

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031521\
 Data File : VW020616.D
 Acq On : 15 Mar 2021 19:51
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Quant Time: Mar 16 03:54:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 16 03:42:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	452635	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	452670	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	229364	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	165826	45.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.84%		
7) Chloroethane-d5	1.571	69	135752	46.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.94%		
11) 1,1-Dichloroethene-d2	2.111	63	321012	46.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.50%		
21) 2-Butanone-d5	3.892	46	262204	111.89	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.89%		
24) Chloroform-d	4.352	84	312371	49.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.44%		
26) 1,2-Dichloroethane-d4	5.034	65	210389	50.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.50%		
32) Benzene-d6	5.053	84	620097	49.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.16%		
36) 1,2-Dichloropropane-d6	6.072	67	201426	50.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.68%		
41) Toluene-d8	7.316	98	551916	49.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.30%		
43) trans-1,3-Dichloroprop...	7.625	79	92939	49.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.40%		
47) 2-Hexanone-d5	8.091	63	166066	110.92	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	110.92%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	266284	53.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.50%		
64) 1,2-Dichlorobenzene-d4	11.631	152	217930	49.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	186429	49.89	ug/L	98
3) Chloromethane	1.243	50	226999	52.51	ug/L	99
5) Vinyl chloride	1.314	62	218524	50.42	ug/L	99
6) Bromomethane	1.526	94	124572	48.79	ug/L	98
8) Chloroethane	1.587	64	127940	48.65	ug/L	100
9) Trichlorofluoromethane	1.754	101	288214	49.90	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	152405	48.39	ug/L	96
12) 1,1-Dichloroethene	2.121	96	149126	48.80	ug/L	81
13) Acetone	2.185	43	181275	94.71	ug/L	98
14) Carbon disulfide	2.297	76	460252	49.68	ug/L	100
15) Methyl Acetate	2.436	43	200558	54.71	ug/L	96
16) Methylene chloride	2.510	84	179217	50.62	ug/L	100
17) trans-1,2-Dichloroethene	2.764	96	162815	49.88	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	508021	51.18	ug/L	98
19) 1,1-Dichloroethane	3.191	63	318123	51.08	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	175860	52.19	ug/L #	97
22) 2-Butanone	3.976	43	280077	105.79	ug/L	93
23) Bromochloromethane	4.252	128	87833	52.24	ug/L	97
25) Chloroform	4.378	83	334384	51.40	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	263917	51.36	ug/L	99
29) Cyclohexane	4.680	56	281036	50.69	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	270955	49.53	ug/L	99
31) Carbon tetrachloride	4.831	117	221497	49.83	ug/L	99
33) Benzene	5.101	78	707088	51.77	ug/L	100
34) Trichloroethene	5.918	95	190260	49.37	ug/L	98
35) Methylcyclohexane	6.133	83	261839	49.43	ug/L	97
37) 1,2-Dichloropropane	6.178	63	186576	52.32	ug/L	99
38) Bromodichloromethane	6.513	83	234609	49.96	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	257352	48.65	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	570042	106.28	ug/L	97
42) Toluene	7.390	91	741188	51.98	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	267984	51.54	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	174878	52.62	ug/L	99
46) Tetrachloroethene	7.979	164	125144	50.61	ug/L	98
48) 2-Hexanone	8.143	43	432134	103.15	ug/L	98
49) Dibromochloromethane	8.249	129	171212	49.48	ug/L	99
50) 1,2-Dibromoethane	8.355	107	178965	50.29	ug/L	99
51) Chlorobenzene	8.886	112	457009	49.55	ug/L	99
52) Ethylbenzene	9.017	91	832692	51.59	ug/L	100
53) m,p-Xylene	9.143	106	298965	50.72	ug/L	100
54) o-xylene	9.548	106	293911	51.51	ug/L	97
55) Styrene	9.564	104	523701	52.56	ug/L	97
56) Isopropylbenzene	9.937	105	800236	51.83	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	262111	53.11	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	226877	50.20	ug/L	99
61) Bromoform	9.734	173	110711	48.70	ug/L	96
62) 1,3-Dichlorobenzene	11.185	146	364286	50.01	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	378298	49.76	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	365743	50.44	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	55708	50.88	ug/L	93
67) 1,3,5-Trichlorobenzene	12.651	180	254907	49.14	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	224382	49.83	ug/L	99
69) Naphthalene	13.509	128	740082	50.54	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	222148	49.76	ug/L	99

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

