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Data File: VV023202.D

Acq On : 04 Nov 2021 14:22

Operator : SY/MD Sample : VSTDICV005

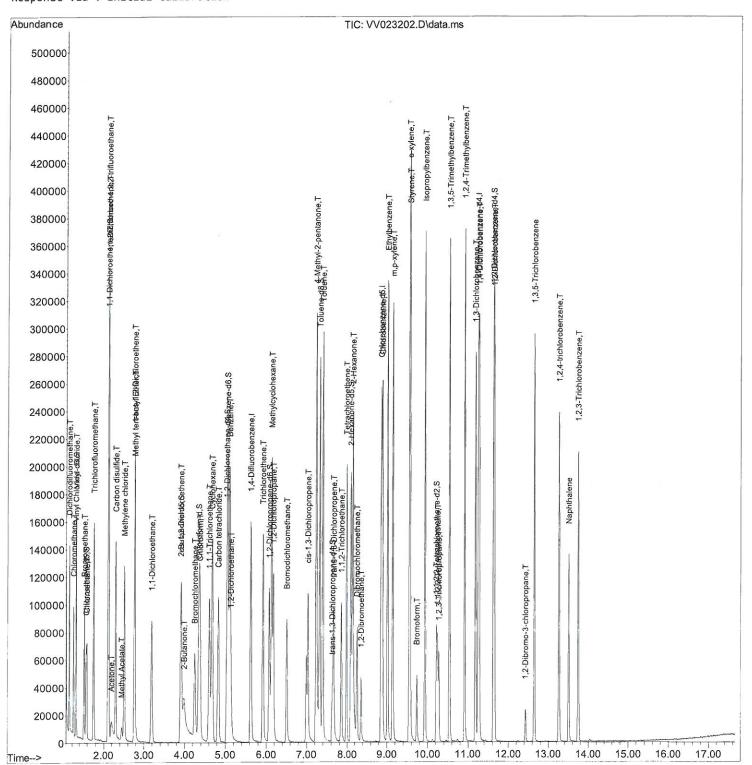
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ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 01:00:14 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Mon Nov 08 13:19:52 2021 Response via : Initial Calibration Instrument : MSVOA_V ClientSampleId : VICV252

Manual IntegrationsAPPROVED



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\

Data File : VV023202.D

Acq On : 04 Nov 2021 14:22

Operator : SY/MD Sample : VSTDICV005

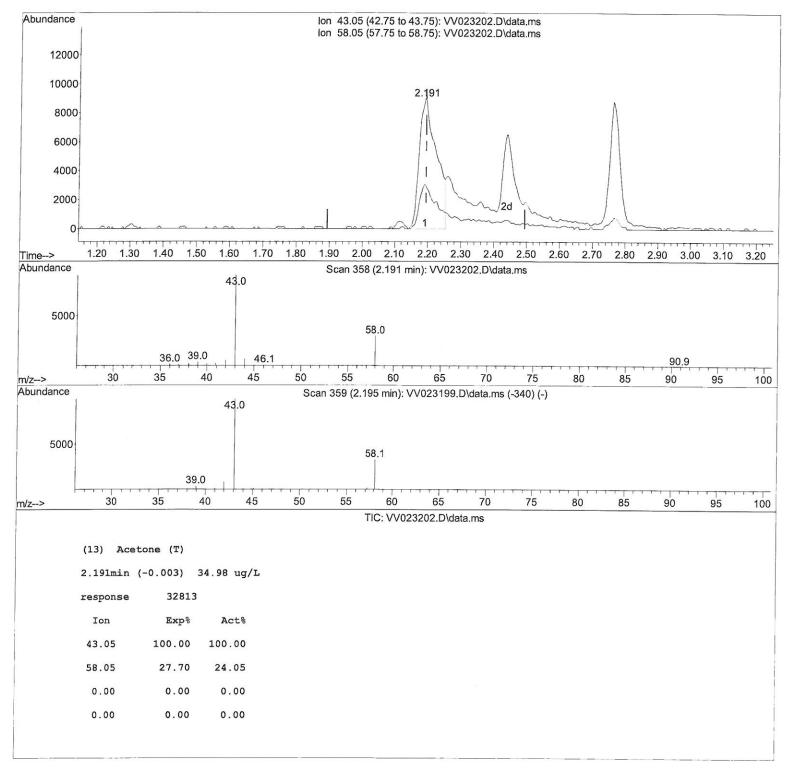
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ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 01:00:14 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Mon Nov 08 13:19:52 2021 Response via : Initial Calibration Instrument :
MSVOA_V
ClientSampleId :
VICV252

