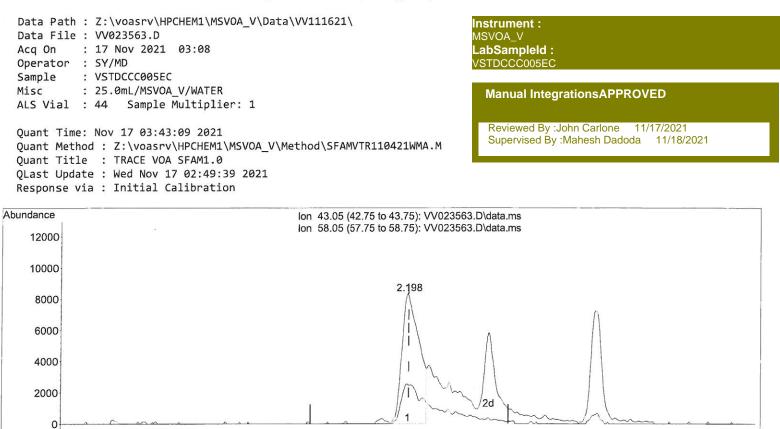
(QT Reviewed)

Data File : Acq On : Operator : Sample :	17 Nov 2021	03:08 C	Instrument : MSVOA_V LabSampleId : VSTDCCC005EC			
ALS Vial :		Multiplier:	1			Manual IntegrationsAPPROVED
Quant Method Quant Title QLast Update	Nov 17 03:4 d : Z:\voasrv : TRACE VO/ e : Wed Nov : a : Initial (	v\HPCHEM1\MS A SFAM1.0 17 02:49:39		hod∖SFAMVTR	110421WMA.	Reviewed By :John Carlone 11/17/2021 Supervised By :Mahesh Dadoda 11/18/2021
Abundance 4400001				TIC:	VV023563.D\	data.ms
420000						
400000						
380000-	hane,T				o-xylene,T	ne.T Te,T
360000	rifluoroet				o-xyl	y/benzer ,
340000	<del>.1 Dieh</del> loro¢)h <b>ଣ୍ଡରିକ୍ୟାଆଡି</b> ଖ୍ୟେଶ୍ୱୋର୍ଥ୍ୟୁମ୍ମିମ୍ମାuoroethane,T			one,T	T <del>Styrene, T o</del> -xyle Isooroovlbenzene, T	1.3.5-Trimethylbenzene.T 1.2.4-Trimethylbenzene.T pbenzene-d4,J ef7.S
320000	₽¥EHI(2)(9)			2-pentano	nzene,T St	1.3. 1.2.) beaned 7.
300000	₩oro¢ţħ			-Methyl-2	5,1 -xylene,1	1.3.5- 1.2.4- 1.2.4- 1.2.4- BiteliciteReterbeerzeneeit robenzene
280000	4 <del>1</del> 1-			Toluene,T	ChlorobeRitistretisene-d5.1 m.p-Xylene,T S	1.3.5-Trimethyl 1.2.4-Trimethyl 1.3.5-Trichlorobenzened;7.5 1.3.5-Trichlorobenzene
260000	_			S.	ଔଧାରମହ	1 T Ú
240000	bethene,			Loluene-d8,S exanone,T	Chlorobe	E S
220000	hane,T መትልሳኒያ-BitblioToethene,T		T,ər	Toluene-d8 hioroethene T		1.3. 1.2.4-trichlorobenzene,T richlorobenzene,T
200000	ethane, T	මාල. <del>(</del> ර, S	nzene,l yclohexar	achloroet		1,2,3-Trichloroben.
	Trichlorofluoromethane,T ide,T ia,T Methyl ttamiedd	เต้อเรือยthene,T เวา.S ฟูโฮกเซิงนี้ne,T ภี่มีต่อ, <u>T Disthin</u> crosthane <del>ชิยู่มูร</del> ียุ	1,4-Difluorobenzene,I Trichloroethene,T 1.2-Dichtengogatoparke,T Methylcyclohexane,T odichloromethane,T	2.Tetzad		r r
180000 180000 1600000 1600000	Trichlou ulfide, T ride, T	hene,T kđne,T <del>shlar</del> oeth	1,4-C loroethen pane,T			ο. Ν
140000	ne	2-destataeDebtados ethene, T an Ballener form, 21, S LL 1-Trichlorget (Baller, T arbon tetrachloride, T setharre, T 1-2 Distributo	Trich Chicopan Shoropan Sthane, T	cis-1,3-Dichloropropene,T 814-8406:hloropropene,T 1,1,2-Trichloroethane,T ppochloromethane,T		Naphthalene
년- 연합 120000 북동	ArS Methy oethane,	2.dBetta,29DBetata Ethan Battlenenforman- 1.1.1.1.Trichloreget Carbon tetrachlori oroethame, T	Trich 1.2-Dict/DignBrgggg	3-Dichlor Dichloro ,2-Trichlc orometh		Naphi
140000 120000 120000 120000 100000 1000000	Retearia 2,1,5 Cart Methyle 1,1-Dichloroethane, T	2.46s.tta. 2.46s.tta. 2.41.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	1. Bromod	cis-1, (Papeare; J		1.2.3114.642.789981809446444644-42.5
80000	Brooten Brandians			cis-1,3-Dichloropro as 4,3-Dichloropttantarafd&chloroprop 1,1,2-Trichloroett 1,2-Dibromethane,1	form,T	1,2,31 <sup>th</sup>
60000		2-Butanone,		cis-1,3-Dichloropropene,T trans-4,3-Dichloropropene,T 1,1,2-Trichloroethane,T 1,2-Dibromoethane,T	Bromoform,T	1,2-Dibromo-3-chloropropane,T
40000	Acetone.T Methyl Acetate.T	<b>3</b> -Β				12-Did
20000	A					
0			$\frac{1}{10000000000000000000000000000000000$			
Time>	2.00 3.00	4.00 5.00	6.00	7.00 8.00	9.00 10.	00 11.00 12.00 13.00 14.00 15.00 16.00 17.00

