

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031921\
 Data File : VW020686.D
 Acq On : 19 Mar 2021 12:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05085

Quant Time: Mar 22 14:32:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 00:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	428526	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	424961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	227455	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	173103	50.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.16%			
7) Chloroethane-d5	1.571	69	124656	45.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.16%			
11) 1,1-Dichloroethene-d2	2.111	63	294401	44.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.62%			
21) 2-Butanone-d5	3.899	46	220695	99.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.48%			
24) Chloroform-d	4.352	84	294773	49.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.12%			
26) 1,2-Dichloroethane-d4	5.034	65	194818	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
32) Benzene-d6	5.053	84	560826	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.52%			
36) 1,2-Dichloropropane-d6	6.072	67	178661	47.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 95.12%			
41) Toluene-d8	7.317	98	525362	50.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.68%			
43) trans-1,3-Dichloroprop...	7.622	79	90346	51.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.92%			
47) 2-Hexanone-d5	8.092	63	155009	110.29	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 110.29%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	259606	55.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.60%			
64) 1,2-Dichlorobenzene-d4	11.632	152	208075	47.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.42%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	187444	52.98	ug/L	99
3) Chloromethane	1.243	50	204898	50.06	ug/L	99
5) Vinyl chloride	1.314	62	198475	48.37	ug/L	100
6) Bromomethane	1.526	94	104274	43.14	ug/L	96
8) Chloroethane	1.587	64	109199	43.86	ug/L	98
9) Trichlorofluoromethane	1.754	101	268409	49.09	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	140125	47.00	ug/L	96
12) 1,1-Dichloroethene	2.121	96	124431	43.01	ug/L	91
13) Acetone	2.191	43	191749	105.82	ug/L	97
14) Carbon disulfide	2.298	76	409339	46.67	ug/L	99
15) Methyl Acetate	2.439	43	176935	50.98	ug/L	98
16) Methylene chloride	2.510	84	162031	48.34	ug/L	97
17) trans-1,2-Dichloroethene	2.764	96	149351	48.33	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	469570	49.96	ug/L	99
19) 1,1-Dichloroethane	3.191	63	282832	47.97	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	161199	50.53	ug/L #	89
22) 2-Butanone	3.979	43	262954	104.91	ug/L	93
23) Bromochloromethane	4.252	128	82837	52.04	ug/L	97
25) Chloroform	4.378	83	291185	47.28	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	236330	48.58	ug/L	99
29) Cyclohexane	4.680	56	250851	48.20	ug/L	98
30) 1,1,1-Trichloroethane	4.613	97	258437	50.32	ug/L	99
31) Carbon tetrachloride	4.831	117	219760	52.66	ug/L	98
33) Benzene	5.101	78	633778	49.43	ug/L	100
34) Trichloroethene	5.918	95	162011	44.78	ug/L	99
35) Methylcyclohexane	6.133	83	248318	49.94	ug/L	99
37) 1,2-Dichloropropane	6.178	63	166540	49.74	ug/L	99
38) Bromodichloromethane	6.513	83	221659	50.28	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	252172	50.78	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	516300	102.53	ug/L	98
42) Toluene	7.391	91	691237	51.64	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	256822	52.61	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	162667	52.14	ug/L	97
46) Tetrachloroethene	7.979	164	126278	54.40	ug/L	96
48) 2-Hexanone	8.143	43	405735	103.16	ug/L	99
49) Dibromochloromethane	8.249	129	171074	52.67	ug/L	100
50) 1,2-Dibromoethane	8.355	107	169155	50.63	ug/L	98
51) Chlorobenzene	8.886	112	434732	50.21	ug/L	99
52) Ethylbenzene	9.014	91	772062	50.95	ug/L	100
53) m,p-Xylene	9.143	106	288797	52.19	ug/L	95
54) o-xylene	9.548	106	276699	51.65	ug/L	100
55) Styrene	9.564	104	507699	54.27	ug/L	96
56) Isopropylbenzene	9.937	105	749646	51.72	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	277378	59.87	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	219683	51.78	ug/L	99
61) Bromoform	9.735	173	115683	51.32	ug/L	100
62) 1,3-Dichlorobenzene	11.185	146	364609	50.48	ug/L	95
63) 1,4-Dichlorobenzene	11.278	146	367243	48.71	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	356223	49.54	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	59257	54.58	ug/L	93
67) 1,3,5-Trichlorobenzene	12.651	180	263158	51.16	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	235317	52.69	ug/L	98
69) Naphthalene	13.509	128	792291	54.56	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	235611	53.22	ug/L	99

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

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