

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021721\
 Data File : VW020348.D
 Acq On : 17 Feb 2021 18:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05068

Quant Time: Feb 18 00:35:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 00:34:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	575529	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	563047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	308483	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	215475	51.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.70%
7) Chloroethane-d5	1.568	69	181424	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.111	63	392815	49.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.04%
21) 2-Butanone-d5	3.889	46	272327	116.17	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.17%
24) Chloroform-d	4.352	84	398082	53.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.62%
26) 1,2-Dichloroethane-d4	5.034	65	259386	54.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.58%
32) Benzene-d6	5.053	84	772048	52.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.84%
36) 1,2-Dichloropropane-d6	6.072	67	241986	55.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.12%
41) Toluene-d8	7.320	98	734037	53.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.08%
43) trans-1,3-Dichloroprop...	7.625	79	114441	51.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.10%
47) 2-Hexanone-d5	8.092	63	203566	112.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.36%
57) 1,1,2,2-Tetrachloroeth...	10.223	84	339272	54.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.50%
64) 1,2-Dichlorobenzene-d4	11.632	152	312857	53.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	240497	47.00	ug/L	100
3) Chloromethane	1.243	50	230854	50.75	ug/L	98
5) Vinyl chloride	1.310	62	248218	50.68	ug/L	99
6) Bromomethane	1.523	94	155877	50.92	ug/L	97
8) Chloroethane	1.587	64	153021	49.95	ug/L	98
9) Trichlorofluoromethane	1.754	101	344839	49.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	183196	49.45	ug/L	91
12) 1,1-Dichloroethene	2.121	96	183485	51.39	ug/L	76
13) Acetone	2.182	43	181840	109.88	ug/L	95
14) Carbon disulfide	2.294	76	477239	45.35	ug/L	99
15) Methyl Acetate	2.436	43	193131	54.85	ug/L	93
16) Methylene chloride	2.510	84	207668	53.10	ug/L	87
17) trans-1,2-Dichloroethene	2.764	96	189923	51.31	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	594026	52.85	ug/L	96
19) 1,1-Dichloroethane	3.191	63	356963	53.09	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	212597	53.40	ug/L	89
22) 2-Butanone	3.973	43	268390	114.04	ug/L	94
23) Bromochloromethane	4.249	128	113892	52.91	ug/L #	81
25) Chloroform	4.378	83	382829	54.37	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	297481	53.37	ug/L	96
29) Cyclohexane	4.683	56	270471	47.38	ug/L	90
30) 1,1,1-Trichloroethane	4.613	97	323603	51.76	ug/L	97
31) Carbon tetrachloride	4.831	117	273627	50.32	ug/L	100
33) Benzene	5.101	78	804069	53.41	ug/L	100
34) Trichloroethene	5.918	95	215993	52.21	ug/L	91
35) Methylcyclohexane	6.137	83	286455	45.73	ug/L	93
37) 1,2-Dichloropropane	6.178	63	204972	53.75	ug/L #	97
38) Bromodichloromethane	6.513	83	270751	51.65	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	313877	51.98	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	536511	111.58	ug/L #	93
42) Toluene	7.391	91	875660	52.88	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	307919	52.43	ug/L	100
45) 1,1,2-Trichloroethane	7.844	97	209688	53.43	ug/L	97
46) Tetrachloroethene	7.979	164	171312	50.67	ug/L	96
48) 2-Hexanone	8.143	43	416961	113.35	ug/L #	92
49) Dibromochloromethane	8.249	129	221092	51.05	ug/L	100
50) 1,2-Dibromoethane	8.355	107	223815	53.24	ug/L #	97
51) Chlorobenzene	8.886	112	579995	52.21	ug/L	97
52) Ethylbenzene	9.018	91	968101	52.93	ug/L	97
53) m,p-Xylene	9.143	106	367975	52.84	ug/L	94
54) o-xylene	9.548	106	359453	53.02	ug/L	96
55) Styrene	9.564	104	635725	54.49	ug/L	95
56) Isopropylbenzene	9.937	105	960928	52.82	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	320791	51.88	ug/L	97
59) 1,2,3-Trichloropropane	10.278	75	274465	53.68	ug/L	99
61) Bromoform	9.738	173	156623	49.90	ug/L #	99
62) 1,3-Dichlorobenzene	11.188	146	479809	52.58	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	488607	52.22	ug/L	96
65) 1,2-Dichlorobenzene	11.651	146	483342	53.05	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	68024	48.67	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.651	180	359613	50.47	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	317058	50.14	ug/L	96
69) Naphthalene	13.509	128	1000567	55.26	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	326746	51.91	ug/L	98

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

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