

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031821\
 Data File : VW020665.D
 Acq On : 18 Mar 2021 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Mar 19 03:55:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 01:14:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	419957	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	419322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	217680	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	140572	41.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.00%		
7) Chloroethane-d5	1.571	69	113542	41.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.78%		
11) 1,1-Dichloroethene-d2	2.111	63	273794	42.52	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.04%		
21) 2-Butanone-d5	3.892	46	234067	107.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	107.66%		
24) Chloroform-d	4.349	84	284476	48.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.62%		
26) 1,2-Dichloroethane-d4	5.034	65	189771	48.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.70%		
32) Benzene-d6	5.050	84	544552	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.00%		
36) 1,2-Dichloropropane-d6	6.072	67	180229	48.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.24%		
41) Toluene-d8	7.317	98	492106	47.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.58%		
43) trans-1,3-Dichloroprop...	7.622	79	86743	50.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.14%		
47) 2-Hexanone-d5	8.091	63	150727	108.68	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	108.68%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	242175	52.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.56%		
64) 1,2-Dichlorobenzene-d4	11.628	152	200615	47.56	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	172323	49.70	ug/L	99
3) Chloromethane	1.243	50	203862	50.83	ug/L	98
5) Vinyl chloride	1.314	62	193709	48.17	ug/L	100
6) Bromomethane	1.523	94	111558	47.09	ug/L	93
8) Chloroethane	1.587	64	113832	46.65	ug/L	97
9) Trichlorofluoromethane	1.754	101	267392	49.90	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	144122	49.32	ug/L	97
12) 1,1-Dichloroethene	2.121	96	133545	47.11	ug/L	81
13) Acetone	2.188	43	230945	130.05	ug/L	100
14) Carbon disulfide	2.294	76	423270	49.24	ug/L	99
15) Methyl Acetate	2.436	43	178339	52.43	ug/L	99
16) Methylene chloride	2.506	84	163780	49.86	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	149664	49.42	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	463984	50.38	ug/L	99
19) 1,1-Dichloroethane	3.191	63	291820	50.50	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	164141	52.50	ug/L	96
22) 2-Butanone	3.976	43	287505	117.05	ug/L	94
23) Bromochloromethane	4.249	128	82389	52.81	ug/L	98
25) Chloroform	4.375	83	306198	50.73	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031821\
 Data File : VW020665.D
 Acq On : 18 Mar 2021 10:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Mar 19 03:55:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 18 01:14:23 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	240226	50.39	ug/L	97
29) Cyclohexane	4.680	56	260800	50.78	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	254366	50.19	ug/L	99
31) Carbon tetrachloride	4.831	117	213780	51.92	ug/L	97
33) Benzene	5.101	78	646834	51.12	ug/L	100
34) Trichloroethene	5.915	95	177119	49.62	ug/L	99
35) Methylcyclohexane	6.133	83	260044	53.00	ug/L	99
37) 1,2-Dichloropropane	6.175	63	171297	51.85	ug/L #	93
38) Bromodichloromethane	6.513	83	218922	50.33	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	243477	49.69	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	513877	103.43	ug/L	97
42) Toluene	7.391	91	688019	52.09	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	249095	51.71	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	161223	52.37	ug/L	98
46) Tetrachloroethene	7.979	164	119750	52.28	ug/L	96
48) 2-Hexanone	8.140	43	419777	108.17	ug/L	99
49) Dibromochloromethane	8.249	129	164992	51.48	ug/L	97
50) 1,2-Dibromoethane	8.355	107	166804	50.60	ug/L	99
51) Chlorobenzene	8.886	112	437157	51.17	ug/L	99
52) Ethylbenzene	9.014	91	774771	51.82	ug/L	100
53) m,p-Xylene	9.143	106	284837	52.16	ug/L	99
54) o-xylene	9.548	106	281373	53.23	ug/L	97
55) Styrene	9.564	104	490712	53.16	ug/L	97
56) Isopropylbenzene	9.937	105	754852	52.78	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	241479	52.82	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	211384	50.49	ug/L	99
61) Bromoform	9.734	173	109471	50.74	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	350271	50.67	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	355882	49.32	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	349864	50.84	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.432	75	51665	49.72	ug/L	97
67) 1,3,5-Trichlorobenzene	12.651	180	248610	50.50	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	216579	50.67	ug/L	97
69) Naphthalene	13.509	128	696201	50.10	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	217234	51.27	ug/L	99

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

