

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW021002.D
 Acq On : 13 Apr 2021 16:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Apr 14 03:46:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM041321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 03:24:48 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	521855	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	509492	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	298291	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	138695	46.56	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	93.12%	
7) Chloroethane-d5	1.571	69	109737	47.09	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	94.18%	
11) 1,1-Dichloroethene-d2	2.111	63	307104	48.11	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	96.22%	
21) 2-Butanone-d5	3.902	46	185802	104.60	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	104.60%	
24) Chloroform-d	4.355	84	350960	46.72	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.44%	
26) 1,2-Dichloroethane-d4	5.037	65	235311	48.19	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.38%	
32) Benzene-d6	5.053	84	626741	50.28	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.56%	
36) 1,2-Dichloropropane-d6	6.075	67	174757	48.80	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	97.60%	
41) Toluene-d8	7.320	98	635282	49.79	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	99.58%	
43) trans-1,3-Dichloroprop...	7.625	79	109469	49.74	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	99.48%	
47) 2-Hexanone-d5	8.095	63	151944	101.66	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.66%	
57) 1,1,2,2-Tetrachloroeth...	10.220	84	270327	48.31	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	96.62%	
64) 1,2-Dichlorobenzene-d4	11.631	152	297369	49.17	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	98.34%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.133	85	219253	48.36	ug/L	99
3) Chloromethane	1.243	50	140911	43.07	ug/L	98
5) Vinyl chloride	1.314	62	159999	48.10	ug/L	94
6) Bromomethane	1.526	94	114996	55.72	ug/L	98
8) Chloroethane	1.590	64	108068	44.33	ug/L	99
9) Trichlorofluoromethane	1.754	101	375788	49.21	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	180147	48.01	ug/L	99
12) 1,1-Dichloroethene	2.121	96	161459	49.56	ug/L	96
13) Acetone	2.195	43	148057	92.24	ug/L	99
14) Carbon disulfide	2.297	76	446416	47.28	ug/L	100
15) Methyl Acetate	2.442	43	134216	50.03	ug/L	100
16) Methylene chloride	2.510	84	172675	48.61	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	170209	47.68	ug/L	95
18) Methyl tert-butyl Ether	2.773	73	547171	50.20	ug/L	99
19) 1,1-Dichloroethane	3.194	63	295910	48.71	ug/L	97
20) cis-1,2-Dichloroethene	3.915	96	184613	48.77	ug/L	96
22) 2-Butanone	3.982	43	196751	98.72	ug/L	94
23) Bromochloromethane	4.252	128	108516	48.36	ug/L	95
25) Chloroform	4.381	83	367469	49.55	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	281568	48.10	ug/L	97
29) Cyclohexane	4.680	56	244706	52.59	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	356668	49.41	ug/L	98
31) Carbon tetrachloride	4.831	117	332023	48.83	ug/L	100
33) Benzene	5.104	78	671707	50.34	ug/L	100
34) Trichloroethene	5.918	95	191362	49.35	ug/L	95
35) Methylcyclohexane	6.133	83	292888	51.02	ug/L	100
37) 1,2-Dichloropropane	6.178	63	158449	49.75	ug/L	100
38) Bromodichloromethane	6.513	83	273290	49.18	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	293394	53.55	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	384509	102.88	ug/L	100
42) Toluene	7.390	91	782952	50.56	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	289496	49.61	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	184617	50.38	ug/L	99
46) Tetrachloroethene	7.979	164	184371	48.14	ug/L	98
48) 2-Hexanone	8.143	43	293789	98.45	ug/L	99
49) Dibromochloromethane	8.249	129	246355	49.30	ug/L	97
50) 1,2-Dibromoethane	8.355	107	203311	49.39	ug/L	100
51) Chlorobenzene	8.886	112	531876	49.29	ug/L	98
52) Ethylbenzene	9.017	91	893489	50.47	ug/L	100
53) m,p-Xylene	9.143	106	348691	50.39	ug/L	100
54) o-xylene	9.548	106	343302	52.01	ug/L	96
55) Styrene	9.564	104	583722	52.11	ug/L	99
56) Isopropylbenzene	9.937	105	944242	51.50	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	282565	48.48	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	227951	48.85	ug/L	99
61) Bromoform	9.734	173	192807	48.43	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	473689	49.19	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	485796	49.02	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	481521	49.70	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	71279	48.57	ug/L	94
67) 1,3,5-Trichlorobenzene	12.651	180	385744	48.66	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	313650	47.59	ug/L	98
69) Naphthalene	13.509	128	887685	51.06	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	334495	50.67	ug/L	98

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

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