

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\  
 Data File : VX012499.D  
 Acq On : 19 Sep 2019 01:54  
 Operator : JC/SP  
 Sample : K4858-25  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE132D5-20190911

Manual Integrations  
 APPROVED

MMDadoda  
 9/19/2019 1:06:38 PM

Quant Time: Sep 19 08:48:33 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X091719W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 17 15:27:10 2019  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 5.65  | 168  | 195799   | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.85  | 114  | 302391   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 10.11 | 117  | 246766   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.07 | 152  | 92211    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 6.05  | 65   | 127761   | 45.53   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 91.06%  |          |
| 35) Dibromofluoromethane      | 5.49  | 113  | 92014    | 50.27   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 100.54% |          |
| 50) Toluene-d8                | 8.71  | 98   | 340354   | 50.24   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 100.48% |          |
| 62) 4-Bromofluorobenzene      | 11.14 | 95   | 117627   | 41.82   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =       | 83.64%  |          |
| Target Compounds              |       |      |          |         |         |          |
|                               |       |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 1.19  | 85   | 3047     | 2.705   | ug/l    | 96       |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37  | 101  | 21373    | 13.851  | ug/l    | 99       |
| 12) 1,1-Dichloroethene        | 2.36  | 96   | 4346     | 3.530   | ug/l    | 88       |
| 27) cis-1,2-Dichloroethene    | 4.58  | 96   | 3836     | 2.009   | ug/l    | 85       |
| 30) Chloroform                | 5.20  | 83   | 3758     | 1.019   | ug/l    | 91       |
| 32) 1,1,1-Trichloroethane     | 5.48  | 97   | 1506     | 0.489   | ug/l #  | 47       |
| 38) Carbon Tetrachloride      | 5.78  | 117  | 2368     | 1.036   | ug/l #  | 80       |
| 44) Trichloroethene           | 7.21  | 130  | 231039   | 150.288 | ug/l    | 97       |
| 49) 1,4-Dioxane               | 7.74  | 88   | 1251m    | 21.536  | ug/l    |          |
| 55) 1,1,2-Trichloroethane     | 9.21  | 97   | 1099     | 0.566   | ug/l #  | 85       |

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

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