

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021121\
 Data File : VW020306.D
 Acq On : 11 Feb 2021 18:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Feb 12 00:29:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 00:25:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	564762	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	548624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	298277	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	163389	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.36%
7) Chloroethane-d5	1.564	69	151101	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.46%
11) 1,1-Dichloroethene-d2	2.108	63	352279	45.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.52%
21) 2-Butanone-d5	3.883	46	231545	100.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.65%
24) Chloroform-d	4.352	84	334691	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	5.034	65	217717	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
32) Benzene-d6	5.053	84	650518	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.072	67	203778	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.320	98	612152	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%
43) trans-1,3-Dichloroprop...	7.625	79	98742	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.30%
47) 2-Hexanone-d5	8.091	63	176716	100.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.10%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	293507	48.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.34%
64) 1,2-Dichlorobenzene-d4	11.632	152	264140	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	238950	47.58	ug/L	99
3) Chloromethane	1.240	50	220932	49.49	ug/L	98
5) Vinyl chloride	1.310	62	242571	50.47	ug/L	100
6) Bromomethane	1.519	94	156961	52.25	ug/L	100
8) Chloroethane	1.581	64	157042	52.24	ug/L	99
9) Trichlorofluoromethane	1.751	101	335501	49.12	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	180585	49.68	ug/L	93
12) 1,1-Dichloroethene	2.117	96	176450	50.37	ug/L	79
13) Acetone	2.172	43	167827	103.35	ug/L	95
14) Carbon disulfide	2.294	76	487734	47.24	ug/L	99
15) Methyl Acetate	2.429	43	178879	51.77	ug/L	93
16) Methylene chloride	2.507	84	197306	51.41	ug/L	89
17) trans-1,2-Dichloroethene	2.761	96	183429	50.50	ug/L	91
18) Methyl tert-butyl Ether	2.767	73	550780	49.93	ug/L	97
19) 1,1-Dichloroethane	3.188	63	336465	50.99	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	200936	51.44	ug/L	88
22) 2-Butanone	3.966	43	241200	104.44	ug/L	94
23) Bromochloromethane	4.249	128	106060	50.21	ug/L #	82
25) Chloroform	4.378	83	365365	52.88	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	283420	51.81	ug/L	97
29) Cyclohexane	4.680	56	272351	48.96	ug/L	91
30) 1,1,1-Trichloroethane	4.609	97	306922	50.38	ug/L	98
31) Carbon tetrachloride	4.831	117	265354	50.08	ug/L	100
33) Benzene	5.101	78	758622	51.71	ug/L	100
34) Trichloroethene	5.915	95	204097	50.63	ug/L	95
35) Methylcyclohexane	6.133	83	295350	48.39	ug/L	93
37) 1,2-Dichloropropane	6.175	63	195010	52.48	ug/L	98
38) Bromodichloromethane	6.513	83	259371	50.78	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	301328	51.21	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	490105	104.61	ug/L #	93
42) Toluene	7.391	91	832949	51.62	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	294856	51.53	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	195183	51.04	ug/L	98
46) Tetrachloroethene	7.979	164	158570	48.14	ug/L	96
48) 2-Hexanone	8.143	43	378880	105.70	ug/L #	93
49) Dibromochloromethane	8.249	129	209756	49.71	ug/L	97
50) 1,2-Dibromoethane	8.355	107	209127	51.05	ug/L	100
51) Chlorobenzene	8.886	112	545677	50.41	ug/L	97
52) Ethylbenzene	9.018	91	911295	51.14	ug/L	99
53) m,p-Xylene	9.143	106	341827	50.37	ug/L	98
54) o-xylene	9.548	106	335622	50.81	ug/L	99
55) Styrene	9.564	104	596798	52.50	ug/L	96
56) Isopropylbenzene	9.937	105	901681	50.86	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	302043	50.13	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	254451	51.07	ug/L	99
61) Bromoform	9.738	173	147008	48.44	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	440874	49.97	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	456318	50.44	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	441161	50.08	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	67628	50.04	ug/L	84
67) 1,3,5-Trichlorobenzene	12.654	180	342481	49.71	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	312091	51.05	ug/L	97
69) Naphthalene	13.509	128	976928	55.80	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	317776	52.21	ug/L	98

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

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