Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\

Data File : VV023175.D

: 03 Nov 2021 10:08 Acq On

: SY/MD Operator : VSTDCCC005 Sample

: 25.0mL/MSVOA_V/WATER Misc ALS Vial : 71 Sample Multiplier: 1

Quant Time: Nov 07 01:55:55 2021

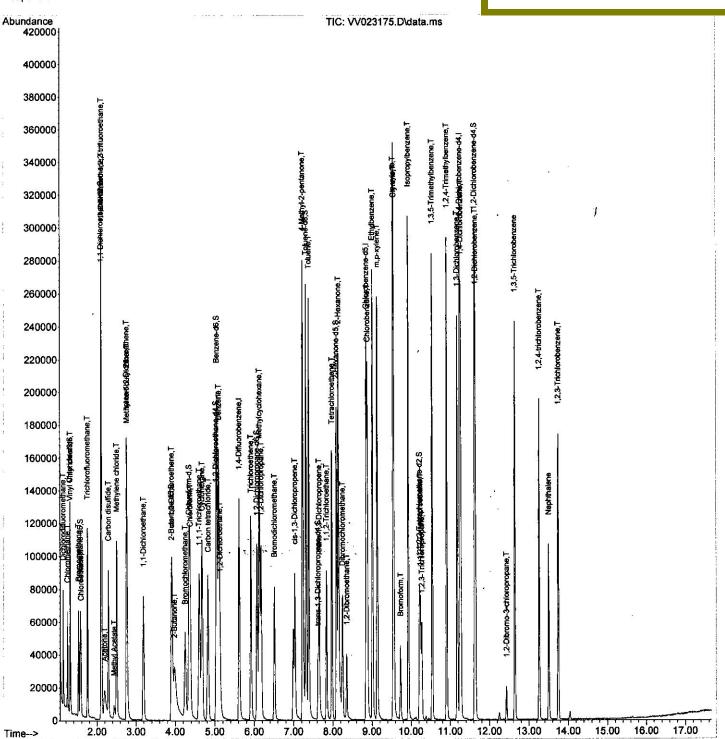
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Tue Nov 02 23:31:16 2021 Response via : Initial Calibration

Instrument: MSVOA_V **LabSampleId**: /STDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/08/2021 Supervised By :Mahesh Dadoda 11/08/2021



SFAMVTR102221WMA.M Sun Nov 07 01:59:23 2021

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\

Data File : VV023175.D

Acq On : 03 Nov 2021 10:08

Operator : SY/MD Sample : VSTDCCC005

Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 71 Sample Multiplier: 1

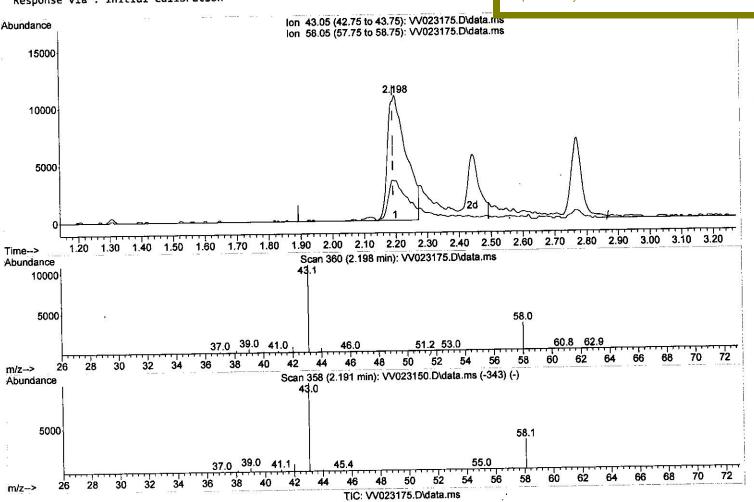
Quant Time: Nov 07 01:55:55 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Tue Nov 02 23:31:16 2021 Response via : Initial Calibration Instrument : MSVOA_V LabSampleId : VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/08/2021 Supervised By :Mahesh Dadoda 11/08/2021



(13) Acetone (T)

2.198min (+ 0.007) 52.82 ug/L

response	44457		
Ion	Exp%	Act*	
43.05	100.00	100.00	
58.05	27.70	31.53	
0.00	0.00	0.00	
0.00	0.00	0.00	