Manual IntegrationsAPPROVED



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\

Data File: VV023202.D

Acq On : 04 Nov 2021 14:22

Operator : SY/MD Sample : VSTDICV005

Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

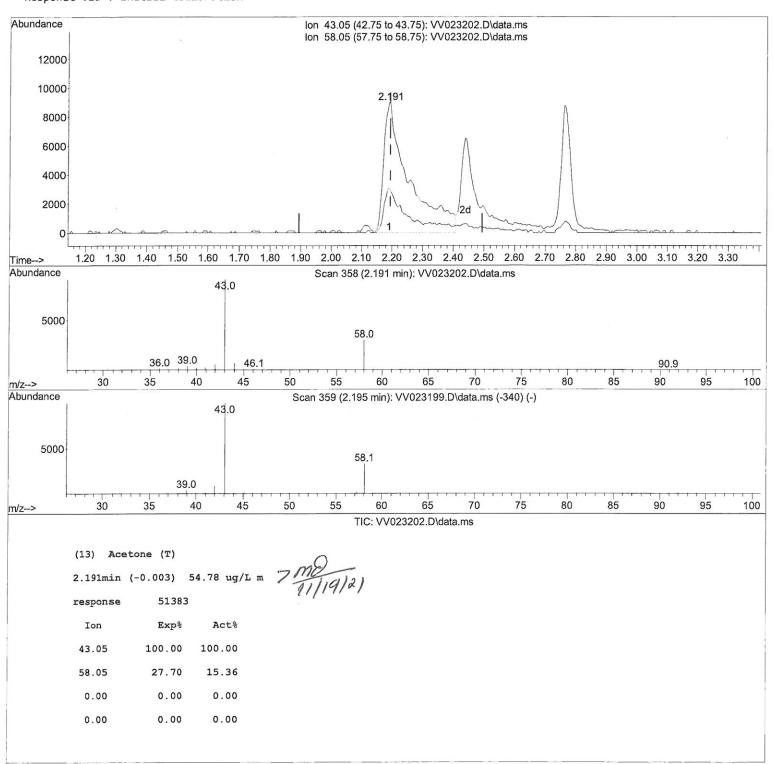
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M

Quant Title : TRACE VOA SFAM1.0

QLast Update : Mon Nov 08 13:19:52 2021 Response via : Initial Calibration Instrument : MSVOA_V ClientSampleId : VICV252

Manual IntegrationsAPPROVED



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\

Data File: VV023202.D

Acq On : 04 Nov 2021 14:22

Operator : SY/MD Sample : VSTDICV005

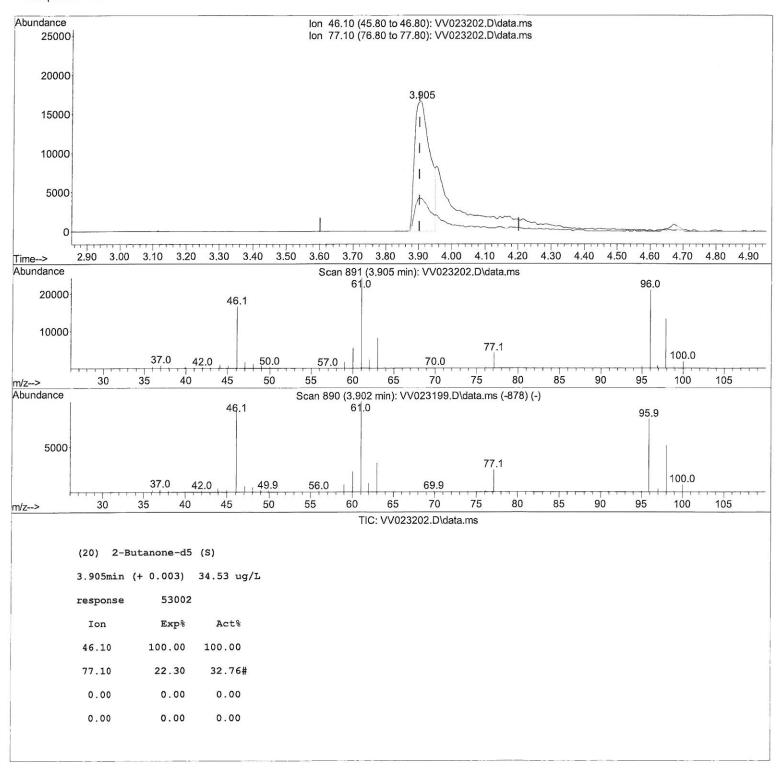
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 01:00:14 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Mon Nov 08 13:19:52 2021 Response via : Initial Calibration Instrument : MSVOA_V ClientSampleId : VICV252

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\

Data File: VV023202.D

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Operator : SY/MD Sample : VSTDICV005

