

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012621\
 Data File : VW020162.D
 Acq On : 25 Jan 2021 17:56
 Operator : SY/MD
 Sample : VSTD20065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200165

Quant Time: Jan 25 18:14:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 17:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	445219	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	494178	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	261439	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	758921	214.87	ug/L	0.00
7) Chloroethane-d5	1.569	69	585045	210.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	1288457	197.22	ug/L	0.00
21) 2-Butanone-d5	3.888	46	976522	492.66	ug/L	0.00
24) Chloroform-d	4.351	84	1293135	200.37	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.035	65	870491	193.96	ug/L	0.00
32) Benzene-d6	5.051	84	2418824	179.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	802024	197.76	ug/L	0.00
41) Toluene-d8	7.318	98	2222906	178.02	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	422238	186.92	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	764991	462.62	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.222	84	1189195	211.61	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	1022092	196.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	665084	235.43	ug/L	100
3) Chloromethane	1.241	50	851538	273.99	ug/L	100
5) Vinyl chloride	1.312	62	744775	240.78	ug/L	99
6) Bromomethane	1.521	94	332217	173.94	ug/L	99
8) Chloroethane	1.585	64	465011	229.15	ug/L	99
9) Trichlorofluoromethane	1.749	101	1049180	212.93	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	550859	225.98	ug/L	96
12) 1,1-Dichloroethene	2.116	96	548129	219.07	ug/L	94
13) Acetone	2.183	43	648773	437.38	ug/L	99
14) Carbon disulfide	2.293	76	1577529	226.37	ug/L	100
15) Methyl Acetate	2.431	43	689519	238.13	ug/L	98
16) Methylene chloride	2.505	84	619069	215.35	ug/L	97
17) trans-1,2-Dichloroethene	2.759	96	579721	220.80	ug/L	97
18) Methyl tert-butyl Ether	2.769	73	1990117	218.21	ug/L	99
19) 1,1-Dichloroethane	3.190	63	1126204	218.07	ug/L	99
20) cis-1,2-Dichloroethene	3.913	96	645530	222.22	ug/L	99
22) 2-Butanone	3.971	43	995593	519.04	ug/L	98
23) Bromochloromethane	4.248	128	328136	208.67	ug/L	91
25) Chloroform	4.376	83	1183241	215.24	ug/L	100
27) 1,2-Dichloroethane	5.132	62	1000470	213.38	ug/L	100
29) Cyclohexane	4.682	56	925587	219.02	ug/L	99
30) 1,1,1-Trichloroethane	4.611	97	1059184	187.66	ug/L	98
31) Carbon tetrachloride	4.830	117	895744	185.68	ug/L	99
33) Benzene	5.103	78	2412737	197.21	ug/L	100
34) Trichloroethene	5.916	95	636182	192.86	ug/L	97
35) Methylcyclohexane	6.135	83	990554	242.68	ug/L	99
37) 1,2-Dichloropropane	6.177	63	645957	197.28	ug/L	98
38) Bromodichloromethane	6.511	83	926003	198.50	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	1151502	222.15	ug/L	100
40) 4-Methyl-2-pentanone	7.228	43	1999917	444.63	ug/L	99
42) Toluene	7.392	91	2592049	196.94	ug/L	99
44) trans-1,3-Dichloropropene	7.653	75	1086193	204.28	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.842	97	625725	194.49	ug/L	97
46) Tetrachloroethene	7.981	164	471364	176.78	ug/L	95
48) 2-Hexanone	8.141	43	1586621	455.74	ug/L	99
49) Dibromochloromethane	8.251	129	763500	201.54	ug/L	99
50) 1,2-Dibromoethane	8.357	107	744584	220.07	ug/L #	99
51) Chlorobenzene	8.884	112	1883915	212.26	ug/L	99
52) Ethylbenzene	9.016	91	3244245	221.67	ug/L	100
53) m,p-Xylene	9.141	106	1221356	223.46	ug/L	97
54) o-Xylene	9.550	106	1216950	222.45	ug/L	100
55) Styrene	9.566	104	2166300	222.24	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.247	83	1161213	231.76	ug/L	99
59) Bromoform	9.736	173	574963	197.72	ug/L	98
60) Isopropylbenzene	9.936	105	3198249	222.01	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	929293	220.85	ug/L	98
62) 1,3,5-Trimethylbenzene	10.546	105	2783898	232.34	ug/L	99
63) 1,2,4-Trimethylbenzene	10.919	105	2848452	247.01	ug/L	99
64) 1,3-Dichlorobenzene	11.186	146	1550431	216.33	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	1573441	212.12	ug/L	98
67) 1,2-Dichlorobenzene	11.652	146	1562072	213.70	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.437	75	302482	246.03	ug/L	98
69) 1,3,5-Trichlorobenzene	12.656	180	1187373	229.08	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	1139523	231.72	ug/L	98
71) Naphthalene	13.511	128	3793246	257.68	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	1082456	214.97	ug/L	97

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

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