.

## Quantitation Report (Qedit)



2.30

58.0

58.0

Scan 360 (2.198 min): VV023563.D\data.ms

Scan 361 (2.201 min): VV023549.D\data.ms (-342) (-)

55.2

TIC: VV023563.D\data.ms

53.0

44 46 48 50 52 54 56

2.40 2.50 2.60 2.70 2.80

64.0

58 60 62 64 66 68 70 72

42 44 46 48 50 52 54 56 58 60 62 64 66 68 70 72 74 76 78 80 82 84

2.90

74.8

74 76 78 80 82 84

3.00

3.10

3.20

1.70 1.80 1.90 2.00 2.10 2.20

46.047.9

1.20

Time--> Abundance

m/z--> Abundance

m/z-->

5000

5000

26

26

1.30

28 30 32 34

28 30 32 34 36

2.198min (-0.003) 34.77 ug/L

30162

Exp%

100.00

27.70

0.00

0.00

(13) Acetone (T)

response

Ion

43.05

58.05

0.00

0.00

1.40

1.50

36

1.60

36.9 39.0 41.0

38 40

39.0 40.9

38 40 42

Act%

100.00

26.90

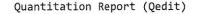
0.00

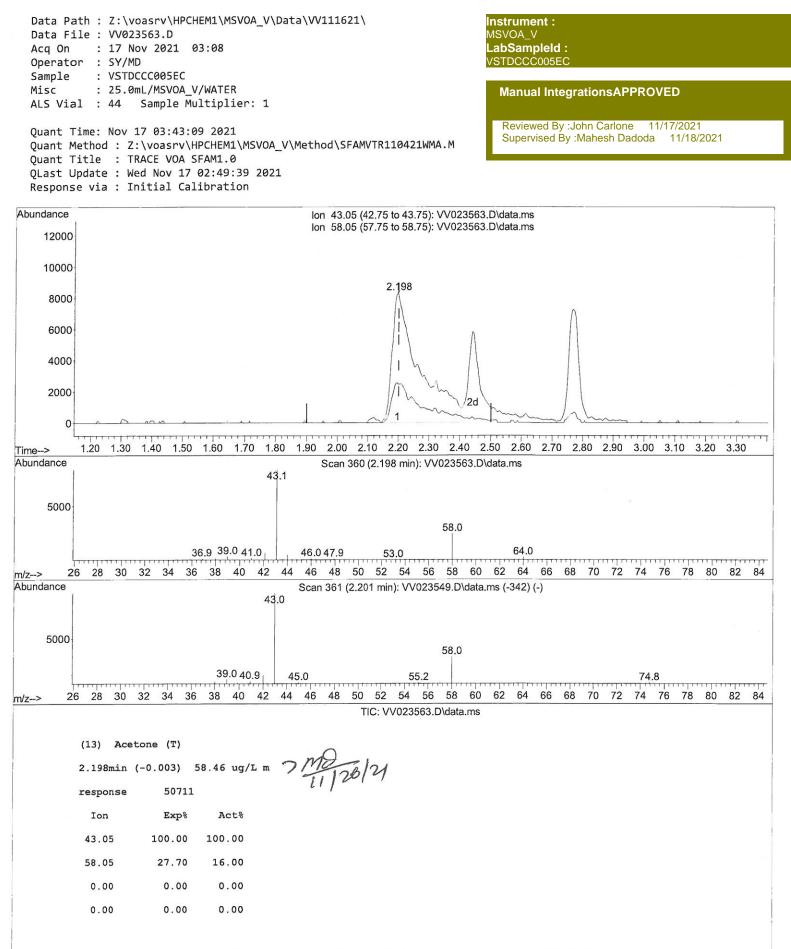
0.00

43.1

43.0

45.0





	21 1910-00-00 1910-00-00			
Data Path : Z:\voasrv\HPCHEM	1\MSVOA_V\Data	Instrument :		
Data File : VV023563.D		MSVOA_V		
Acq On : 17 Nov 2021 03:	08	LabSampleId :		
Operator : SY/MD Sample : VSTDCCC005EC		VSTDCCC005EC		
Misc : 25.0mL/MSVOA V/W	ATER	Menuel Internetions ADDDO//ED		
ALS Vial : 44 Sample Mult:				Manual IntegrationsAPPROVED
Quant Time: Nov 17 03:43:09	2021			Reviewed By : John Carlone 11/17/2021
Quant Method : Z:\voasrv\HPCH	HEM1\MSVOA_V\M	Supervised By :Mahesh Dadoda 11/18/2021		
Quant Title : TRACE VOA SFAM	11.0			
QLast Update : Wed Nov 17 02				
Response via : Initial Calibr	ration			
Compound		n Deenense	Conc Units Dave	(M==)
Compound			Conc Units Dev	
Internal Standards				
1) 1,4-Difluorobenzene	5.619 11	4 131527	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.853 11		5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4			5.000 ug/L	0.00
, ,			ġ.	
System Monitoring Compounds				
<ol><li>4) Vinyl Chloride-d3</li></ol>	1.307 6	5 35982	4.367 ug/L	0.00
Spiked Amount 5.000	Range 40 - 1		y = 87.400%	6
<ol><li>Chloroethane-d5</li></ol>		9 30385	4.525 ug/L	0.00
Spiked Amount 5.000	Range 65 - 1			