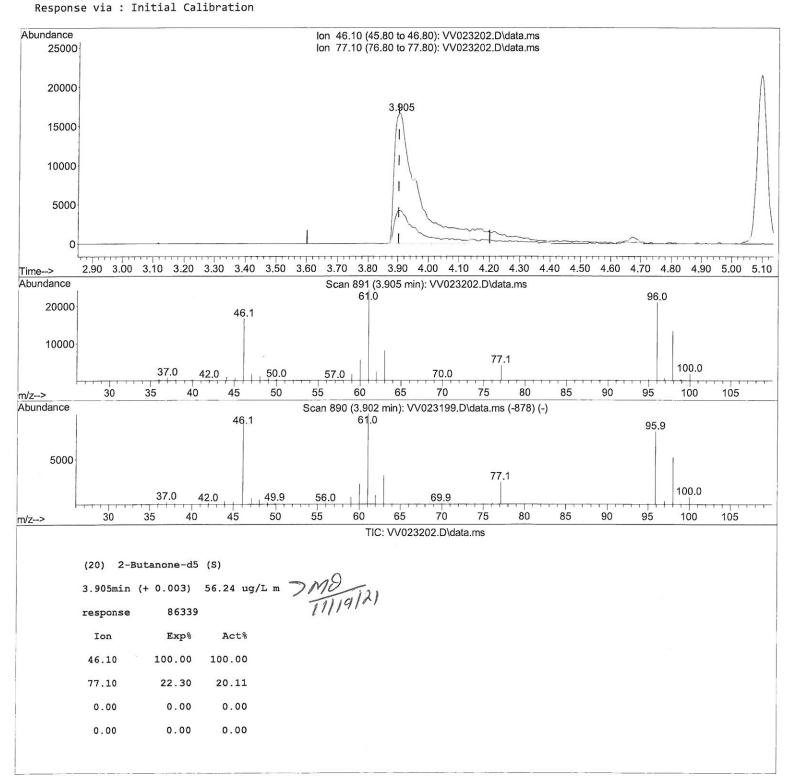
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ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 01:00:14 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Mon Nov 08 13:19:52 2021 Instrument : MSVOA_V ClientSampleId : VICV252

Manual IntegrationsAPPROVED



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\

Data File: VV023202.D

Acq On : 04 Nov 2021 14:22

Operator : SY/MD Sample : VSTDICV005

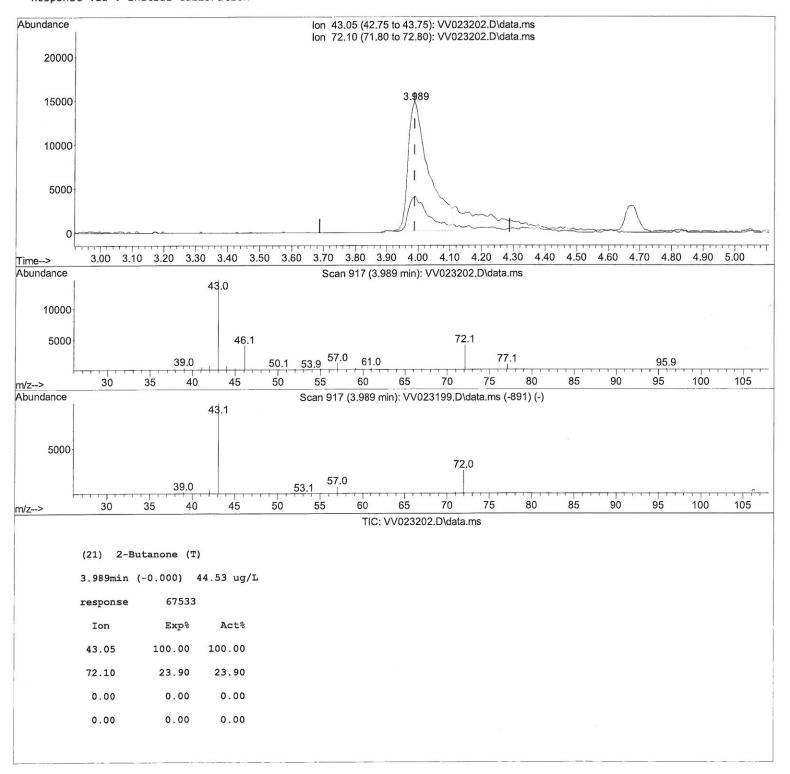
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ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 01:00:14 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Mon Nov 08 13:19:52 2021 Response via : Initial Calibration Instrument : MSVOA_V ClientSampleId : VICV252

