

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030822\  
 Data File : VX027335.D  
 Acq On : 08 Mar 2022 16:16  
 Operator : JC/MD  
 Sample : VSTDICV050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 ICSVX030822

Quant Time: Mar 09 00:15:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X030822W.M  
 Quant Title : Sw846 8260  
 QLast Update : Tue Mar 08 15:54:34 2022  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|       | Compound                    | AvgRF | CCRF  | %Dev  | Area% | Dev(min) |
|-------|-----------------------------|-------|-------|-------|-------|----------|
| 1 I   | Pentafluorobenzene          | 1.000 | 1.000 | 0.0   | 101   | 0.00     |
| 2 T   | Dichlorodifluoromethane     | 0.513 | 0.481 | 6.2   | 97    | 0.00     |
| 3 P   | Chloromethane               | 0.539 | 0.458 | 15.0  | 93    | 0.00     |
| 4 C   | Vinyl Chloride              | 0.554 | 0.494 | 10.8# | 94    | 0.00     |
| 5 T   | Bromomethane                | 0.243 | 0.221 | 9.1   | 100   | 0.00     |
| 6 T   | Chloroethane                | 0.346 | 0.277 | 19.9  | 93    | 0.00     |
| 7 T   | Trichlorofluoromethane      | 0.771 | 0.686 | 11.0  | 96    | 0.00     |
| 8 T   | Diethyl Ether               | 0.301 | 0.268 | 11.0  | 95    | 0.00     |
| 9 T   | 1,1,2-Trichlorotrifluoroeth | 0.504 | 0.444 | 11.9  | 96    | 0.00     |
| 10 T  | Methyl Iodide               | 0.712 | 0.672 | 5.6   | 95    | 0.00     |
| 11 T  | Tert butyl alcohol          | 0.114 | 0.104 | 8.8   | 95    | 0.00     |
| 12 CM | 1,1-Dichloroethene          | 0.485 | 0.438 | 9.7#  | 95    | 0.00     |
| 13 T  | Acrolein                    | 0.080 | 0.075 | 6.3   | 105   | 0.00     |
| 14 T  | Allyl chloride              | 0.760 | 0.681 | 10.4  | 94    | 0.00     |
| 15 T  | Acrylonitrile               | 0.301 | 0.267 | 11.3  | 93    | 0.00     |
| 16 T  | Acetone                     | 0.256 | 0.232 | 9.4   | 103   | 0.00     |
| 17 T  | Carbon Disulfide            | 1.317 | 1.120 | 15.0  | 93    | 0.00     |
| 18 T  | Methyl Acetate              | 0.641 | 0.564 | 12.0  | 94    | 0.00     |
| 19 T  | Methyl tert-butyl Ether     | 1.606 | 1.458 | 9.2   | 96    | 0.00     |
| 20 T  | Methylene Chloride          | 0.570 | 0.491 | 13.9  | 93    | 0.00     |
| 21 T  | trans-1,2-Dichloroethene    | 0.539 | 0.468 | 13.2  | 95    | 0.00     |
| 22 T  | Diisopropyl ether           | 1.520 | 1.380 | 9.2   | 94    | 0.00     |
| 23 T  | Vinyl Acetate               | 1.272 | 1.184 | 6.9   | 95    | 0.00     |
| 24 P  | 1,1-Dichloroethane          | 0.923 | 0.816 | 11.6  | 93    | 0.00     |
| 25 T  | 2-Butanone                  | 0.402 | 0.366 | 9.0   | 96    | 0.00     |
| 26 T  | 2,2-Dichloropropane         | 0.662 | 0.606 | 8.5   | 96    | 0.00     |
| 27 T  | cis-1,2-Dichloroethene      | 0.625 | 0.551 | 11.8  | 94    | 0.00     |
| 28 T  | Bromochloromethane          | 0.384 | 0.313 | 18.5  | 87    | 0.00     |
| 29 T  | Tetrahydrofuran             | 0.266 | 0.237 | 10.9  | 94    | 0.00     |
| 30 C  | Chloroform                  | 0.974 | 0.856 | 12.1# | 93    | 0.00     |
| 31 T  | Cyclohexane                 | 0.816 | 0.743 | 8.9   | 94    | 0.00     |
| 32 T  | 1,1,1-Trichloroethane       | 0.833 | 0.750 | 10.0  | 94    | 0.00     |
| 33 S  | 1,2-Dichloroethane-d4       | 0.583 | 0.492 | 15.6  | 89    | 0.00     |
| 34 I  | 1,4-Difluorobenzene         | 1.000 | 1.000 | 0.0   | 102   | 0.00     |
| 35 S  | Dibromofluoromethane        | 0.323 | 0.275 | 14.9  | 88    | 0.00     |
| 36 T  | 1,1-Dichloropropene         | 0.448 | 0.406 | 9.4   | 95    | 0.00     |
| 37 T  | Ethyl Acetate               | 0.472 | 0.426 | 9.7   | 94    | 0.00     |
| 38 T  | Carbon Tetrachloride        | 0.463 | 0.419 | 9.5   | 94    | 0.00     |
| 39 T  | Methylcyclohexane           | 0.566 | 0.519 | 8.3   | 96    | 0.00     |
| 40 TM | Benzene                     | 1.364 | 1.207 | 11.5  | 94    | 0.00     |
| 41 T  | Methacrylonitrile           | 0.255 | 0.234 | 8.2   | 94    | 0.00     |
| 42 TM | 1,2-Dichloroethane          | 0.446 | 0.409 | 8.3   | 94    | 0.00     |
| 43 T  | Isopropyl Acetate           | 0.712 | 0.653 | 8.3   | 95    | 0.00     |
| 44 TM | Trichloroethene             | 0.375 | 0.336 | 10.4  | 95    | 0.00     |
| 45 C  | 1,2-Dichloropropane         | 0.342 | 0.308 | 9.9#  | 93    | 0.00     |
| 46 T  | Dibromomethane              | 0.243 | 0.220 | 9.5   | 94    | 0.00     |
| 47 T  | Bromodichloromethane        | 0.449 | 0.411 | 8.5   | 94    | 0.00     |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Quant Time: Mar 09 00:15:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X030822W.M  
 Quant Title : Sw846 8260  
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 25% Max. Rel. Area : 150%