11) 1,1-Dichloroethene-d2		3 70906	4.597 ug/L	0.00
Spiked Amount 5.000	Range 60 - 1			
20) 2-Butanone-d5		6 63906	45.019 ug/L	, 0.00
Spiked Amount 50.000 24) Chloroform-d	Range 40 - 1 4.352 8	30 Recover 4 78931	y = 90.040% 4.495 ug/L	0.00
Spiked Amount 5.000	Range 70 - 1			
26) 1,2-Dichloroethane-d4		5 37147	4.704 ug/L	0.00
Spiked Amount 5.000	Range 70 - 1			
32) Benzene-d6	The second se	4 148031	4.496 ug/L	0.00
Spiked Amount 5.000	Range 70 - 1	25 Recover	y = 90.000%	
36) 1,2-Dichloropropane-d6	6.072 6	7 42901	4.426 ug/L	0.00
Spiked Amount 5.000	Range 60 - 1			
41) Toluene-d8		8 143188	4.641 ug/L	0.00
Spiked Amount 5.000	Range 70 - 1		y = 92.800%	
43) trans-1,3-Dichloroprop.	7.625 7 Range 55 - 1	9 16707	4.546 ug/L	0.00
Spiked Amount 5.000 46) 2-Hexanone-d5		63912	y = 91.000%	0.00
Spiked Amount 50.000	Range 45 - 1			
56) 1,1,2,2-Tetrachloroeth.			4.542 ug/L	0.00
Spiked Amount 5.000	Range 65 - 1			
66) 1,2-Dichlorobenzene-d4	11.625 15		4.804 ug/L	0.00
Spiked Amount 5.000	Range 80 - 1	20 Recover	y = 96.000%	
Target Compounds			(A) (20-20) (20-20)	lue
2) Dichlorodifluoromethane	1.130 8		4.191 ug/L	99
3) Chloromethane	1.243 5		4.209 ug/L	97
5) Vinyl chloride 6) Bromomethane	1.310 6 1.523 9		4.433 ug/L 2.682 ug/L	98 99
8) Chloroethane	1.587 6		4.805 ug/L	91
9) Trichlorofluoromethane	1.754 10		4.793 ug/L	97
10) 1,1,2-Trichloro-1,2,2			4.718 ug/L	97
12) 1,1-Dichloroethene	2.121 9		4.597 ug/L	93
13) Acetone	2.198 4		58.464 ug/L	7 Marshad
14) Carbon disulfide	2.297 7	5 122125	4.126 ug/L	99 TI/20/4
15) Methyl Acetate	2.442 4		4.038 ug/L #	87 '
16) Methylene chloride	2.510 8		3.853 ug/L	97
17) Methyl tert-butyl Ether	2.770 7		4.917 ug/L	98
18) trans-1,2-Dichloroethene			4.463 ug/L	94
19) 1,1-Dichloroethane	3.191 6		4.458 ug/L	99
21) 2-Butanone	3.992 4. 3.915 9		40.152 ug/L 4.763 ug/L #	99 86
<ol> <li>22) cis-1,2-Dichloroethene</li> <li>23) Bromochloromethane</li> </ol>	3.915 9 4.252 12		4.671 ug/L #	86 79
25) Bromoentor omeenane	7,272 120			last.

