

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020568.D
 Acq On : 12 Mar 2021 16:51
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV62

Quant Time: Mar 13 02:18:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:57:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	504552	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	500205	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	249128	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	206152	50.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.30%
7) Chloroethane-d5	1.571	69	165866	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.88%
11) 1,1-Dichloroethene-d2	2.111	63	387081	50.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.06%
21) 2-Butanone-d5	3.892	46	289192	110.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.71%
24) Chloroform-d	4.352	84	352952	49.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.78%
26) 1,2-Dichloroethane-d4	5.034	65	239984	51.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.84%
32) Benzene-d6	5.053	84	702990	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.072	67	230976	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.48%
41) Toluene-d8	7.317	98	628033	51.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.26%
43) trans-1,3-Dichloroprop...	7.622	79	110745	53.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.18%
47) 2-Hexanone-d5	8.092	63	189560	114.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.58%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	292924	53.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.02%
64) 1,2-Dichlorobenzene-d4	11.632	152	238110	49.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.66%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	200818	48.21	ug/L	98
3) Chloromethane	1.243	50	243724	50.58	ug/L	100
5) Vinyl chloride	1.314	62	241813	50.05	ug/L	99
6) Bromomethane	1.526	94	141900	49.86	ug/L	95
8) Chloroethane	1.587	64	142279	48.53	ug/L	99
9) Trichlorofluoromethane	1.754	101	314772	48.89	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	165478	47.14	ug/L	97
12) 1,1-Dichloroethene	2.121	96	169041	49.63	ug/L	87
13) Acetone	2.188	43	200662	94.05	ug/L	98
14) Carbon disulfide	2.298	76	523430	50.68	ug/L	100
15) Methyl Acetate	2.436	43	227118	55.58	ug/L	96
16) Methylene chloride	2.510	84	195648	49.57	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	179003	49.20	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	575126	51.97	ug/L	100
19) 1,1-Dichloroethane	3.191	63	349816	50.39	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	193196	51.43	ug/L #	99
22) 2-Butanone	3.976	43	307975	104.36	ug/L	94
23) Bromochloromethane	4.249	128	96303	51.38	ug/L	98
25) Chloroform	4.378	83	360955	49.78	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	279029	48.71	ug/L	99
29) Cyclohexane	4.680	56	303200	49.49	ug/L	100
30) 1,1,1-Trichloroethane	4.613	97	301231	49.83	ug/L	99
31) Carbon tetrachloride	4.831	117	242769	49.43	ug/L	99
33) Benzene	5.101	78	770404	51.04	ug/L	100
34) Trichloroethene	5.915	95	206163	48.41	ug/L	99
35) Methylcyclohexane	6.133	83	289138	49.40	ug/L	100
37) 1,2-Dichloropropane	6.178	63	202442	51.37	ug/L	100
38) Bromodichloromethane	6.513	83	261482	50.39	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	297158	50.84	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	637715	107.60	ug/L	97
42) Toluene	7.391	91	795277	50.48	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	298866	52.01	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	184295	50.19	ug/L	99
46) Tetrachloroethene	7.979	164	133564	48.88	ug/L	97
48) 2-Hexanone	8.143	43	491235	106.11	ug/L	98
49) Dibromochloromethane	8.249	129	189443	49.55	ug/L	97
50) 1,2-Dibromoethane	8.355	107	199151	50.64	ug/L	98
51) Chlorobenzene	8.886	112	496924	48.76	ug/L	99
52) Ethylbenzene	9.014	91	888904	49.84	ug/L	100
53) m,p-Xylene	9.143	106	329947	50.65	ug/L	97
54) o-xylene	9.548	106	318765	50.55	ug/L	98
55) Styrene	9.564	104	571932	51.94	ug/L	96
56) Isopropylbenzene	9.937	105	857382	50.25	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	288302	52.86	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	250202	50.10	ug/L	97
61) Bromoform	9.735	173	126007	51.03	ug/L	97
62) 1,3-Dichlorobenzene	11.185	146	393903	49.79	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	392127	47.49	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	393216	49.93	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	63551	53.44	ug/L	96
67) 1,3,5-Trichlorobenzene	12.651	180	274833	48.78	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	243394	49.76	ug/L	99
69) Naphthalene	13.509	128	845739	53.18	ug/L	99
70) 1,2,3-Trichlorobenzene	13.751	180	249210	51.40	ug/L	98

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

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