

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031621\
 Data File : VW020644.D
 Acq On : 16 Mar 2021 20:33
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Mar 17 01:55:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 17 01:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	441072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	442831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	229121	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	155324	43.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.32%		
7) Chloroethane-d5	1.571	69	121815	42.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.60%		
11) 1,1-Dichloroethene-d2	2.111	63	297063	43.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.84%		
21) 2-Butanone-d5	3.889	46	262054	114.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.76%		
24) Chloroform-d	4.352	84	295937	47.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.70%		
26) 1,2-Dichloroethane-d4	5.034	65	198355	48.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.22%		
32) Benzene-d6	5.053	84	571077	46.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.34%		
36) 1,2-Dichloropropane-d6	6.072	67	189263	48.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.70%		
41) Toluene-d8	7.317	98	518643	47.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.40%		
43) trans-1,3-Dichloroprop...	7.622	79	88756	48.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.02%		
47) 2-Hexanone-d5	8.091	63	170602	116.49	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	116.49%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	260209	53.19	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.38%		
64) 1,2-Dichlorobenzene-d4	11.628	152	206484	46.51	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.02%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	166586	45.75	ug/L	98
3) Chloromethane	1.243	50	214351	50.88	ug/L	100
5) Vinyl chloride	1.314	62	208389	49.34	ug/L	99
6) Bromomethane	1.526	94	118045	47.44	ug/L	98
8) Chloroethane	1.587	64	120262	46.93	ug/L	97
9) Trichlorofluoromethane	1.754	101	273863	48.66	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	139560	45.48	ug/L	98
12) 1,1-Dichloroethene	2.121	96	138689	46.58	ug/L	87
13) Acetone	2.182	43	183591	98.43	ug/L	99
14) Carbon disulfide	2.298	76	431642	47.81	ug/L	100
15) Methyl Acetate	2.436	43	206481	57.80	ug/L	95
16) Methylene chloride	2.510	84	174489	50.58	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	152549	47.96	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	488132	50.46	ug/L	99
19) 1,1-Dichloroethane	3.195	63	306508	50.50	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	169757	51.70	ug/L #	98
22) 2-Butanone	3.973	43	291848	113.13	ug/L	93
23) Bromochloromethane	4.252	128	84309	51.46	ug/L	95
25) Chloroform	4.378	83	321693	50.75	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	248401	49.61	ug/L	99
29) Cyclohexane	4.683	56	260547	48.04	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	265626	49.63	ug/L	99
31) Carbon tetrachloride	4.831	117	218013	50.14	ug/L	97
33) Benzene	5.104	78	683532	51.16	ug/L	100
34) Trichloroethene	5.918	95	183002	48.54	ug/L	98
35) Methylcyclohexane	6.133	83	243858	47.06	ug/L	98
37) 1,2-Dichloropropane	6.178	63	178613	51.20	ug/L	100
38) Bromodichloromethane	6.513	83	224602	48.89	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	257725	49.80	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	586619	111.80	ug/L	96
42) Toluene	7.391	91	714759	51.24	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	252657	49.67	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	168861	51.94	ug/L	98
46) Tetrachloroethene	7.979	164	120419	49.78	ug/L	98
48) 2-Hexanone	8.143	43	456809	111.46	ug/L	98
49) Dibromochloromethane	8.249	129	168314	49.73	ug/L	97
50) 1,2-Dibromoethane	8.355	107	178802	51.36	ug/L	98
51) Chlorobenzene	8.886	112	455877	50.53	ug/L	99
52) Ethylbenzene	9.018	91	791116	50.10	ug/L	98
53) m,p-Xylene	9.143	106	294860	51.13	ug/L	96
54) o-xylene	9.548	106	285632	51.17	ug/L	97
55) Styrene	9.564	104	514892	52.82	ug/L	94
56) Isopropylbenzene	9.937	105	772197	51.12	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	259143	53.67	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	232228	52.53	ug/L	100
61) Bromoform	9.735	173	112249	49.43	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	354582	48.73	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	358147	47.16	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	357205	49.32	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	57633	52.70	ug/L	96
67) 1,3,5-Trichlorobenzene	12.651	180	247722	47.81	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	215578	47.92	ug/L	97
69) Naphthalene	13.509	128	734048	50.18	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	221703	49.72	ug/L	98

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