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV111621\ Data File : VV023563.D Acq On : 17 Nov 2021 03:08 Operator : SY/MD Sample : VSTDCCC005EC : 25.0mL/MSVOA\_V/WATER Misc ALS Vial : 44 Sample Multiplier: 1

Instrument : /ISVOA\_V LabSampleId : VSTDCCC005EC

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 11/17/2021 Supervised By :Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 03:43:09 2021 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M Quant Title : TRACE VOA SFAM1.0 QLast Update : Wed Nov 17 02:49:39 2021 Response via : Initial Calibration

R.T. QIon Response Conc Units Dev(Min) Compound 25) Chloroform 4.378 83 79956 4.608 ug/L 96 27) 1,2-Dichloroethane 5.133 62 43794 4.745 ug/L 100 99 4.609 97 73483 4.715 ug/L 29) 1,1,1-Trichloroethane 94 4.431 ug/L 4.680 56 61876 30) Cyclohexane 4.831 117 66156 4.726 ug/L 98 31) Carbon tetrachloride 4.672 ug/L 100 33) Benzene 5.101 78 167575 43417 5.915 95 4.552 ug/L 96 34) Trichloroethene 6.130 83 66676 4.429 ug/L 95 35) Methylcyclohexane 37) 1,2-Dichloropropane 6.175 63 37789 4.513 ug/L 99 38) Bromodichloromethane 6.509 83 53989 4.811 ug/L 98 52234 4.337 ug/L 98 39) cis-1,3-Dichloropropene 7.027 75 7.230 205942 53.031 ug/L 97 40) 4-Methyl-2-pentanone 43 7.387 91 185080 4.824 ug/L 98 42) Toluene 44) trans-1,3-Dichloropropene 7.654 75 45226 4.526 ug/L 99 4.794 ug/L 99 45) 1,1,2-Trichloroethane 7.841 97 28841 7.976 164 4.708 ug/L 97 47) Tetrachloroethene 38915 54.443 ug/L 97 8.143 43 148148 48) 2-Hexanone 8.246 129 49) Dibromochloromethane 36290 4.761 ug/L 100 27463 4.926 ug/L 98 50) 1,2-Dibromoethane 8.355 107 8.882 112 118836 4.660 ug/L 100 51) Chlorobenzene 91 9.011 192385 4.755 ug/L 97 52) Ethylbenzene 53) m,p-xylene 9.140 106 76584 4.823 ug/L 98 72015 4.834 ug/L 93 54) o-xylene 9.545 106 9.561 104 126843 4.970 ug/L 98 55) Styrene 57) 1,1,2,2-Tetrachloroethane 10.242 83 30453 4.620 ug/L 94 59) Bromoform 9.731 173 19430 4.688 ug/L # 98 5.047 ug/L 99 60) Isopropylbenzene 9.931 105 200978 4.908 ug/L 95 61) 1,2,3-Trichloropropane 10.275 75 22623 100 62) 1,3,5-Trimethylbenzene 10.538 105 164619 4.986 ug/L 10.914 105 165482 5.035 ug/L 99 63) 1,2,4-Trimethylbenzene 100727 4.950 ug/L 97 64) 1,3-Dichlorobenzene 11.181 146 96602 11.271 146 4.649 ug/L 98 65) 1,4-Dichlorobenzene 89399 67) 1,2-Dichlorobenzene 11.641 146 4.910 ug/L 99 68) 1,2-Dibromo-3-chloropr... 12.429 75 4816 4.904 ug/L 91 69) 1,3,5-Trichlorobenzene 12.644 180 73118 4.590 ug/L 97 70) 1,2,4-trichlorobenzene 13.262 180 57141 4.479 ug/L 98 13.503 128 81020 4.307 ug/L 99 71) Naphthalene 72) 1,2,3-Trichlorobenzene 13.744 180 51486 4.613 ug/L 100 

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