

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061021\
 Data File : VW021534.D
 Acq On : 10 Jun 2021 10:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050198

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 3:01:51 PM

Quant Time: Jun 11 02:37:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 08 03:17:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	469328	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	438439	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	263217	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	163813	53.014	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.020%			
7) Chloroethane-d5	1.568	69	124556	54.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.380%			
11) 1,1-Dichloroethene-d2	2.108	63	274454	51.980	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.960%			
21) 2-Butanone-d5	3.889	46	234317	105.750	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.750%			
24) Chloroform-d	4.349	84	314966	51.205	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.420%			
26) 1,2-Dichloroethane-d4	5.034	65	178005	50.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.480%			
32) Benzene-d6	5.050	84	628370	51.231	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.460%			
36) 1,2-Dichloropropane-d6	6.069	67	189842	50.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.240%			
41) Toluene-d8	7.316	98	597525	51.134	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.260%			
43) trans-1,3-Dichloroprop...	7.622	79	102128	50.383	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.760%			
47) 2-Hexanone-d5	8.088	63	177669	102.151	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.150%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	264275	50.263	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.520%			
66) 1,2-Dichlorobenzene-d4	11.625	152	268394	49.052	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	163382	50.224	ug/L	98
3) Chloromethane	1.240	50	153016	47.218	ug/L	100
5) Vinyl chloride	1.310	62	167069	50.233	ug/L	99
6) Bromomethane	1.523	94	107338	47.124	ug/L	99
8) Chloroethane	1.584	64	99080	52.395	ug/L	99
9) Trichlorofluoromethane	1.751	101	254237	51.535	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	150770	52.576	ug/L	97
12) 1,1-Dichloroethene	2.117	96	142759	51.828	ug/L	95
13) Acetone	2.185	43	188242m	98.738	ug/L	
14) Carbon disulfide	2.294	76	428294	49.320	ug/L	100
15) Methyl Acetate	2.432	43	168628	51.622	ug/L	99
16) Methylene chloride	2.506	84	174750	50.643	ug/L	95
17) trans-1,2-Dichloroethene	2.760	96	163658	52.078	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	522867	52.484	ug/L	100
19) 1,1-Dichloroethane	3.188	63	283170	50.848	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	185428	52.741	ug/L	96
22) 2-Butanone	3.973	43	252297	104.467	ug/L	96
23) Bromochloromethane	4.249	128	103820	53.318	ug/L	94
25) Chloroform	4.375	83	300023	52.061	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	206535	51.876	ug/L	98
29) Cyclohexane	4.677	56	251100	49.160	ug/L	97
30) 1,1,1-Trichloroethane	4.609	97	281806	52.068	ug/L	99
31) Carbon tetrachloride	4.828	117	259271	52.768	ug/L	99
33) Benzene	5.101	78	643098	51.247	ug/L	100
34) Trichloroethene	5.915	95	178449	52.315	ug/L	97
35) Methylcyclohexane	6.133	83	273000	49.857	ug/L	98
37) 1,2-Dichloropropane	6.175	63	164616	51.448	ug/L	100
38) Bromodichloromethane	6.509	83	232039	51.681	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	271197	50.413	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	451316	104.029	ug/L	98
42) Toluene	7.387	91	717762	51.559	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	267886	52.639	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	174013	53.585	ug/L	99
46) Tetrachloroethene	7.976	164	167912	53.541	ug/L	98
48) 2-Hexanone	8.140	43	348194	104.647	ug/L	98
49) Dibromochloromethane	8.246	129	219504	53.980	ug/L	99
50) 1,2-Dibromoethane	8.352	107	187995	52.598	ug/L	99
51) Chlorobenzene	8.882	112	487543	52.972	ug/L	98
52) Ethylbenzene	9.014	91	797588	52.162	ug/L	100
53) m,p-Xylene	9.140	106	309400	52.664	ug/L	100
54) o-Xylene	9.545	106	307445	53.001	ug/L	96
55) Styrene	9.561	104	531976	53.285	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	266155	52.505	ug/L	98
59) Bromoform	9.731	173	189179	53.267	ug/L	99
60) Isopropylbenzene	9.931	105	821873	50.389	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	209574	50.673	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	702514	50.031	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	710782	50.110	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	429608	52.146	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	429737	51.665	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	422477	51.214	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	65649	50.953	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	360492	51.869	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	328486	52.905	ug/L	98
71) Naphthalene	13.503	128	892332	52.103	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	322491	53.361	ug/L	98

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