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\

Data File: VV023175.D

Acq On : 03 Nov 2021 10:08

Operator : SY/MD Sample : VSTDCCC005

Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 71 Sample Multiplier: 1

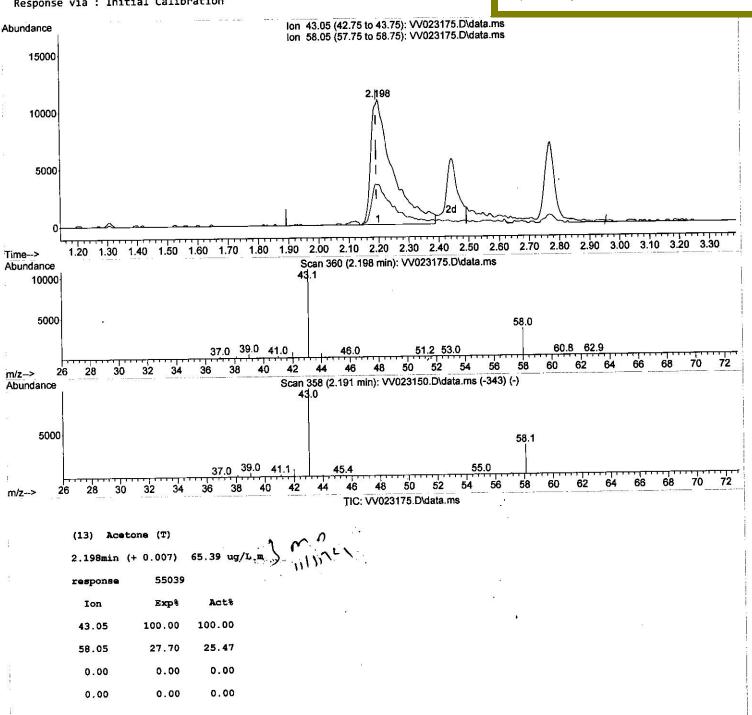
Quant Time: Nov 07 01:55:55 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Tue Nov 02 23:31:16 2021 Response via : Initial Calibration Instrument : MSVOA_V LabSampleId : VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/08/2021 Supervised By :Mahesh Dadoda 11/08/2021



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\

Data File : VV023175.D

Acq On : 03 Nov 2021 10:08

Operator : SY/MD

Sample : VSTDCCC005

Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Nov 07 01:55:55 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Tue Nov 02 23:31:16 2021 Response via : Initial Calibration

