

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122024\  
 Data File : VX044461.D  
 Acq On : 20 Dec 2024 18:39  
 Operator : JC/MD  
 Sample : P5261-13MS  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D1-20241210MS

Quant Time: Dec 20 22:33:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024  
 Supervised By :Mahesh Dadoda 12/24/2024

| Compound                     | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|---------|--------|----------|
| -----                        |                |      |            |         |        |          |
| Internal Standards           |                |      |            |         |        |          |
| 1) Pentafluorobenzene        | 5.543          | 168  | 130981     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757          | 114  | 241345     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055         | 117  | 212102     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024         | 152  | 97062      | 50.000  | ug/l   | 0.00     |
|                              |                |      |            |         |        |          |
| System Monitoring Compounds  |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.952          | 65   | 98243      | 42.779  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 85.560% |        |          |
| 35) Dibromofluoromethane     | 5.379          | 113  | 78871      | 47.185  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 94.360% |        |          |
| 50) Toluene-d8               | 8.646          | 98   | 264531     | 46.909  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 93.820% |        |          |
| 62) 4-Bromofluorobenzene     | 11.079         | 95   | 89392      | 45.365  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 90.740% |        |          |
|                              |                |      |            |         |        |          |
| Target Compounds             |                |      |            |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 92485      | 45.665  | ug/l   | 97       |
| 3) Chloromethane             | 1.294          | 50   | 97331      | 50.255  | ug/l   | 97       |
| 4) Vinyl Chloride            | 1.373          | 62   | 100055     | 49.589  | ug/l   | 99       |
| 5) Bromomethane              | 1.593          | 94   | 64334      | 44.944  | ug/l   | 97       |
| 6) Chloroethane              | 1.666          | 64   | 70438      | 56.064  | ug/l   | 98       |
| 7) Trichlorofluoromethane    | 1.867          | 101  | 164657     | 41.685  | ug/l   | 98       |
| 8) Diethyl Ether             | 2.135          | 74   | 59939      | 44.455  | ug/l   | 97       |
| 9) 1,1,2-Trichlorotrifluo... | 2.318          | 101  | 74798      | 46.796  | ug/l   | 96       |
| 10) Methyl Iodide            | 2.440          | 142  | 112604     | 53.452  | ug/l   | 96       |
| 11) Tert butyl alcohol       | 2.989          | 59   | 77242      | 238.650 | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 2.306          | 96   | 76988      | 52.439  | ug/l   | 98       |
| 13) Acrolein                 | 2.239          | 56   | 87718      | 187.226 | ug/l   | 99       |
| 14) Allyl chloride           | 2.654          | 41   | 107781     | 44.075  | ug/l   | 96       |
| 15) Acrylonitrile            | 3.068          | 53   | 217492     | 242.585 | ug/l   | 99       |
| 16) Acetone                  | 2.385          | 43   | 203692     | 217.559 | ug/l   | 97       |
| 17) Carbon Disulfide         | 2.501          | 76   | 144231     | 51.682  | ug/l   | 100      |
| 18) Methyl Acetate           | 2.702          | 43   | 78776      | 32.633  | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 3.117          | 73   | 279721     | 48.824  | ug/l   | 98       |
| 20) Methylene Chloride       | 2.782          | 84   | 88412      | 50.276  | ug/l   | 97       |
| 21) trans-1,2-Dichloroethene | 3.087          | 96   | 78883      | 50.556  | ug/l   | 93       |
| 22) Diisopropyl ether        | 3.763          | 45   | 261209     | 47.436  | ug/l   | 93       |
| 23) Vinyl Acetate            | 3.721          | 43   | 724263     | 161.780 | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 3.605          | 63   | 154626     | 50.375  | ug/l   | 97       |
| 25) 2-Butanone               | 4.562          | 43   | 311907     | 234.336 | ug/l   | 98       |
| 26) 2,2-Dichloropropane      | 4.470          | 77   | 37530      | 15.050  | ug/l   | 80       |
| 27) cis-1,2-Dichloroethene   | 4.483          | 96   | 102574     | 51.762  | ug/l   | 88       |
| 28) Bromochloromethane       | 4.891          | 49   | 69602      | 46.242  | ug/l   | 93       |
| 29) Tetrahydrofuran          | 5.007          | 42   | 197893     | 231.632 | ug/l   | 98       |
| 30) Chloroform               | 5.086          | 83   | 166910     | 48.398  | ug/l   | 99       |
| 31) Cyclohexane              | 5.464          | 56   | 114008     | 45.996  | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 5.373          | 97   | 141333     | 49.371  | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.690          | 75   | 100295     | 46.418  | ug/l   | 98       |
| 37) Ethyl Acetate            | 4.720          | 43   | 87538      | 32.775  | ug/l   | 99       |
| 38) Carbon Tetrachloride     | 5.665          | 117  | 114458     | 49.204  | ug/l   | 96       |
| 39) Methylcyclohexane        | 7.372          | 83   | 114929     | 44.494  | ug/l   | 96       |
| 40) Benzene                  | 6.031          | 78   | 331323     | 50.505  | ug/l   | 96       |