Manual Integrations APPROVED



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\

Data File: VV023202.D

Acq On : 04 Nov 2021 14:22

Operator : SY/MD Sample : VSTDICV005

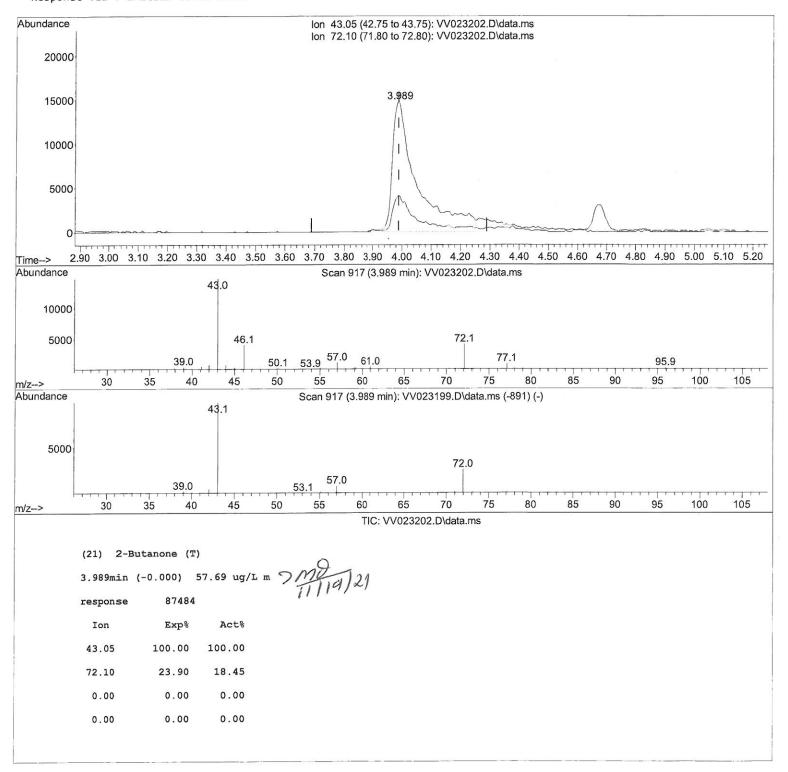
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 01:00:14 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Mon Nov 08 13:19:52 2021 Response via : Initial Calibration Instrument : MSVOA_V ClientSampleId : VICV252

Manual IntegrationsAPPROVED



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\

Data File : VV023202.D

Acq On : 04 Nov 2021 14:22 Operator : SY/MD

Sample : VSTDICV005
Misc : 5.0mL/MSVOA_V/WATER ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 01:00:14 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Mon Nov 08 13:19:52 2021 Response via : Initial Calibration