Internal Standards	Compound	R.T.	QIon	Response Conc Units Dev(Min)	
1) 1,4-Diffluorobenzened5	Internal Standards				
28) Chlorobenzene-d5 8.854 117 124118 5.000 ug/L 0.00		5 616	114	122388 5.000 ug/l 0.6	30
System Monitoring Compounds 4 Vinyl Chloride-d3 1.304 65 A4462 4.157 ug/L 0.00 8 A5269 5.331 ug/L 0.00 A5269 5.341					
System Monitoring Compounds 4) Vinyl Chloride-d3 Spiked Amount 5.000 Range 40 - 130 Recovery = 83.200% 7) Chloroethane-d5 1.568 69 Spiked Amount 5.000 Range 65 - 130 Recovery = 106.600% 11) 1,1-Dichloroethene-d2 2.108 63 Spiked Amount 5.000 Range 66 - 125 Recovery = 106.600% Recovery =					
4) Vinyl Chloride-d3	38) 1,4-DICHIO ODENZENE-U4	#1.277	172	72423 3.000 ug/ L	
Spiked Amount S.000 Range 40 - 130 Recovery = 83.200% 7) Chloroethane-d5 1.568 63 35269 S.331 ug/L 0.00 Range 65 - 130 Recovery = 106.600% 1) 1,1-Dichloroethene-d2 2.108 63 78921 S.115 ug/L 0.00 Range 60 - 125 Recovery = 102.400% 20) 2-Butanone-d5 3.902 46 75851 44.214 ug/L 0.00 Range 40 - 130 Recovery = 88.420% 24) Chloroform-d 5.000 Range 40 - 130 Recovery = 88.420% 24) Chloroform-d 5.000 Range 70 - 125 Recovery = 107.800% 26) 1,2-Dichloroethane-d4 5.031 65 Recovery = 107.800% 20) 1,2-Dichloropropane-d6 5.047 84 180892 4.992 ug/L 0.00 20 20 20 20 20 20	System Monitoring Compounds				
7) Chloroethane-d5 Spiked Amount 5.000 Range 65 - 130 Recovery = 106.600% Recovery = 102.400% 20) 2-Butanone-d5 Spiked Amount 5.000 Range 60 - 125 Recovery = 102.400% 20) 2-Butanone-d5 Spiked Amount 5.000 Range 40 - 130 Recovery = 102.400% 21) Chloroform-d Spiked Amount 5.000 Range 70 - 125 Recovery = 107.800% 22) Benzene-d6 Spiked Amount 5.000 Range 70 - 125 Recovery = 107.800% 23) Benzene-d6 Spiked Amount 5.000 Range 70 - 125 Recovery = 107.800% 24) Spiked Amount 5.000 Range 70 - 125 Recovery = 102.600% 25) Recovery = 102.600% 26) 1,2-Dichloroethane-d4 Spiked Amount 5.000 Range 70 - 125 Recovery = 102.600% 26) Recovery = 102.600% 27) Recovery = 102.600% 28) Recovery = 102.600% 29) Recovery = 102.600% 20) Recovery = 102.600% 21) Recovery = 102.600% 22) Recovery = 102.600% 23) Recovery = 102.600% 24) Toluene-d8 Spiked Amount 5.000 Range 70 - 125 Recovery = 93.200% 25) Recovery = 93.200% 26) 1,2-Dichloropropane-d6 Spiked Amount 5.000 Range 70 - 130 Recovery = 93.200% 27) Recovery = 105.800% 28) Recovery = 105.800% 29) Recovery = 105.800% 20) Recovery = 105.800% 21) Recovery = 105.800% 22) Recovery = 105.800% 23) Recovery = 105.800% 24) Trans-1,3-Dichloroprop 7.622 29 Spiked Amount 5.000 Range 50 - 130 Recovery = 102.600% 20) Recovery = 102.600% 21) Recovery = 102.600% 22) Recovery = 102.600% 23) Recovery = 102.600% 24.661 ug/L 25.000 26) Recovery = 102.600% 26) Recovery = 102.600% 27) Recovery = 102.600% 28) Recovery = 102.600% 29) Recovery = 102.600% 20) Recovery = 102.600% 20) Recovery = 102.600% 20) Recovery = 102.600% 21,1,2-Trichloroproproproproproproproproproproproprop		1.304	65		9
Spiked Amount	Spiked Amount 5.000	Range 40	- 130	<u> </u>	
11	7) Chloroethane-d5	1.568	69	The state of the s	9
Spiked Amount S.000 Range 60 125 Recovery = 102.400%	Spiked Amount 5.000	Range 65	- 130		
20) 2-Butanone-dS	<pre>11) 1,1-Dichloroethene-d2</pre>	2.108	63	78921 5.115 ug/L 0.00	3
Spiked Amount 50.000 Range 40 - 130 Recovery = 88.420%	Spiked Amount 5.000	Range 60	- 125	Recovery = 102.400%	
