

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100221\
 Data File : VW022527.D
 Acq On : 02 Oct 2021 22:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050358

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:28:09 PM

Quant Time: Oct 04 02:03:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 01:01:56 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	227793	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	221292	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	121144	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65628	46.584	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.160%
7) Chloroethane-d5	1.568	69	53484	48.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.108	63	140203	50.472	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.940%
21) 2-Butanone-d5	3.892	46	73540m	94.832	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.830%
24) Chloroform-d	4.349	84	120976	47.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.034	65	73029	48.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.820%
32) Benzene-d6	5.050	84	243925	47.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
36) 1,2-Dichloropropane-d6	6.072	67	71994	45.617	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.240%
41) Toluene-d8	7.317	98	232717	49.487	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.980%
43) trans-1,3-Dichloroprop...	7.622	79	35577	47.645	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.300%
47) 2-Hexanone-d5	8.092	63	65634	100.391	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.390%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	106574	48.562	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.120%
66) 1,2-Dichlorobenzene-d4	11.625	152	93986	47.574	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	114745	50.368	ug/L	99
3) Chloromethane	1.240	50	110650	48.844	ug/L	99
5) Vinyl chloride	1.311	62	112453	52.369	ug/L	99
6) Bromomethane	1.523	94	63135	42.111	ug/L	99
8) Chloroethane	1.584	64	66683	50.918	ug/L	100
9) Trichlorofluoromethane	1.751	101	161331	54.702	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	84786	50.785	ug/L	100
12) 1,1-Dichloroethene	2.118	96	81628	51.299	ug/L	94
13) Acetone	2.172	43	89914m	91.787	ug/L	
14) Carbon disulfide	2.291	76	248659	51.732	ug/L	98
15) Methyl Acetate	2.429	43	83920	46.961	ug/L	98
16) Methylene chloride	2.507	84	94983	47.510	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	87455	50.068	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	270471	50.155	ug/L	98
19) 1,1-Dichloroethane	3.188	63	153551	49.681	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	90158	48.449	ug/L	99
22) 2-Butanone	3.976	43	130306m	101.025	ug/L	
23) Bromochloromethane	4.249	128	50747	49.638	ug/L	92
25) Chloroform	4.378	83	163671	52.626	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	114678	50.921	ug/L	97
29) Cyclohexane	4.680	56	130430	50.567	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	142070	51.394	ug/L	100
31) Carbon tetrachloride	4.828	117	127351	52.440	ug/L	98
33) Benzene	5.101	78	342514	50.128	ug/L	100
34) Trichloroethene	5.915	95	91195	51.117	ug/L	99
35) Methylcyclohexane	6.130	83	134568	49.746	ug/L	99
37) 1,2-Dichloropropane	6.175	63	84001	48.017	ug/L	100
38) Bromodichloromethane	6.513	83	115353	50.763	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	129339	49.160	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	250235	101.801	ug/L	100
42) Toluene	7.387	91	373380	51.876	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	123662	48.819	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	89148	49.228	ug/L	99
46) Tetrachloroethene	7.976	164	75918	50.832	ug/L	99
48) 2-Hexanone	8.143	43	198559	105.615	ug/L	98
49) Dibromochloromethane	8.246	129	100764	51.418	ug/L	100
50) 1,2-Dibromoethane	8.355	107	96499	49.493	ug/L	97
51) Chlorobenzene	8.883	112	241298	50.402	ug/L	98
52) Ethylbenzene	9.014	91	388650	51.883	ug/L	99
53) m,p-Xylene	9.140	106	154619	52.097	ug/L	99
54) o-Xylene	9.545	106	151708	52.466	ug/L	99
55) Styrene	9.561	104	266525	53.711	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	138786	49.586	ug/L	99
59) Bromoform	9.731	173	75901	50.670	ug/L	99
60) Isopropylbenzene	9.934	105	393494	51.053	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	112235	48.716	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	330984	51.002	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	339736	52.660	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	196836	50.337	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	197860	48.720	ug/L	99
67) 1,2-Dichlorobenzene	11.645	146	198792	49.746	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	31082	49.241	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	139736	48.094	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	122434	46.861	ug/L	98
71) Naphthalene	13.503	128	432158	50.231	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	135753	50.271	ug/L	98

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