Instrument : MSVOA_V ClientSampleId : VICV252

Manual IntegrationsAPPROVED

Internal Standards 1) 1,4-Difluorobenzene	Compound	R.T.			Conc Units Dev(Min)
1) 1,4-Difilurobenzene-ds	Internal Standards					
28) Cfilorobenzene-ds		5 616	11/	1/12230	5 000 110/1	9 99
System Monitoring Compounds 11.249 152 75255 5.000 ug/L 0.00					•	
System Monitoring Compounds 4) Vinyl Chloride-d3 Spiked Amount 5.000 7) Chloroethane-d5 Spiked Amount 5.000 7) Chloroethane-d2 Spiked Amount 5.000 7) Chloroethane-d2 Spiked Amount 5.000 7) Chloroform-d Spiked Amount 5.000 7) Chloroform-d Spiked Amount 5.000 7) Chloroform-d Spiked Amount 5.000 7) Chloroethane-d4 Spiked Amount 5.000 8) Chloroethane-d5 Spiked Amount 5.000 Spiked Spiked Amount 5.000 Spiked						
A) Vinyl Chloride-d3 Spiked Amount 5.000 Range 40 - 130 Recovery = 101.600% Spiked Amount 5.000 Range 65 - 130 Recovery = 101.600% Recovery = 100.6000% Recovery = 101.600% Recovery = 101.6000% Recovery = 101.	38) 1,4-Dichiol obelizelle-u4	11.247	172	75255	3.000 dg/ E	0.00
A) Vinyl Chloride-d3 Spiked Amount 5.000 Range 40 - 130 Recovery = 101.600% Spiked Amount 5.000 Range 65 - 130 Recovery = 101.600% Recovery = 100.6000% Recovery = 101.600% Recovery = 101.6000% Recovery = 101.	System Monitoring Compounds					
Spiked Amount		1.301	65	45269	5.081 ug/L	0.00
7) Chloroethane-d5 Spiked Amount 5.000 Range 65 - 130 Recovery = 102.800% 11) 1,1-Dichloroethene-d2 Spiked Amount 5.000 Range 65 - 130 Recovery = 100.600% Spiked Amount 5.000 Recovery = 100.600% Spiked Amount 5.000 Recovery = 100.600% Spiked Amount 5.000 Range 70 - 125 Recovery = 111.480% 24) Chloroform-d Spiked Amount 5.000 Range 70 - 125 Recovery = 111.480% Recovery = 112.480% Recovery = 112.480% Recovery = 112.480% Recovery = 112.480% Recovery = 101.600% Recovery = 110.600% Recovery = 101.600% Reco						
Spiked Amount	· ·	3.5				0.00
11) 1,1-Dichloroethene-d2	기에 있는 바로 보고 있었다면 보고 하면 있었다. 그리고 보고 있는 것이 되었다면 되었다면 하는 것이 되었다면 보고 있다면 보고 있다면 보고 있다면 보고 있다.	Range 65	- 130	Recove		
Spiked Amount S.000 Range 60 125 Recovery = 100.600% Spiked Amount S0.000 Range 40 130 Recovery = 112.480% 0.00 Spiked Amount S.000 Range 40 130 Recovery = 112.480% 0.00 Spiked Amount S.000 Range 70 125 Recovery = 101.600% Range 70 125 Recovery = 101.600% Range 70 125 Recovery = 101.600% Range 70 130 Recovery = 104.800% Range 70 130 Recovery = 104.800% Range 70 130 Recovery = 104.800% Range 70 130 Recovery = 107.600% Range 70 130 Recovery = 107.600% Range 70 130 Recovery = 105.000% Range 70 130 Recovery = 109.200% Range 70 130 Recovery = 110.600% Range 70 130 Recovery = 110.400%				83906	5.030 ug/L	0.00
24) Chloroform-d		Range 60	- 125	Recove	ry = 100.600%	- mA
24) Chloroform-d	20) 2-Butanone-d5	3.905	46	86339m	56.245 ug/L	0.002 1119 121
24) Chloroform-d	Spiked Amount 50.000	Range 40	- 130	Recove	ry = 112.480%	-9/11
26) 1,2-Dichloroethane-d4		4.346	84	96548	5.084 ug/L	0.00
Spiked Amount 5.000 Range 70 - 130 Recovery = 104.800%	Spiked Amount 5.000	Range 70	- 125	Recove	ry = 101.600%	
32) Benzene-d6 Spiked Amount 5.000 Range 70 - 125 Recovery = 107.600% Spiked Amount 5.000 Range 60 - 140 Recovery = 105.000% 178820 5.457 ug/L 0.00 Recovery = 109.200% A1) Toluene-d8 7.313 98 178820 5.457 ug/L 0.00 Spiked Amount 5.000 Range 70 - 130 Recovery = 109.200% A3) trans-1,3-Dichloroprop 7.622 79 Spiked Amount 5.000 Range 55 - 130 Recovery = 1109.200% A6) 2-Hexanone-d5 8.008 Range 65 - 130 Recovery = 1104.000% Spiked Amount 5.000 Range 70 - 130 Recovery = 110.4000% A6) 2-Hexanone-d5 8.008 Range 45 - 130 Recovery = 1112.600% Spiked Amount 50.000 Range 45 - 130 Recovery = 112.600% Spiked Amount 50.000 Range 85 - 120 Recovery = 101.600% Spiked Amount 5.000 Range 80 - 120 Recovery = 101.600% Spiked Amount 5.000 Range 80 - 120 Recovery = 101.600% Spiked Amount 5.000 Range 80 - 120 Recovery = 105.200% Target Compounds 2) Dichlorodifluoromethane 1.127 85 69318 4.998 ug/L 99 3) Chloromethane 1.236 50 586604 4.970 ug/L 97 5) Vinyl chloride 1.307 62 58017 4.927 ug/L 99 6) Bromomethane 1.519 94 38030 5.052 ug/L 98 8) Chloroethane 1.519 94 38030 5.052 ug/L 98 8) Chloroethane 1.510 48696 4.915 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 11,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 99 15) Methyl tent-butyl Ether 2.767 73 96884 5.189 ug/L 99 16) Methyl tent-butyl Ether 2.767 73 96884 5.189 ug/L 99 19) 1,1-Dichloroethene 2.757 96 52440 5.029 ug/L 98 11) 1,1-Dichloroethene 3.188 63 89744 5.098 ug/L 99 19) 1,1-Dichloroethene 3.188 63 89744 5.098 ug/L 98 11) 1-Dichloroethene 3.188 63 89744 5.098 ug/L 99 19) 1,1-Dichloroethene 3.988 96 52293 5.211 ug/L # 88	26) 1,2-Dichloroethane-d4	5.034	65			
Spiked Amount 5.000 Range 70 - 125 Recovery = 107.600%	Spiked Amount 5.000	Range 70	- 130	Recove	ry = 104.800%	
36) 1,2-Dichloropropane-d6		5.047	84			
Spiked Amount 5.000 Range 60 - 140 Recovery = 105.000%	Spiked Amount 5.000	Range 70	- 125			