24) Chloroform-d Spiked Amount 5.000 Range 70 - 125 Recovery = 107.800% 26) 1,2-Dichloroethane-d4 5.031 65 42020 5.127 ug/L 0.00 Spiked Amount 5.000 Range 70 - 130 Recovery = 102.600% 32) Benzene-d6 5.047 84 180892 4.992 ug/L 0.00 Spiked Amount 5.000 Range 70 - 130 Recovery = 102.600% 32) Benzene-d6 6.066 67 51999 4.661 ug/L 0.00 Spiked Amount 5.000 Range 70 - 130 Recovery = 99.800% 36) 1,2-Dichloropropane-d6 6.066 67 51999 4.661 ug/L 0.00 Spiked Amount 5.000 Range 70 - 130 Recovery = 93.200% 41) Toluene-d8 7.313 98 172231 5.291 ug/L 0.00 Spiked Amount 5.000 Range 70 - 130 Recovery = 105.800% 43) trans-1,3-Dichloroprop 7.622 79 19869 5.084 ug/L 0.00 Spiked Amount 5.000 Range 55 - 130 Recovery = 101.600% 46) 2-Hexanone-d5 8.088 63 74647 51.587 ug/L 0.00 Spiked Amount 50.000 Range 45 - 130 Recovery = 103.188% 56) 1,1,2,2-Tetrachloroeth 10.217 84 37432 4.860 ug/L 0.00 Spiked Amount 5.000 Range 65 - 120 Recovery = 97.200% 66) 1,2-Dichlorobenzene-d4 11.625 152 61507 4.760 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 95.200% 101 Chloromethane 1.240 50 36786 4.383 ug/L 97 5) Vinyl chloride 1.310 62 38464 4.438 ug/L 98 6) Bromomethane 1.524 50 36786 4.383 ug/L 97 5) Vinyl chloride 1.310 62 38464 4.438 ug/L 98 6) Bromomethane 1.524 54 54 2551 5.637 ug/L 98 9) Trichlorofluoromethane 1.524 54 54 2551 5.637 ug/L 98 9) Trichlorofluoromethane 1.524 54 55 5.637 ug/L 98 1) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 1) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 99 13) Acetone 2.198 43 55039m 65.392 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 15) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 98 19 1,1-Dichloroethene 3.188 63 77273 6.627 ug/L 98 19 1,1-Dichloroethene 3.982 43 73249 44.454 ug/L 100 20 cis-1,2-Dichloroethene 3.982 43 73249 44.454 ug/L 100 20 cis-1,2-Dichloroethene 3.980 96 43020 5.672 ug/L 99 10 20 cis-1,2-Dichloroethene 3.998 96 43020 5.672 ug/L 99	20) 2-Butanone-d5	3.902	46	75851 44.214 ug/L 0.06	Э
Spiked Amount S.000 Range 70 - 125 Recovery = 107.800%	Spiked Amount 50.000	Range 40	- 130	Recovery = 88.420%	
26) 1,2-Dichloroethane-d4 Spiked Amount 5.000 Range 70 - 130 Recovery = 102.660% 32) Benzene-d6 Spiked Amount 5.000 Range 70 - 125 Recovery = 99.880% 36) 1,2-Dichloropropane-d6 Spiked Amount 5.000 Range 60 - 140 Recovery = 93.200% 41) Toluene-d8 Spiked Amount 5.000 Range 70 - 130 Recovery = 99.880% 40) Trans-1,3-Dichloroprop 7.622 43) trans-1,3-Dichloroprop 7.622 43) trans-1,3-Dichloroprop 7.622 45) Range 70 - 130 Recovery = 93.200% 46) 2-Hexanone-d5 Spiked Amount 5.000 Range 55 - 130 Recovery = 105.800% 46) 2-Hexanone-d5 Spiked Amount 50.000 Range 45 - 130 Recovery = 103.180% 56) 1,1,2,2-Tetrachloroeth 10.217 84 37432 4.860 ug/L 0.00 Spiked Amount 5.000 Range 65 - 120 Recovery = 103.180% 56) 1,2-Dichlorobenzene-d4 11.625 152 61507 4.760 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 97.200% 61) 1,2-Dichlorobenzene-d4 11.625 152 01chlorodifluoromethane 1.127 1.240 1.3100 1.3100 1.3100 1.3100 1.3100 1.3100 1.	24) Chloroform-d	4.346	84	93631 5.385 ug/L 0.00	9
Spiked Amount S.000 Range 70 130 Recovery = 102.600%	Spiked Amount 5.000	Range 70	- 125	Recovery = 107.800%	
32 Benzene-d6 5.007 84 180892 4.992 ug/L 0.00 Spiked Amount 5.000 Range 70 - 125 Recovery = 99.800% 36) 1,2-Dichloropropane-d6 6.066 67 5199 4.661 ug/L 0.00 Spiked Amount 5.000 Range 60 - 140 Recovery = 93.200% 41) Toluene-d8 7.313 98 172231 5.291 ug/L 0.00 Spiked Amount 5.000 Range 70 - 130 Recovery = 105.800% 43) trans-1,3-Dichloroprop 7.622 79 19869 5.084 ug/L 0.00 Spiked Amount 5.000 Range 55 - 130 Recovery = 101.600% 46) 2-Hexanone-d5 8.088 63 74647 51.587 ug/L 0.00 Spiked Amount 50.000 Range 45 - 130 Recovery = 103.180% 37432 4.860 ug/L 0.00 Spiked Amount 5.000 Range 65 - 120 Recovery = 97.200% 66) 1,2-Dichlorobenzene-d4 11.625 152 61507 4.760 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 95.200% 74647 51.587 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 97.200% 66) 1,2-Dichlorobenzene-d4 11.625 152 61507 4.760 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 95.200% 7469 ug/L 0.00 7469 ug/L	26) 1,2-Dichloroethane-d4	5.031	65	42020 5.127 ug/L 0.00	9
