

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012821\
 Data File : VV020186.D
 Acq On : 27 Jan 2021 11:54
 Operator : SY/MD
 Sample : VSTD10062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10062

Quant Time: Jan 27 12:25:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 12:22:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	944857	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	865002	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	512906	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	719543	101.60	ug/L	0.00
7) Chloroethane-d5	1.566	69	548542	92.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	1097624	83.01	ug/L	0.00
21) 2-Butanone-d5	3.881	46	943869	200.68	ug/L	0.00
24) Chloroform-d	4.354	84	1301437	100.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.036	65	833169	93.00	ug/L	0.00
32) Benzene-d6	5.055	84	2489506	108.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	772743	106.32	ug/L	0.00
41) Toluene-d8	7.322	98	2335512	107.97	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	380417	103.50	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	699858	221.05	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	1077208	107.50	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	1031290	102.86	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	701087	88.95	ug/L	99
3) Chloromethane	1.242	50	749384	94.22	ug/L	99
5) Vinyl chloride	1.312	62	718046	88.76	ug/L	100
6) Bromomethane	1.525	94	422023	84.59	ug/L	98
8) Chloroethane	1.586	64	425763	81.84	ug/L	99
9) Trichlorofluoromethane	1.753	101	1015592	88.13	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	533615	84.20	ug/L #	85
12) 1,1-Dichloroethene	2.119	96	511388	83.82	ug/L	79
13) Acetone	2.174	43	554746	146.65	ug/L	95
14) Carbon disulfide	2.296	76	1626866	90.28	ug/L	100
15) Methyl Acetate	2.431	43	666478	90.28	ug/L	97
16) Methylene chloride	2.508	84	636933	93.98	ug/L	92
17) trans-1,2-Dichloroethene	2.762	96	602639	97.08	ug/L	94
18) Methyl tert-butyl Ether	2.769	73	1952250	96.86	ug/L	98
19) 1,1-Dichloroethane	3.193	63	1120040	94.37	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	667887	100.06	ug/L	92
22) 2-Butanone	3.965	43	946589	189.05	ug/L	94
23) Bromochloromethane	4.251	128	354859	101.30	ug/L #	85
25) Chloroform	4.380	83	1178594	94.47	ug/L	99
27) 1,2-Dichloroethane	5.135	62	939778	88.43	ug/L	96
29) Cyclohexane	4.685	56	979476	103.09	ug/L	95
30) 1,1,1-Trichloroethane	4.614	97	1051843	102.42	ug/L	97
31) Carbon tetrachloride	4.833	117	916666	103.34	ug/L	99
33) Benzene	5.103	78	2454846	99.30	ug/L	100
34) Trichloroethene	5.920	95	657954	94.28	ug/L	92
35) Methylcyclohexane	6.138	83	1023482	102.74	ug/L	96
37) 1,2-Dichloropropane	6.177	63	645922	99.57	ug/L #	97
38) Bromodichloromethane	6.515	83	898320	100.67	ug/L	100
39) cis-1,3-Dichloropropene	7.029	75	1081977	107.66	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	1867505	193.50	ug/L	95
42) Toluene	7.392	91	2654993	100.39	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	964561	98.47	ug/L	99

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45) 1,1,2-Trichloroethane	7.843	97	522440	79.08	ug/L	96
46) Tetrachloroethene	7.981	164	511858	92.06	ug/L	91
48) 2-Hexanone	8.142	43	1275559	166.83	ug/L #	93
49) Dibromochloromethane	8.251	129	741196	103.57	ug/L	98
50) 1,2-Dibromoethane	8.357	107	697304	96.75	ug/L #	100
51) Chlorobenzene	8.884	112	1663145	92.88	ug/L	96
52) Ethylbenzene	9.016	91	2884040	97.21	ug/L	97
53) m,p-Xylene	9.145	106	1137153	104.69	ug/L	93
54) o-xylene	9.550	106	1071452	98.69	ug/L	95
55) Styrene	9.566	104	1937142	101.90	ug/L	94
56) Isopropylbenzene	9.936	105	2795785	95.34	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.248	83	1033920	104.08	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	837682	96.05	ug/L	99
61) Bromoform	9.736	173	570147	104.11	ug/L #	97
62) 1,3-Dichlorobenzene	11.187	146	1538027	98.65	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	1559533	95.64	ug/L	97
65) 1,2-Dichlorobenzene	11.650	146	1552148	96.03	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	217799	81.18	ug/L #	64
67) 1,3,5-Trichlorobenzene	12.653	180	1308978	106.54	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	1212824	107.55	ug/L	96
69) Naphthalene	13.511	128	3600055	110.19	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	1189323	106.56	ug/L	97

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

