

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021621\
 Data File : VW020330.D
 Acq On : 16 Feb 2021 10:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05097

Quant Time: Feb 17 00:08:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 00:32:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	602075	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	585043	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	325057	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	239120	54.47	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 108.94%			
7) Chloroethane-d5	1.568	69	195791	54.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.72%			
11) 1,1-Dichloroethene-d2	2.108	63	439256	52.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.88%			
21) 2-Butanone-d5	3.880	46	252726	103.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.05%			
24) Chloroform-d	4.349	84	412929	52.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.72%			
26) 1,2-Dichloroethane-d4	5.034	65	268137	54.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.30%			
32) Benzene-d6	5.050	84	818807	54.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.04%			
36) 1,2-Dichloropropane-d6	6.069	67	247308	54.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.30%			
41) Toluene-d8	7.317	98	778014	54.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.24%			
43) trans-1,3-Dichloroprop...	7.622	79	122679	53.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.36%			
47) 2-Hexanone-d5	8.088	63	187328	99.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.51%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	338532	52.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.20%			
64) 1,2-Dichlorobenzene-d4	11.632	152	322326	52.41	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.82%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	263222	49.17	ug/L	99
3) Chloromethane	1.243	50	228121	47.94	ug/L	100
5) Vinyl chloride	1.311	62	256541	50.07	ug/L	99
6) Bromomethane	1.523	94	164436	51.35	ug/L	97
8) Chloroethane	1.584	64	165846	51.75	ug/L	99
9) Trichlorofluoromethane	1.754	101	369763	50.78	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	210818	54.40	ug/L	92
12) 1,1-Dichloroethene	2.118	96	195339	52.30	ug/L	87
13) Acetone	2.172	43	176463	101.93	ug/L	95
14) Carbon disulfide	2.294	76	525837	47.77	ug/L	100
15) Methyl Acetate	2.429	43	185935	50.48	ug/L #	90
16) Methylene chloride	2.507	84	212094	51.84	ug/L	88
17) trans-1,2-Dichloroethene	2.761	96	199500	51.52	ug/L	93
18) Methyl tert-butyl Ether	2.767	73	608184	51.72	ug/L	96
19) 1,1-Dichloroethane	3.188	63	367935	52.31	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	218046	52.36	ug/L	88
22) 2-Butanone	3.963	43	260773	105.92	ug/L	95
23) Bromochloromethane	4.246	128	116607	51.78	ug/L #	81
25) Chloroform	4.375	83	396900	53.89	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	305261	52.35	ug/L	97
29) Cyclohexane	4.677	56	302125	50.94	ug/L	91
30) 1,1,1-Trichloroethane	4.609	97	337872	52.01	ug/L	97
31) Carbon tetrachloride	4.828	117	288459	51.06	ug/L	98
33) Benzene	5.098	78	826128	52.81	ug/L	100
34) Trichloroethene	5.915	95	225304	52.41	ug/L	95
35) Methylcyclohexane	6.133	83	333761	51.28	ug/L	92
37) 1,2-Dichloropropane	6.175	63	212499	53.63	ug/L	98
38) Bromodichloromethane	6.510	83	284637	52.26	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	333495	53.15	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	520609	104.20	ug/L #	94
42) Toluene	7.387	91	904392	52.56	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	325906	53.41	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	213204	52.28	ug/L	98
46) Tetrachloroethene	7.979	164	180474	51.38	ug/L	95
48) 2-Hexanone	8.140	43	392439	102.67	ug/L #	91
49) Dibromochloromethane	8.249	129	229190	50.93	ug/L	99
50) 1,2-Dibromoethane	8.355	107	226175	51.78	ug/L #	97
51) Chlorobenzene	8.883	112	597458	51.76	ug/L	97
52) Ethylbenzene	9.014	91	1005527	52.91	ug/L	99
53) m,p-Xylene	9.140	106	379720	52.47	ug/L	96
54) o-xylene	9.548	106	371195	52.69	ug/L	95
55) Styrene	9.564	104	660862	54.51	ug/L	95
56) Isopropylbenzene	9.934	105	1003976	53.11	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	327286	50.94	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	271186	51.04	ug/L	99
61) Bromoform	9.735	173	162291	49.07	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	498447	51.84	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	514915	52.22	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	499672	52.05	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	69615	47.27	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.651	180	400931	53.40	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	358106	53.75	ug/L	97
69) Naphthalene	13.509	128	1044492	54.75	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	356395	53.73	ug/L	97

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