Spiked Amount 5.000 Range 70 - 125 Recovery = 99.800% 36) 1,2-Dichloropropane-d6 6.066 67 51999 4.661 ug/L 0.00 5000 8000 8000 8000 172231 5.291 ug/L 0.00 8000 8000 172231 5.291 ug/L 0.00 8000 8000 172231 5.291 ug/L 0.00 8000	Spiked Amount 5.000	Range 70	- 130	Recovery = 102.600%	
36) 1,2-Dichloropropane-d6	32) Benzene-d6	5.047	84	180892 4.992 ug/L 0.06	9
36) 1,2-Dichloropropane-d6	Spiked Amount 5.000	Range 70	- 125	Recovery = 99.800%	
Spiked Amount 5.000 Range 60 140 Recovery = 93.200%		6.066	67	51999 4.661 ug/L 0.00	0
Toluene-d8		Range 60	- 140	Recovery = 93.200%	
Spiked Amount 5.000 Range 70 - 130 Recovery = 105.800%		7.313	98	172231 5.291 ug/L 0.00	0
19869 5.084 ug/L 0.00	The state of the s	Range 70	- 130	Recovery = 105.800%	
Spiked Amount 5.000 Range 55 - 130 Recovery = 101.600%	W WORK		79	19869 5.084 ug/L 0.00	0
Spiked Amount S0.000 Range 45 - 130 Recovery = 103.180%			- 130	Recovery = 101.600%	
Spiked Amount 50.000 Range 45 - 130 Recovery = 103.180% 56) 1,1,2,2-Tetrachloroeth 10.217 84 37432 4.860 ug/L 0.00 Spiked Amount 5.000 Range 65 - 120 Recovery = 97.200% 66) 1,2-Dichlorobenzene-d4 11.625 152 61507 4.760 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 97.200% Target Compounds 2) Dichlorodifluoromethane 1.127 85 37615 4.845 ug/L 100 3) Chloromethane 1.240 50 36786 4.383 ug/L 97 5) Vinyl chloride 1.310 62 38464 4.438 ug/L 98 6) Bromomethane 1.523 94 26093 5.958 ug/L 98 8) Chloroethane 1.584 to 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118		8.088	63	74647 51.587 ug/L 0.00	0
56) 1,1,2,2-Tetrachloroeth 10.217 84 37432 4.860 ug/L 0.00 Spiked Amount 5.000 Range 65 - 120 Recovery = 97.200% 66) 1,2-Dichlorobenzene-d4 11.625 152 61507 4.760 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 95.200% Target Compounds 2) Dichlorodifluoromethane 1.127 85 37615 4.845 ug/L 100 3) Chloromethane 1.240 50 36786 4.383 ug/L 97 5) Vinyl chloride 1.310 62 38464 4.438 ug/L 98 6) Bromomethane 1.523 94 26093 5.958 ug/L 98 8) Chloroethane 1.584 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 5.392 ug/L 99 14) C		Range 45	- 130	Recovery = 103.180%	
Spiked Amount 5.000 Range 65 - 120 Recovery = 97.200% 66) 1,2-Dichlorobenzene-d4 Spiked Amount 5.000 Range 80 - 120 Recovery = 95.200% Target Compounds 2) Dichlorodifluoromethane 1.127 85 37615 4.845 ug/L 100 3) Chloromethane 1.240 50 36786 4.383 ug/L 97 5) Vinyl chloride 1.310 62 38464 4.438 ug/L 98 6) Bromomethane 1.523 94 26093 5.958 ug/L 98 8) Chloroethane 1.584 to 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 99 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 <td< td=""><td>56) 1,1,2,2-Tetrachloroeth.</td><td> 10.217</td><td>84</td><td>37432 4.860 ug/L 0.00</td><td>0</td></td<>	56) 1,1,2,2-Tetrachloroeth.	10.217	84	37432 4.860 ug/L 0.00	0
Spiked Amount 5.000 Range 80 - 120 Recovery = 95.200% Target Compounds 2) Dichlorodifluoromethane 1.127 85 37615 4.845 ug/L 100 3) Chloromethane 1.240 50 36786 4.383 ug/L 97 5) Vinyl chloride 1.310 62 38464 4.438 ug/L 98 6) Bromomethane 1.523 94 26093 5.958 ug/L 98 8) Chloroethane 1.584 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 99 12) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 98 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43			- 120	Recovery = 97.200%	
Target Compounds 2) Dichlorodifluoromethane 1.127 85 37615 4.845 ug/L 100 3) Chloromethane 1.240 50 36786 4.383 ug/L 97 5) Vinyl chloride 1.310 62 38464 4.438 ug/L 98 6) Bromomethane 1.523 94 26093 5.958 ug/L 98 8) Chloroethane 1.584 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 99 12) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90	66) 1,2-Dichlorobenzene-d4	11.625	152	61507 4.760 ug/L 0.00	0
