

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030121\
 Data File : VW020426.D
 Acq On : 01 Mar 2021 16:27
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050171

Quant Time: Mar 02 00:18:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 02 00:15:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	553867	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	545026	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	314303	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	126254	46.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.14%			
7) Chloroethane-d5	1.568	69	119523	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.60%			
11) 1,1-Dichloroethene-d2	2.111	63	274670	48.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.14%			
21) 2-Butanone-d5	3.886	46	220345	106.79	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.79%			
24) Chloroform-d	4.352	84	321862	51.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.72%			
26) 1,2-Dichloroethane-d4	5.034	65	203138	51.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.62%			
32) Benzene-d6	5.053	84	613907	51.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.40%			
36) 1,2-Dichloropropane-d6	6.072	67	191018	51.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.78%			
41) Toluene-d8	7.320	98	600143	53.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.04%			
43) trans-1,3-Dichloroprop...	7.625	79	95394	53.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.40%			
47) 2-Hexanone-d5	8.092	63	165936	112.63	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.63%			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	280714	53.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 106.52%			
66) 1,2-Dichlorobenzene-d4	11.632	152	281539	51.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.54%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	226585	50.20	ug/L	99
3) Chloromethane	1.243	50	200509	51.67	ug/L	100
5) Vinyl chloride	1.311	62	217631	51.68	ug/L	100
6) Bromomethane	1.523	94	143956	52.17	ug/L	99
8) Chloroethane	1.584	64	127384	49.60	ug/L	95
9) Trichlorofluoromethane	1.751	101	320356	50.94	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	172706	50.15	ug/L	96
12) 1,1-Dichloroethene	2.118	96	167673	52.15	ug/L	97
13) Acetone	2.179	43	143711	94.63	ug/L	95
14) Carbon disulfide	2.294	76	430062	51.18	ug/L	100
15) Methyl Acetate	2.433	43	163074	51.51	ug/L	97
16) Methylene chloride	2.507	84	189539	51.89	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	175857	52.45	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	528555	52.25	ug/L	98
19) 1,1-Dichloroethane	3.191	63	317381	51.93	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	195733	52.69	ug/L	92
22) 2-Butanone	3.970	43	230088	106.76	ug/L	96
23) Bromochloromethane	4.249	128	109800	54.78	ug/L	88
25) Chloroform	4.378	83	349954	52.30	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	259132	52.25	ug/L	99
29) Cyclohexane	4.680	56	241408	49.85	ug/L	93
30) 1,1,1-Trichloroethane	4.609	97	298271	52.05	ug/L	98
31) Carbon tetrachloride	4.831	117	258216	51.76	ug/L	99
33) Benzene	5.101	78	728135	53.22	ug/L	100
34) Trichloroethene	5.915	95	208084	52.31	ug/L	97
35) Methylcyclohexane	6.133	83	267485	50.20	ug/L	97
37) 1,2-Dichloropropane	6.175	63	186019	53.40	ug/L	98
38) Bromodichloromethane	6.513	83	249632	52.27	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	282483	53.36	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	459920	106.82	ug/L	94
42) Toluene	7.391	91	806064	53.92	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	276719	53.55	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	196028	53.70	ug/L	99
46) Tetrachloroethene	7.979	164	170410	53.31	ug/L	97
48) 2-Hexanone	8.143	43	358429	107.72	ug/L	95
49) Dibromochloromethane	8.249	129	214707	54.44	ug/L	100
50) 1,2-Dibromoethane	8.355	107	209353	53.93	ug/L	97
51) Chlorobenzene	8.886	112	551195	52.75	ug/L	96
52) Ethylbenzene	9.014	91	886868	53.44	ug/L	98
53) m,p-Xylene	9.143	106	345965	54.53	ug/L	98
54) o-Xylene	9.548	106	338610	54.36	ug/L	97
55) Styrene	9.564	104	603760	56.47	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	288225	53.59	ug/L	99
59) Bromoform	9.738	173	155413	52.81	ug/L	99
60) Isopropylbenzene	9.937	105	898514	52.13	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	246327	49.85	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	754487	53.43	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	784375	54.21	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	469471	51.80	ug/L	98
65) 1,4-Dichlorobenzene	11.278	146	483827	51.35	ug/L	100
67) 1,2-Dichlorobenzene	11.651	146	471858	52.10	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	60759	52.93	ug/L	98
69) 1,3,5-Trichlorobenzene	12.654	180	368940	52.20	ug/L	98
70) 1,2,4-trichlorobenzene	13.268	180	331743	54.06	ug/L	100
71) Naphthalene	13.509	128	972262	57.33	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	340316	55.17	ug/L	100

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

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