41) Toluene-d8 Spiked Amount 5.000 Range 70 - 130 Recovery = 109.200% 43) trans-1,3-Dichloroprop 7.622 79 21540 5.518 ug/L 0.00 Spiked Amount 5.000 Range 55 - 130 Recovery = 110.400% 46) 2-Hexanone-d5 8.088 8.088 63 80859 56.304 ug/L 0.00 Spiked Amount 5.000 Range 45 - 130 Recovery = 110.400% 56) 1,1,2,2-Tetrachloroeth 10.217 84 37608 5.080 ug/L 0.00 Spiked Amount 5.000 Range 65 - 120 Recovery = 101.600% 66) 1,2-Dichlorobenzene-d4 11.625 152 65951 5.263 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 105.200% Target Compounds 2) Dichlorodifluoromethane 1.127 85 69318 4.998 ug/L 99 3) Chloromethane 1.367 62 58017 4.927 ug/L 99 3) Chloromethane 1.519 94 38030 5.052 ug/L 98 8) Chloroethane 1.519 94 38030 5.052 ug/L 98 9) Trichlorofluoromethane 1.550 64 33808 4.975 ug/L 98 9) Trichlorofluoromethane 1.751 101 86969 4.915 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.191 43 51383m 54.781 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 19) 1,1-Dichloroethene 2.563 84 52463 4.239 ug/L 99 19) 1,1-Dichloroethene 2.757 96 52440 5.029 ug/L 99 19) 1,1-Dichloroethene 3.988 96 52293 5.211 ug/L # 88 ////4/2)	36) 1,2-Dichloropropane-d6	6.069	67			
Spiked Amount 5.000 Range 70 - 130 Recovery = 109.200%	Spiked Amount 5.000	Range 60	- 140	Recove	5)	
43) trans-1,3-Dichloroprop 7.622 79 21540 5.518 ug/L 0.00 Spiked Amount 5.000 Range 55 - 130 Recovery = 110.400% 46) 2-Hexanone-d5 8.088 63 80859 56.304 ug/L 0.00 Spiked Amount 50.000 Range 45 - 130 Recovery = 112.600% 56) 1,1,2,2-Tetrachloroeth 10.217 84 37608 5.080 ug/L 0.00 Spiked Amount 5.000 Range 65 - 120 Recovery = 101.600% 66) 1,2-Dichlorobenzene-d4 11.625 152 65951 5.263 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 105.200% Target Compounds	41) Toluene-d8				A PROPERTY CANDELLY THE CONTROL OF THE PROPERTY OF THE PARTY OF THE PA	
Spiked Amount 5.000 Range 55 130 Recovery = 110.400%	Spiked Amount 5.000	Range 70	- 130			
46) 2-Hexanone-d5	43) trans-1,3-Dichloroprop			21540		
Spiked Amount 50.000 Range 45 - 130 Recovery = 112.600% 56) 1,1,2,2-Tetrachloroeth 10.217 84 37608 5.080 ug/L 0.00 Spiked Amount 5.000 Range 65 - 120 Recovery = 101.600% 66) 1,2-Dichlorobenzene-d4 11.625 152 65951 5.263 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 105.200% Target Compounds 2) Dichlorodifluoromethane 1.127 85 69318 4.998 ug/L 99 3) Chloromethane 1.236 50 58604 4.970 ug/L 97 5) Vinyl chloride 1.307 62 58017 4.927 ug/L 99 6) Bromomethane 1.519 94 38830 5.052 ug/L 98 8) Chloroethane 1.580 64 33808 4.975 ug/L 98 9) Trichlorofluoromethane 1.751 101 86969 4.915 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 99 14) Carbon disulfide 2.291 76 159987 4.998 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 96 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 98 11) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 12) 2-Butanone 3.989 43 87484m 57.689 ug/L 98 12) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88					•	
Spiked Amount 5.000 Range 65 - 120 Recovery = 101.600%	1 Control Communication and the description of the control of the					
Spiked Amount 5.000 Range 65 - 120 Recovery = 101.600% 66) 1,2-Dichlorobenzene-d4 11.625 152 65951 5.263 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 105.200% Target Compounds 2) Dichlorodifluoromethane 1.127 85 69318 4.998 ug/L 99 3) Chloromethane 1.236 50 58604 4.970 ug/L 97 5) Vinyl chloride 1.307 62 58017 4.927 ug/L 99 6) Bromomethane 1.519 94 38030 5.052 ug/L 98 8) Chloroethane 1.580 64 33808 4.975 ug/L 98 9) Trichlorofluoromethane 1.751 101 86969 4.915 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 99 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 98 21) 12-Butanone 3.989 96 52293 5.211 ug/L # 88					The same of the sa	
66) 1,2-Dichlorobenzene-d4 11.625 152 65951 5.263 ug/L 0.00 Spiked Amount 5.000 Range 80 - 120 Recovery = 105.200% Target Compounds 2) Dichlorodifluoromethane 1.127 85 69318 4.998 ug/L 99 3) Chloromethane 1.236 50 58604 4.970 ug/L 97 5) Vinyl chloride 1.307 62 58017 4.927 ug/L 99 6) Bromomethane 1.519 94 38030 5.052 ug/L 98 8) Chloroethane 1.580 64 33808 4.975 ug/L 98 9) Trichlorofluoromethane 1.751 101 86969 4.915 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 99 14) Carbon disulfide 2.291 76 159987 4.998 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 99 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 99 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 98 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88						
Target Compounds						
Target Compounds						
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2) Dichlorodifluoromethane 1.127 85 69318 4.998 ug/L 99 3) Chloromethane 1.236 50 58604 4.970 ug/L 97 5) Vinyl chloride 1.307 62 58017 4.927 ug/L 99 6) Bromomethane 1.519 94 38030 5.052 ug/L 98 8) Chloroethane 1.580 64 33808 4.975 ug/L 98 9) Trichlorofluoromethane 1.751 101 86969 4.915 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 96 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 99 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88	Target Compounds				0va	lue