|       | Compound                    | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|-------|-----------------------------|-------|-------|------|-------|----------|
| 48 T  | Methyl methacrylate         | 0.354 | 0.329 | 7.1  | 95    | 0.00     |
| 49 T  | 1,4-Dioxane                 | 0.009 | 0.008 | 11.1 | 95    | 0.00     |
| 50 S  | Toluene-d8                  | 1.218 | 1.036 | 14.9 | 88    | 0.00     |
| 51 T  | 4-Methyl-2-Pentanone        | 0.477 | 0.442 | 7.3  | 94    | 0.00     |
| 52 CM | Toluene                     | 0.870 | 0.797 | 8.4# | 94    | 0.00     |
| 53 T  | t-1,3-Dichloropropene       | 0.461 | 0.440 | 4.6  | 95    | 0.00     |
| 54 T  | cis-1,3-Dichloropropene     | 0.517 | 0.490 | 5.2  | 94    | 0.00     |
| 55 T  | 1,1,2-Trichloroethane       | 0.363 | 0.327 | 9.9  | 94    | 0.00     |
| 56 T  | Ethyl methacrylate          | 0.535 | 0.508 | 5.0  | 96    | 0.00     |
| 57 T  | 1,3-Dichloropropane         | 0.586 | 0.528 | 9.9  | 94    | 0.00     |
| 58 T  | 2-Chloroethyl Vinyl ether   | 0.270 | 0.257 | 4.8  | 96    | 0.00     |
| 59 T  | 2-Hexanone                  | 0.368 | 0.349 | 5.2  | 95    | 0.00     |
| 60 T  | Dibromochloromethane        | 0.370 | 0.344 | 7.0  | 94    | 0.00     |
| 61 T  | 1,2-Dibromoethane           | 0.375 | 0.349 | 6.9  | 95    | 0.00     |
| 62 S  | 4-Bromofluorobenzene        | 0.464 | 0.396 | 14.7 | 88    | 0.00     |
| 63 I  | Chlorobenzene-d5            | 1.000 | 1.000 | 0.0  | 101   | 0.00     |
| 64 T  | Tetrachloroethene           | 0.350 | 0.306 | 12.6 | 94    | 0.00     |
| 65 PM | Chlorobenzene               | 1.052 | 0.942 | 10.5 | 94    | 0.00     |
| 66 T  | 1,1,1,2-Tetrachloroethane   | 0.368 | 0.341 | 7.3  | 96    | 0.00     |
| 67 C  | Ethyl Benzene               | 1.814 | 1.659 | 8.5# | 94    | 0.00     |
| 68 T  | m/p-Xylenes                 | 0.712 | 0.656 | 7.9  | 95    | 0.00     |
| 69 T  | o-Xylene                    | 0.703 | 0.649 | 7.7  | 95    | 0.00     |
| 70 T  | Styrene                     | 1.166 | 1.082 | 7.2  | 94    | 0.00     |
| 71 P  | Bromoform                   | 0.300 | 0.277 | 7.7  | 92    | 0.00     |
| 72 I  | 1,4-Dichlorobenzene-d4      | 1.000 | 1.000 | 0.0  | 101   | 0.00     |
| 73 T  | Isopropylbenzene            | 3.657 | 3.358 | 8.2  | 95    | 0.00     |
