

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111324\  
 Data File : VV038036.D  
 Acq On : 13 Nov 2024 10:59  
 Operator : SY/MD  
 Sample : P4749-22DL 2X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GCP95DL

Quant Time: Nov 13 23:11:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 13 00:39:48 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene     | 5.526  | 114  | 273255   | 5.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.776  | 117  | 274989   | 5.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.175 | 152  | 135075   | 5.000 | ug/L  | 0.00     |

|                               |        |       |          |          |      |         |
|-------------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds   |        |       |          |          |      |         |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 108510   | 4.562    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =    | 91.200% |
| 7) Chloroethane-d5            | 1.529  | 69    | 90713    | 4.679    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =    | 93.600% |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 45793    | 4.394    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =    | 87.800% |
| 20) 2-Butanone-d5             | 3.825  | 46    | 211468   | 38.690   | ug/L | 0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =    | 77.380% |
| 24) Chloroform-d              | 4.236  | 84    | 205609   | 4.586    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 91.800% |
| 26) 1,2-Dichloroethane-d4     | 4.934  | 65    | 98331    | 4.618    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 92.400% |
| 32) Benzene-d6                | 4.947  | 84    | 388388   | 4.571    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 91.400% |
| 36) 1,2-Dichloropropane-d6    | 5.979  | 67    | 122843   | 4.615    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =    | 92.400% |
| 41) Toluene-d8                | 7.233  | 98    | 326657   | 4.204    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 84.000% |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 45977    | 4.261    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =    | 85.200% |
| 46) 2-Hexanone-d5             | 8.021  | 63    | 196534   | 40.746   | ug/L | 0.00    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =    | 81.500% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 94725    | 4.302    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =    | 86.000% |
| 66) 1,2-Dichlorobenzene-d4    | 11.551 | 152   | 137166   | 4.884    | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =    | 97.600% |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 5) Vinyl chloride            | 1.278 | 62  | 497566 | 17.934 | ug/L   | 98  |
| 12) 1,1-Dichloroethene       | 2.063 | 96  | 161679 | 7.783  | ug/L   | 84  |
| 16) Methylene chloride       | 2.439 | 84  | 121523 | 4.940  | ug/L   | 98  |
| 18) trans-1,2-Dichloroethene | 2.687 | 96  | 73919  | 3.288  | ug/L   | 96  |
| 22) cis-1,2-Dichloroethene   | 3.809 | 96  | 24100  | 1.020  | ug/L   | 95  |
| 27) 1,2-Dichloroethane       | 5.040 | 62  | 48101  | 2.006  | ug/L   | 99  |
| 29) 1,1,1-Trichloroethane    | 4.497 | 97  | 304789 | 8.210  | ug/L   | 98  |
| 31) Carbon tetrachloride     | 4.722 | 117 | 53674  | 1.660  | ug/L   | 97  |
| 33) Benzene                  | 5.002 | 78  | 106272 | 1.215  | ug/L   | 100 |
| 34) Trichloroethene          | 5.825 | 95  | 72494  | 3.032  | ug/L   | 99  |
| 37) 1,2-Dichloropropane      | 6.082 | 63  | 82548  | 3.816  | ug/L   | 99  |
| 42) Toluene                  | 7.307 | 91  | 371594 | 4.067  | ug/L   | 99  |
| 45) 1,1,2-Trichloroethane    | 7.760 | 97  | 90561  | 5.218  | ug/L   | 99  |
| 47) Tetrachloroethene        | 7.895 | 164 | 138490 | 7.382  | ug/L   | 96  |
| 51) Chlorobenzene            | 8.805 | 112 | 455718 | 7.320  | ug/L   | 99  |
| 52) Ethylbenzene             | 8.940 | 91  | 101796 | 1.026  | ug/L   | 98  |
| 53) m,p-Xylene               | 9.063 | 106 | 270296 | 7.224  | ug/L   | 97  |
| 54) o-Xylene                 | 9.471 | 106 | 63463  | 1.753  | ug/L   | 100 |
| 55) Styrene                  | 9.493 | 104 | 75769  | 1.201  | ug/L   | 99  |

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MSVOA\_V  
ClientSampleId :  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Nov 13 00:39:48 2024  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 65) 1,4-Dichlorobenzene    | 11.201 | 146  | 452921   | 9.472 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene    | 11.570 | 146  | 208196   | 4.790 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene | 13.191 | 180  | 114696   | 3.779 | ug/L  | 97       |

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

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