

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021521\
 Data File : VW020328.D
 Acq On : 15 Feb 2021 15:37
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05096

Quant Time: Feb 16 00:34:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 00:32:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	621743	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	593797	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	331290	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	252194	55.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.26%			
7) Chloroethane-d5	1.568	69	203548	54.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.46%			
11) 1,1-Dichloroethene-d2	2.111	63	457065	53.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.68%			
21) 2-Butanone-d5	3.886	46	282012	111.36	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 111.36%			
24) Chloroform-d	4.352	84	429688	53.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.54%			
26) 1,2-Dichloroethane-d4	5.034	65	280410	54.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.66%			
32) Benzene-d6	5.053	84	861849	56.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.04%			
36) 1,2-Dichloropropane-d6	6.072	67	262486	57.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.30%			
41) Toluene-d8	7.320	98	816482	56.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.94%			
43) trans-1,3-Dichloroprop...	7.625	79	129724	55.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 110.82%			
47) 2-Hexanone-d5	8.091	63	213999	112.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.00%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	359791	54.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.12%			
64) 1,2-Dichlorobenzene-d4	11.632	152	337673	53.87	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	272228	49.24	ug/L	100
3) Chloromethane	1.243	50	241869	49.22	ug/L	98
5) Vinyl chloride	1.310	62	265763	50.23	ug/L	99
6) Bromomethane	1.523	94	170103	51.44	ug/L	97
8) Chloroethane	1.584	64	166795	50.40	ug/L	98
9) Trichlorofluoromethane	1.754	101	377128	50.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	207078	51.75	ug/L	93
12) 1,1-Dichloroethene	2.121	96	196779	51.02	ug/L	80
13) Acetone	2.179	43	194878	109.01	ug/L	95
14) Carbon disulfide	2.294	76	513104	45.14	ug/L	100
15) Methyl Acetate	2.433	43	199009	52.32	ug/L	93
16) Methylene chloride	2.510	84	217176	51.41	ug/L	89
17) trans-1,2-Dichloroethene	2.760	96	202895	50.74	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	631581	52.01	ug/L	96
19) 1,1-Dichloroethane	3.191	63	374948	51.62	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	226948	52.77	ug/L	87
22) 2-Butanone	3.969	43	283156	111.37	ug/L	94
23) Bromochloromethane	4.252	128	119067	51.20	ug/L #	81
25) Chloroform	4.378	83	403389	53.03	ug/L	98

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

27) 1,2-Dichloroethane	5.133	62	315676	52.42	ug/L	97
29) Cyclohexane	4.683	56	312684	51.94	ug/L	91
30) 1,1,1-Trichloroethane	4.612	97	345755	52.44	ug/L	97
31) Carbon tetrachloride	4.831	117	292888	51.08	ug/L	100
33) Benzene	5.101	78	849649	53.51	ug/L	100
34) Trichloroethene	5.918	95	231471	53.05	ug/L	96
35) Methylcyclohexane	6.137	83	339260	51.36	ug/L	93
37) 1,2-Dichloropropane	6.178	63	219105	54.48	ug/L	98
38) Bromodichloromethane	6.513	83	283900	51.36	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	340755	53.51	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	561900	110.81	ug/L #	93
42) Toluene	7.391	91	922467	52.82	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	331015	53.44	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	219797	53.10	ug/L	98
46) Tetrachloroethene	7.979	164	183771	51.54	ug/L	95
48) 2-Hexanone	8.143	43	429592	110.73	ug/L #	92
49) Dibromochloromethane	8.249	129	229377	50.22	ug/L	99
50) 1,2-Dibromoethane	8.355	107	232774	52.50	ug/L #	99
51) Chlorobenzene	8.886	112	614595	52.46	ug/L	97
52) Ethylbenzene	9.017	91	1029043	53.35	ug/L	99
53) m,p-Xylene	9.143	106	395377	53.83	ug/L	93
54) o-xylene	9.548	106	384473	53.77	ug/L	95
55) Styrene	9.564	104	674311	54.80	ug/L	96
56) Isopropylbenzene	9.937	105	1039397	54.17	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.249	83	338843	51.96	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	284647	52.79	ug/L	99
61) Bromoform	9.738	173	162751	48.28	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	506543	51.69	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	520341	51.78	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	505258	51.64	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	73296	48.83	ug/L	82
67) 1,3,5-Trichlorobenzene	12.654	180	396703	51.84	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	360878	53.15	ug/L	97
69) Naphthalene	13.509	128	1098416	56.49	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	358113	52.97	ug/L	98

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

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