3) Chloromethane 1.236 50 58604 4.970 ug/L 5) Vinyl chloride 1.307 62 58017 4.927 ug/L 99 6) Bromomethane 1.519 94 38030 5.052 ug/L 8) Chloroethane 1.580 64 33808 4.975 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 10) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 13) Acetone 1.391 43 51383m 54.781 ug/L 14) Carbon disulfide 2.291 76 159987 4.998 ug/L 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 16) Methylene chloride 2.503 84 52463 4.239 ug/L 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88		1.127	85	69318		
5) Vinyl chloride 1.307 62 58017 4.927 ug/L 99 6) Bromomethane 1.519 94 38030 5.052 ug/L 98 8) Chloroethane 1.580 64 33808 4.975 ug/L 98 9) Trichlorofluoromethane 1.751 101 86969 4.915 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 99 14) Carbon disulfide 2.291 76 159987 4.998 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 96 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 99 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 20 cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88						97
6) Bromomethane 1.519 94 38030 5.052 ug/L 8) Chloroethane 1.580 64 33808 4.975 ug/L 9) Trichlorofluoromethane 1.751 101 86969 4.915 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 13) Acetone 2.191 43 51383m 54.781 ug/L 14) Carbon disulfide 2.291 76 159987 4.998 ug/L 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 16) Methylene chloride 2.503 84 52463 4.239 ug/L 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88			62	58017	4.927 ug/L	99
9) Trichlorofluoromethane 1.751 101 86969 4.915 ug/L 99 10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 14) Carbon disulfide 2.291 76 159987 4.998 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 99 16) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 17) Methyl tert-butyl Ether 2.757 96 52440 5.029 ug/L 18) trans-1,2-Dichloroethene 1.751 101 86969 4.915 ug/L 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88		1.519	94	38030	5.052 ug/L	98
10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 14) Carbon disulfide 2.291 76 159987 4.998 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 96 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 99 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 20 cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88		1.580	64	33808	4.975 ug/L	98
10) 1,1,2-Trichloro-1,2,2 2.114 101 44334 4.977 ug/L 98 12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 13) Acetone 2.191 43 51383m 54.781 ug/L 14) Carbon disulfide 2.291 76 159987 4.998 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 96 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 99 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 20 cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88	9) Trichlorofluoromethane	1.751	101	86969	4.915 ug/L	99
12) 1,1-Dichloroethene 2.114 96 42001 4.952 ug/L 95 1383 Acetone 2.191 43 51383 54.781 ug/L 14) Carbon disulfide 2.291 76 159987 4.998 ug/L 99 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 96 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 99 19,1-Dichloroethane 3.188 63 89744 5.098 ug/L 99 19,1-Dichloroethane 3.989 43 87484m 57.689 ug/L 20) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88		2.114	101	44334	4.977 ug/L	98
13) Acetone 2.191 43 51383m 54.781 ug/L 99 1/1/19/2 1 15987 4.998 ug/L 99 1/1/19/2 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 96 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 99 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 99 1,1-Dichloroethane 3.989 43 87484m 57.689 ug/L 20) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88 1/1/19/2/1			96	42001	4.952 ug/L	95 ms
14) Carbon disulfide 2.291 76 139987 4.998 ug/L 15) Methyl Acetate 2.439 43 11646 4.387 ug/L 16) Methylene chloride 2.503 84 52463 4.239 ug/L 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88		2,191	43	51383m	54.781 ug/L	11/19/21
15) Methyl Acetate 2.439 43 11646 4.387 ug/L 99 16) Methylene chloride 2.503 84 52463 4.239 ug/L 94 17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 96 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 99 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88		2.291	76	159987	4.998 ug/L	99 /////
17) Methyl tert-butyl Ether 2.767 73 96884 5.189 ug/L 96 18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 99 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88		2.439	43	11646		
18) trans-1,2-Dichloroethene 2.757 96 52440 5.029 ug/L 99 19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88				52463		
19) 1,1-Dichloroethane 3.188 63 89744 5.098 ug/L 98 21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88			73			
21) 2-Butanone 3.989 43 87484m 57.689 ug/L 22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88			96			
22) cis-1,2-Dichloroethene 3.908 96 52293 5.211 ug/L # 88 1///4/2/	1 (c) [1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1					98
	(6)					7/1/21
23) Bromochloromethane 4.246 128 23042 4.980 ug/L # 82						
	23) Bromochloromethane	4.246	128	23042	4.980 ug/L #	82

