:38:24 2024  
 Response via : Initial Calibration

| Compound                    | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|-------|----------|
| -----                       |                |      |            |         |       |          |
| Internal Standards          |                |      |            |         |       |          |
| 1) Pentafluorobenzene       | 7.720          | 168  | 33747      | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.622          | 114  | 52750      | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.420         | 117  | 39643      | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.353         | 152  | 13061      | 50.000  | ug/l  | 0.00     |
|                             |                |      |            |         |       |          |
| System Monitoring Compounds |                |      |            |         |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.067          | 65   | 13819      | 35.642  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 50 - 163 |      | Recovery = | 71.280% |       |          |
| 35) Dibromofluoromethane    | 7.640          | 113  | 15382      | 45.475  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 54 - 147 |      | Recovery = | 90.960% |       |          |
| 50) Toluene-d8              | 10.109         | 98   | 60301      | 45.256  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 58 - 134 |      | Recovery = | 90.520% |       |          |
| 62) 4-Bromofluorobenzene    | 12.408         | 95   | 16497      | 38.514  | ug/l  | 0.00     |
| Spiked Amount 50.000        | Range 29 - 146 |      | Recovery = | 77.020% |       |          |
|                             |                |      |            |         |       |          |
| Target Compounds            |                |      |            |         |       |          |
| 52) Toluene                 | 10.170         | 92   | 1308       | 1.413   | ug/l  | 93       |
| 67) Ethyl Benzene           | 11.524         | 91   | 11253      | 6.901   | ug/l  | 98       |
| 68) m/p-Xylenes             | 11.627         | 106  | 18095      | 30.807  | ug/l  | 94       |
| 69) o-Xylene                | 11.957         | 106  | 13437      | 24.119  | ug/l  | 89       |
| 73) Isopropylbenzene        | 12.255         | 105  | 9173       | 8.291   | ug/l  | 99       |
| 78) n-propylbenzene         | 12.597         | 91   | 26074      | 19.636  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene  | 12.737         | 105  | 29445      | 32.929  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene  | 13.048         | 105  | 99660      | 112.418 | ug/l  | 99       |
| 85) sec-Butylbenzene        | 13.176         | 105  | 15892      | 12.775  | ug/l  | 91       |
| 86) p-Isopropyltoluene      | 13.292         | 119  | 7711       | 8.017   | ug/l  | 98       |
| 89) n-Butylbenzene          | 13.621         | 91   | 13254m     | 14.389  | ug/l  |          |
| -----                       |                |      |            |         |       |          |

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

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