2) Dichlorodifluoromethane 3) Chloromethane 1.240 50 36786 4.383 ug/L 97 5) Vinyl chloride 1.310 62 38464 4.438 ug/L 98 6) Bromomethane 1.523 94 26093 5.958 ug/L 98 8) Chloroethane 1.584 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 99 12) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90	Spiked Amount 5.000	Range 80	- 120	Recovery = 95.200%	
2) Dichlorodifluoromethane 3) Chloromethane 4) 1.240 50 36786 4.383 ug/L 5) Vinyl chloride 4) 1.310 62 38464 4.438 ug/L 6) Bromomethane 4) 1.523 94 26093 5.958 ug/L 8) Chloroethane 4) 1.584 64 25551 5.637 ug/L 9) Trichlorofluoromethane 4) 1.754 101 66535 5.688 ug/L 9) Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 9) 1,1,2-Trichloro-1,2,2 2.118 96 33779 5.391 ug/L 13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 16) Methylene chloride 2.507 84 45997 6.683 ug/L 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 21) 2-Butanone 3.982 43 73249 44.454 ug/L 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90	Target Compounds			Qvalue	
3) Chloromethane 1.240 50 36786 4.383 ug/L 97 5) Vinyl chloride 1.310 62 38464 4.438 ug/L 98 6) Bromomethane 1.523 94 26093 5.958 ug/L 98 8) Chloroethane 1.584 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 99 12) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90		1.127	85	37615 4.845 ug/L 10	0
5) Vinyl chloride 6) Bromomethane 1.523 94 26093 5.958 ug/L 8) Chloroethane 1.584 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 99 12) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 99 16) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90	The state of the s			[13] [13] [13] [13] [13] [13] [13] [13]	7
6) Bromomethane 1.523 94 26093 5.958 ug/L 98 8) Chloroethane 1.584 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 99 12) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90				38464 4.438 ug/L 9	8
8) Chloroethane 1.584 t 64 25551 5.637 ug/L 98 9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 99 12) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90		1.523	94	26093 5.958 ug/L 9	8
9) Trichlorofluoromethane 1.754 101 66535 5.688 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 99 12) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90		1.584	64	25551 5.637 ug/L 9	8
10) 1,1,2-Trichloro-1,2,2 2.118 101 38469 5.768 ug/L 99 12) 1,1-Dichloroethene 2.118 96 33779 5.391 ug/L 98 13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90		1.754	101	66535 5.688 ug/L 9	9
12) 1,1-Dichloroethene		2.118	101	38469 5.768 ug/L 9	9
13) Acetone 2.198 43 55039m 65.392 ug/L 14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90			96	33779 9 5.391 ug/L 9	8
14) Carbon disulfide 2.294 76 99912 5.855 ug/L 99 15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90		2.198	43	55039m 65.392 ug/L	
15) Methyl Acetate 2.442 43 11628 3.632 ug/L 99 16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90				99912 5.855 ug/L 9	9
16) Methylene chloride 2.507 84 45997 6.683 ug/L 97 17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90		2.442	43		9
17) Methyl tert-butyl Ether 2.767 73 79681 5.326 ug/L 96 18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L #		2.507	84	45997 6.683 ug/L 9	7
18) trans-1,2-Dichloroethene 2.761 96 40575 6.065 ug/L 98 19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90		2.767	73	79681 5.326 ug/L 9	6
19) 1,1-Dichloroethane 3.188 63 77273 6.287 ug/L 97 21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90					8
21) 2-Butanone 3.982 43 73249 44.454 ug/L 100 22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90				77273 6.287 ug/L 9	7
22) cis-1,2-Dichloroethene 3.908 96 43020 5.672 ug/L # 90					0
	22) cis-1,2-Dichloroethene	3.908		43020 5.672 ug/L # 9	0
	23) Bromochloromethane	4.249	128	20498 5.953 ug/L # 8	4

