

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011121\
 Data File : VW019963.D
 Acq On : 11 Jan 2021 13:07
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Jan 11 13:31:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	417715	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	407893	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	226076	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	353799	107.26	ug/L	0.00
7) Chloroethane-d5	1.569	69	282403	107.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	694020	110.48	ug/L	0.00
21) 2-Butanone-d5	3.891	46	477521	201.62	ug/L	0.00
24) Chloroform-d	4.354	84	643503	104.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.036	65	435698	107.28	ug/L	0.00
32) Benzene-d6	5.055	84	1180410	100.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	366941	96.04	ug/L	0.00
41) Toluene-d8	7.322	98	1086325	103.44	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	200348	104.59	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	338748	218.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	519840	103.80	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	445398	102.51	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	400768	116.31	ug/L	99
3) Chloromethane	1.242	50	383053	95.61	ug/L	100
5) Vinyl chloride	1.312	62	390666	99.41	ug/L	99
6) Bromomethane	1.524	94	243395	101.72	ug/L	96
8) Chloroethane	1.586	64	243811	99.61	ug/L	98
9) Trichlorofluoromethane	1.753	101	554275	112.84	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	302563	109.50	ug/L	95
12) 1,1-Dichloroethene	2.119	96	298338	108.62	ug/L	89
13) Acetone	2.187	43	366378	194.87	ug/L	98
14) Carbon disulfide	2.296	76	896592	102.20	ug/L	99
15) Methyl Acetate	2.434	43	350218	93.69	ug/L	99
16) Methylene chloride	2.508	84	320601	95.55	ug/L	98
17) trans-1,2-Dichloroethene	2.762	96	302592	100.99	ug/L	98
18) Methyl tert-butyl Ether	2.772	73	1008349	100.26	ug/L	98
19) 1,1-Dichloroethane	3.193	63	580041	96.55	ug/L	99
20) cis-1,2-Dichloroethene	3.913	96	325289	99.54	ug/L	99
22) 2-Butanone	3.975	43	517085	198.99	ug/L	96
23) Bromochloromethane	4.251	128	166361	101.95	ug/L	94
25) Chloroform	4.380	83	602328	100.49	ug/L	97
27) 1,2-Dichloroethane	5.135	62	515988	103.97	ug/L	99
29) Cyclohexane	4.685	56	500659	96.16	ug/L	96
30) 1,1,1-Trichloroethane	4.614	97	552674	103.50	ug/L	99
31) Carbon tetrachloride	4.833	117	471199	106.53	ug/L	99
33) Benzene	5.103	78	1238125	96.68	ug/L	100
34) Trichloroethene	5.920	95	339998	98.85	ug/L	98
35) Methylcyclohexane	6.135	83	504367	98.34	ug/L	98
37) 1,2-Dichloropropane	6.177	63	323918	94.68	ug/L	99
38) Bromodichloromethane	6.515	83	462638	101.55	ug/L	98
39) cis-1,3-Dichloropropene	7.032	75	531314	100.94	ug/L	100
40) 4-Methyl-2-pentanone	7.232	43	1002744	195.64	ug/L	99
42) Toluene	7.392	91	1326136	100.47	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	544799	105.21	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.843	97	311050	98.00	ug/L	99
46) Tetrachloroethene	7.981	164	248050	106.06	ug/L	99
48) 2-Hexanone	8.145	43	794291	201.38	ug/L	99
49) Dibromochloromethane	8.251	129	355740	106.69	ug/L	98
50) 1,2-Dibromoethane	8.357	107	341509	101.95	ug/L	100
51) Chlorobenzene	8.888	112	862176	101.76	ug/L	99
52) Ethylbenzene	9.016	91	1523934	102.16	ug/L	100
53) m,p-Xylene	9.145	106	567192	104.47	ug/L	97
54) o-xylene	9.550	106	552039	103.44	ug/L	100
55) Styrene	9.566	104	991814	107.54	ug/L	99
56) Isopropylbenzene	9.936	105	1507750	105.58	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.248	83	506494	100.94	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	431383	98.38	ug/L	99
61) Bromoform	9.736	173	252276	106.74	ug/L	98
62) 1,3-Dichlorobenzene	11.186	146	699641	100.69	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	716198	100.13	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	709018	99.92	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	136866	103.66	ug/L	94
67) 1,3,5-Trichlorobenzene	12.653	180	538242	106.44	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	496064	110.43	ug/L	98
69) Naphthalene	13.511	128	1571761	113.42	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	483313	110.55	ug/L	99

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

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