| 74 T  | N-amyl acetate              | 1.337 | 1.261 | 5.7  | 94    | 0.00     |
| 75 P  | 1,1,2,2-Tetrachloroethane   | 1.257 | 1.102 | 12.3 | 93    | 0.00     |
| 76 T  | 1,2,3-Trichloropropane      | 1.097 | 1.008 | 8.1  | 94    | 0.00     |
| 77 T  | Bromobenzene                | 0.923 | 0.833 | 9.8  | 94    | 0.00     |
| 78 T  | n-propylbenzene             | 4.113 | 3.842 | 6.6  | 94    | 0.00     |
| 79 T  | 2-Chlorotoluene             | 2.571 | 2.314 | 10.0 | 94    | 0.00     |
| 80 T  | 1,3,5-Trimethylbenzene      | 3.135 | 2.856 | 8.9  | 94    | 0.00     |
| 81 T  | trans-1,4-Dichloro-2-butene | 0.339 | 0.323 | 4.7  | 94    | 0.00     |
| 82 T  | 4-Chlorotoluene             | 2.908 | 2.648 | 8.9  | 93    | 0.00     |
| 83 T  | tert-Butylbenzene           | 3.134 | 2.890 | 7.8  | 94    | 0.00     |
| 84 T  | 1,2,4-Trimethylbenzene      | 3.109 | 2.866 | 7.8  | 94    | 0.00     |
| 85 T  | sec-Butylbenzene            | 3.780 | 3.521 | 6.9  | 95    | 0.00     |
| 86 T  | p-Isopropyltoluene          | 3.200 | 2.992 | 6.5  | 94    | 0.00     |
| 87 T  | 1,3-Dichlorobenzene         | 1.734 | 1.550 | 10.6 | 93    | 0.00     |
| 88 T  | 1,4-Dichlorobenzene         | 1.755 | 1.564 | 10.9 | 95    | 0.00     |
| 89 T  | n-Butylbenzene              | 2.680 | 2.540 | 5.2  | 94    | 0.00     |
| 90 T  | Hexachloroethane            | 0.499 | 0.456 | 8.6  | 93    | 0.00     |
| 91 T  | 1,2-Dichlorobenzene         | 1.709 | 1.510 | 11.6 | 94    | 0.00     |
| 92 T  | 1,2-Dibromo-3-Chloropropane | 0.263 | 0.235 | 10.6 | 92    | 0.00     |
| 93 T  | 1,2,4-Trichlorobenzene      | 1.122 | 1.010 | 10.0 | 93    | 0.00     |

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Quant Title : Sw846 8260  
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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
Max. RRF Dev : 25% Max. Rel. Area : 150%

|      | Compound               | AvgRF | CCRF  | %Dev | Area% | Dev(min) |
|------|------------------------|-------|-------|------|-------|----------|
| 94 T | Hexachlorobutadiene    | 0.492 | 0.454 | 7.7  | 97    | 0.00     |
| 95 T | Naphthalene            | 3.767 | 3.495 | 7.2  | 92    | 0.00     |
| 96 T | 1,2,3-Trichlorobenzene | 1.121 | 1.003 | 10.5 | 92    | 0.00     |

(#) = Out of Range

SPCC's out = 0 CCC's out = 6