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110421\

Data File : VV023202.D

Acq On : 04 Nov 2021 14:22 Operator : SY/MD

Sample : VSTDICV005

: 5.0mL/MSVOA_V/WATER Misc ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 09 01:00:14 2021

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M

Quant Title : TRACE VOA SFAM1.0 QLast Update : Mon Nov 08 13:19:52 2021 Response via : Initial Calibration

Instrument : MSVOA_V ClientSampleId : VICV252

Manual IntegrationsAPPROVED

	Compound	R.T.	QIon	Response	Conc Un	its De	v(Min)			
25)	Chloroform	4.375	83	92411	4.925	ug/L	98			
	1,2-Dichloroethane	5.130	62	51086	5.118	0	95			
	1,1,1-Trichloroethane	4.606	97	84809	5.124	0.	99			
	Cyclohexane	4.674	56	77627	5.234	0.	97			
	Carbon tetrachloride	4.825	117	76881	5.172	0.	96			
,	Benzene	5.098	78	201534	5.291	0.	100			
	Trichloroethene	5.911	95	53271	5.259		97			
	Methylcyclohexane	6.130	83	84893	5.309		95			
	1,2-Dichloropropane	6.172	63	46464	5.225	ug/L	97			
0.0000000000	Bromodichloromethane	6.510	83	60171	5.049	ug/L	98			
39)	cis-1,3-Dichloropropene	7.027	75	67264	5.259	ug/L	98			
40)	4-Methyl-2-pentanone	7.227	43	229437	55.628	ug/L	98			
42)	Toluene	7.387	91	220093	5.402	ug/L	98			
44)	trans-1,3-Dichloropropene	7.651	75	57623	5.429	ug/L	100			
45)	1,1,2-Trichloroethane	7.841	97	32149	5.031	ug/L	99			
47)	Tetrachloroethene	7.976	164	45404	5.172	ug/L	99			
48)	2-Hexanone	8.140	43	162080	56.081	ug/L	96			
49)	Dibromochloromethane	8.246	129	41784	5.161	ug/L	99			
50)	1,2-Dibromoethane	8.352	107	30605	5.168	ug/L	96			
51)	Chlorobenzene	8.882	112	139416	5.148	ug/L	98			
52)	Ethylbenzene	9.011	91	228524	5.318	ug/L	98			
53)	m,p-xylene	9.140	106	91146	5.405	0.	98			
54)	o-xylene	9.545	106	84661	5.351	0.	99			
55)	Styrene	9.561	104	148372	5.474	0.	100			
	1,1,2,2-Tetrachloroethane	10.242	83	35424	5.060	O.	96			
	Bromoform	9.731	173	22609	5.030	0.	98			
3,500	Isopropylbenzene	9.931	105	229922	5.324		99			
	1,2,3-Trichloropropane	10.275	75	25200	5.041		96			
	1,3,5-Trimethylbenzene	10.538	105	193810	5.413		99			
	1,2,4-Trimethylbenzene	10.914	105	197091	5.530	0.	98			
100000000000000000000000000000000000000	1,3-Dichlorobenzene	11.181	146	117413	5.321	0	98			
	1,4-Dichlorobenzene	11.271	146	116295	5.161	•	100			
	1,2-Dichlorobenzene	11.641	146	101463	5.139		98			
	1,2-Dibromo-3-chloropr	12.429	75	5926	5.564		97			
	1,3,5-Trichlorobenzene	12.644	180	90941	5.264		98			
	1,2,4-trichlorobenzene	13.262	180	73761	5.331		99			
	Naphthalene	13.503	128	106173	5.204		99			
72)	1,2,3-Trichlorobenzene	13.744	180	64941	5.365	ug/L	99			

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