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 Sample : P5261-13MS  
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 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RE125D1-20241210MS

Quant Time: Dec 20 22:33:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 12 04:28:14 2024  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024  
 Supervised By :Mahesh Dadoda 12/24/2024

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 64423    | 45.424  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.080  | 62   | 127076   | 47.024  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 156141   | 37.403  | ug/l   | 98       |
| 44) Trichloroethene           | 7.116  | 130  | 348957   | 213.307 | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.427  | 63   | 80782    | 48.199  | ug/l   | 94       |
| 46) Dibromomethane            | 7.580  | 93   | 64647    | 49.718  | ug/l   | 93       |
| 47) Bromodichloromethane      | 7.817  | 83   | 114926   | 51.178  | ug/l   | 100      |
| 48) Methyl methacrylate       | 7.689  | 41   | 94438    | 46.603  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 28739    | 855.391 | ug/l # | 61       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 623063   | 232.128 | ug/l   | 98       |
| 52) Toluene                   | 8.714  | 92   | 204855   | 49.726  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 95282    | 40.131  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 103075   | 42.156  | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane     | 9.152  | 97   | 82544    | 50.436  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 128206   | 49.622  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 137725   | 48.347  | ug/l   | 100      |
| 59) 2-Hexanone                | 9.433  | 43   | 458196   | 235.838 | ug/l   | 97       |
| 60) Dibromochloromethane      | 9.518  | 129  | 84568    | 48.872  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 86852    | 52.135  | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.268  | 164  | 81424    | 57.840  | ug/l   | 94       |
| 65) Chlorobenzene             | 10.079 | 112  | 221935   | 48.832  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 77509    | 53.064  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.189 | 91   | 378091   | 48.147  | ug/l   | 98       |
| 68) m/p-Xylenes               | 10.299 | 106  | 284999   | 98.906  | ug/l   | 95       |
| 69) o-Xylene                  | 10.640 | 106  | 144377   | 49.520  | ug/l   | 93       |
| 70) Styrene                   | 10.652 | 104  | 236401   | 50.580  | ug/l   | 96       |
| 71) Bromoform                 | 10.799 | 173  | 51420    | 50.336  | ug/l # | 96       |
| 73) Isopropylbenzene          | 10.963 | 105  | 364451   | 49.048  | ug/l   | 100      |
| 74) N-amyl acetate            | 10.841 | 43   | 110217   | 32.095  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 123464   | 47.839  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.237 | 75   | 98910m   | 45.640  | ug/l   |          |
| 77) Bromobenzene              | 11.195 | 156  | 91485    | 50.773  | ug/l   | 95       |
| 78) n-propylbenzene           | 11.305 | 91   | 395260   | 48.128  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.359 | 91   | 250037   | 47.076  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 293757   | 47.672  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 21911    | 31.318  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 277385   | 47.162  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 303373   | 49.817  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 295822   | 48.883  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 350791   | 47.450  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 293402   | 47.683  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 158503   | 50.360  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 156595   | 48.399  | ug/l   | 98       |
| 89) n-Butylbenzene            | 12.329 | 91   | 227768   | 44.021  | ug/l   | 99       |
| 90) Hexachloroethane          | 12.536 | 117  | 46973    | 52.296  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 161837   | 49.521  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.938 | 75   | 22874    | 45.656  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 88970    | 49.657  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 33948    | 47.106  | ug/l   | 100      |
| 95) Naphthalene               | 13.774 | 128  | 332834   | 47.591  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 95903    | 50.466  | ug/l   | 96       |

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Instrument :  
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ClientSampleId :  
RE125D1-20241210MS

Quant Time: Dec 20 22:33:09 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X121124W.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 12 04:28:14 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024  
Supervised By :Mahesh Dadoda 12/24/2024

| Compound                                                                  | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                     |      |      |          |      |       |          |
| (#)= qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |

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