

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031221\
 Data File : VW020524.D
 Acq On : 11 Mar 2021 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05070

Quant Time: Mar 12 03:53:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 03:02:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	585938	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	578585	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	341971	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	173341	40.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.72%
7) Chloroethane-d5	1.568	69	141881	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.32%
11) 1,1-Dichloroethene-d2	2.108	63	303534	41.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.88%
21) 2-Butanone-d5	3.899	46	196567	90.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.37%
24) Chloroform-d	4.349	84	327900	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.30%
26) 1,2-Dichloroethane-d4	5.034	65	199550	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.48%
32) Benzene-d6	5.050	84	652311	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.38%
36) 1,2-Dichloropropane-d6	6.072	67	192917	43.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.46%
41) Toluene-d8	7.317	98	645437	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
43) trans-1,3-Dichloroprop...	7.622	79	95745	45.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.16%
47) 2-Hexanone-d5	8.091	63	153466	97.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.26%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	271341	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.631	152	306170	45.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.46%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	250263	46.92	ug/L	100
3) Chloromethane	1.243	50	196896	42.47	ug/L	99
5) Vinyl chloride	1.310	62	215356	43.97	ug/L	100
6) Bromomethane	1.523	94	147300	43.75	ug/L	95
8) Chloroethane	1.587	64	124313	45.26	ug/L	98
9) Trichlorofluoromethane	1.754	101	330500	46.47	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	185199	48.57	ug/L	# 83
12) 1,1-Dichloroethene	2.117	96	171077	45.23	ug/L	# 64
13) Acetone	2.195	43	139722	91.97	ug/L	88
14) Carbon disulfide	2.294	76	465909	44.10	ug/L	99
15) Methyl Acetate	2.439	43	146997	43.56	ug/L	# 87
16) Methylene chloride	2.506	84	181549	44.53	ug/L	81
17) trans-1,2-Dichloroethene	2.760	96	178436	45.67	ug/L	84
18) Methyl tert-butyl Ether	2.770	73	484985	45.40	ug/L	# 92
19) 1,1-Dichloroethane	3.191	63	290948	44.28	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	189330	45.85	ug/L	77
22) 2-Butanone	3.982	43	198683	88.43	ug/L	83
23) Bromochloromethane	4.249	128	111030	47.03	ug/L	# 68
25) Chloroform	4.375	83	333621	45.42	ug/L	97

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

27) 1,2-Dichloroethane	5.133	62	229663	42.73	ug/L #	93
29) Cyclohexane	4.680	56	244820	47.45	ug/L	85
30) 1,1,1-Trichloroethane	4.609	97	293010	46.54	ug/L #	93
31) Carbon tetrachloride	4.828	117	264902	47.35	ug/L	100
33) Benzene	5.101	78	698410	46.02	ug/L	100
34) Trichloroethene	5.915	95	210140	46.50	ug/L	88
35) Methylcyclohexane	6.133	83	291956	49.89	ug/L	89
37) 1,2-Dichloropropane	6.175	63	172714	45.79	ug/L #	96
38) Bromodichloromethane	6.513	83	235482	45.83	ug/L #	98
39) cis-1,3-Dichloropropene	7.030	75	271283	47.03	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	389193	89.36	ug/L #	86
42) Toluene	7.390	91	798491	47.81	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	264959	47.23	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	187255	46.16	ug/L	95
46) Tetrachloroethene	7.979	164	185945	49.04	ug/L	92
48) 2-Hexanone	8.143	43	307801	90.28	ug/L #	84
49) Dibromochloromethane	8.249	129	215759	48.45	ug/L	97
50) 1,2-Dibromoethane	8.355	107	204567	46.70	ug/L #	99
51) Chlorobenzene	8.886	112	548168	46.63	ug/L	92
52) Ethylbenzene	9.017	91	871741	47.49	ug/L	96
53) m,p-Xylene	9.143	106	350306	48.90	ug/L	88
54) o-xylene	9.548	106	336421	48.78	ug/L	90
55) Styrene	9.564	104	597561	50.31	ug/L	91
56) Isopropylbenzene	9.937	105	891779	48.92	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.246	83	256651	46.15	ug/L #	98
59) 1,2,3-Trichloropropane	10.278	75	229289	45.09	ug/L	100
61) Bromoform	9.734	173	159314	46.31	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	484375	46.96	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	495685	45.99	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	484498	46.41	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	54804	43.74	ug/L #	58
67) 1,3,5-Trichlorobenzene	12.651	180	386322	47.98	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	337016	48.63	ug/L	96
69) Naphthalene	13.509	128	905892	48.84	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	341547	48.57	ug/L	97

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

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