

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031921\
 Data File : VW020685.D
 Acq On : 19 Mar 2021 12:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05084

Quant Time: Mar 22 14:31:43 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	380503	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	379997	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	203371	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	194846	63.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery	= 126.96%		
7) Chloroethane-d5	1.568	69	138702	56.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery	= 112.96%		
11) 1,1-Dichloroethene-d2	2.108	63	324276	55.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 111.16%		
21) 2-Butanone-d5	3.889	46	242552	123.13	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery	= 123.13%		
24) Chloroform-d	4.349	84	330974	62.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 124.08%		
26) 1,2-Dichloroethane-d4	5.034	65	214127	60.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 121.66%		
32) Benzene-d6	5.050	84	626548	59.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery	= 119.36%		
36) 1,2-Dichloropropane-d6	6.072	67	201430	59.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery	= 119.94%		
41) Toluene-d8	7.317	98	585171	62.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 125.42%#		
43) trans-1,3-Dichloroprop...	7.622	79	97165	61.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery	= 123.78%		
47) 2-Hexanone-d5	8.088	63	169052	134.51	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery	= 134.51%#		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	287755	68.55	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery	= 137.10%#		
64) 1,2-Dichlorobenzene-d4	11.628	152	226100	57.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery	= 114.76%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	192074	61.14	ug/L	100
3) Chloromethane	1.243	50	203022	55.86	ug/L	99
5) Vinyl chloride	1.314	62	194070	53.26	ug/L	99
6) Bromomethane	1.523	94	103837	48.38	ug/L	97
8) Chloroethane	1.587	64	107167	48.47	ug/L	100
9) Trichlorofluoromethane	1.751	101	273352	56.30	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	140899	53.22	ug/L	93
12) 1,1-Dichloroethene	2.117	96	126152	49.11	ug/L	99
13) Acetone	2.182	43	191926	119.28	ug/L	98
14) Carbon disulfide	2.294	76	414587	53.23	ug/L	99
15) Methyl Acetate	2.436	43	178629	57.97	ug/L	99
16) Methylene chloride	2.506	84	163492	54.93	ug/L	97
17) trans-1,2-Dichloroethene	2.760	96	152536	55.59	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	468585	56.15	ug/L	100
19) 1,1-Dichloroethane	3.191	63	287710	54.95	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	163471	57.71	ug/L #	92
22) 2-Butanone	3.973	43	253903	114.08	ug/L	99
23) Bromochloromethane	4.249	128	82214	58.17	ug/L	96
25) Chloroform	4.375	83	296844	54.28	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	238308	55.17	ug/L	100
29) Cyclohexane	4.677	56	260000	55.87	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	262925	57.25	ug/L	98
31) Carbon tetrachloride	4.828	117	216626	58.06	ug/L	98
33) Benzene	5.101	78	642980	56.08	ug/L	100
34) Trichloroethene	5.915	95	158004	48.84	ug/L	96
35) Methylcyclohexane	6.133	83	260966	58.69	ug/L	99
37) 1,2-Dichloropropane	6.175	63	169076	56.48	ug/L	100
38) Bromodichloromethane	6.513	83	223993	56.82	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	249256	56.13	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	506773	112.55	ug/L	98
42) Toluene	7.390	91	693017	57.90	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	260816	59.75	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	159726	57.26	ug/L	99
46) Tetrachloroethene	7.979	164	125443	60.44	ug/L	96
48) 2-Hexanone	8.140	43	406477	115.58	ug/L	98
49) Dibromochloromethane	8.249	129	170865	58.83	ug/L	96
50) 1,2-Dibromoethane	8.355	107	171505	57.41	ug/L	99
51) Chlorobenzene	8.882	112	435917	56.30	ug/L	98
52) Ethylbenzene	9.014	91	763432	56.34	ug/L	99
53) m,p-Xylene	9.140	106	285942	57.79	ug/L	98
54) o-xylene	9.548	106	277915	58.02	ug/L	96
55) Styrene	9.564	104	502698	60.10	ug/L	95
56) Isopropylbenzene	9.934	105	764479	58.98	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	280580	67.72	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	215700	56.86	ug/L	99
61) Bromoform	9.734	173	118663	58.87	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	360294	55.79	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	368331	54.64	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	358403	55.75	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	58513	60.27	ug/L	88
67) 1,3,5-Trichlorobenzene	12.651	180	263327	57.25	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	232842	58.31	ug/L	98
69) Naphthalene	13.509	128	794422	61.19	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	236814	59.83	ug/L	99

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