4.375 83

82980

5.109 ug/L

99

Instrument:
MSVOA_V
LabSampleId:
VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/08/2021 Supervised By :Mahesh Dadoda 11/08/2021

"Ilur

25) Chloroform

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110221\

Data File : VV023175.D

Acq On : 03 Nov 2021 10:08

Operator : SY/MD Sample : VSTDCCC005

Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 71 Sample Multiplier: 1

Quant Time: Nov 07 01:55:55 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Tue Nov 02 23:31:16 2021 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units Dev(M	lin)
27) 1,2-Dichloroethane	5.127	62	43980	5.135 ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	73630	5.250 ug/L	99
30) Cyclohexane	4.677	56	55911	4.566 ug/L	98
31) Carbon tetrachloride	4.828	117	64271	5.325 ug/L	99
33) Benzene	5.098	78	167707	5.021 ug/L	100
34) Trichloroethene	5.915	95	43001	5.125 ug/L	94
35) Methylcyclohexane	6.127	83	61413	5.111 ug/L	97
37) 1,2-Dichloropropane	6.172	63	40973	4.867 ug/L	99
38) Bromodichloromethane	6.510	83	54369	5.235 ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	54920	5.239 ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	194234	49.008 ug/L	98
42) Toluene	7.387	91	184344	5.446 ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	48786	5.625 ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	30311	5.147 ug/L	97
47) Tetrachloroethene	7.976	164	38106	5.375 ug/L	96
48) 2-Hexanone	8.140	43	148631	50.519 ug/L	97
49) Dibromochloromethane	8.246	129	37956	5.416 ug/L	98
50) 1,2-Dibromoethane	8.352		27414	5.170 ug/L #	99
51) Chlorobenzene	8.883	112	118920	5.348 ug/L	99
52) Ethylbenzene	9.011	91	185148	5.511 ug/L	98
53) m,p-xylene	9.137		74800	5.552 ug/L	99
54) o-xylene	9.542	106	69669	5.493 ug/L	100
55) Styrene	9.561	104	124119	5.667 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	33438	5.079 ug/L	96
59) Bromoform	9.731		21298	5.047 ug/L #	99
60) Isopropylbenzene	9.931		191444	5.227 ug/L	100
61) 1,2,3-Trichloropropane	10.275		23320	4.575 ug/L	98
62) 1,3,5-Trimethylbenzene	10.538		151585	5.153 ug/L	99
63) 1,2,4-Trimethylbenzene	10.915		155162	5.285 ug/L	100
64) 1,3-Dichlorobenzene	11.181		99751	5.176 ug/L	95
65) 1,4-Dichlorobenzene	11.271		100625	5.140 ug/L	98
67) 1,2-Dichlorobenzene	11.644		90628	5.052 ug/L	100
68) 1,2-Dibromo-3-chloropr	12.429		4908	4.880 ug/L #	81
69) 1,3,5-Trichlorobenzene	12.644		75924	5.173 ug/L	98
70) 1,2,4-trichlorobenzene	13.262		58913		99
71) Naphthalene	13.503		83298	4.989 ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	53401	5.238 ug/L	99

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

Instrument : MSVOA_V LabSampleId : VSTDCCC005

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/08/2021 Supervised By :Mahesh Dadoda 11/08/2021