

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020071.D
 Acq On : 20 Jan 2021 12:24
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00563

Manual Integrations
 APPROVED

MMDadoda
 1/22/2021 5:05:08 PM

Quant Time: Jan 20 13:48:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 13:47:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	342491	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	328628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	184509	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	10678	3.91	ug/L	0.00
7) Chloroethane-d5	1.569	69	8275	3.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	20662	3.80	ug/L	0.00
21) 2-Butanone-d5	3.920	46	13362m	7.39	ug/L	0.02
24) Chloroform-d	4.357	84	23067	4.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.045	65	15339	4.40	ug/L	0.00
32) Benzene-d6	5.058	84	41519	4.55	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	12156	4.30	ug/L	0.00
41) Toluene-d8	7.322	98	38267	4.59	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.633	79	6270	4.22	ug/L	0.00
47) 2-Hexanone-d5	8.103	63	7813	6.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.225	84	15313	3.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	17899	5.01	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	14980	4.65	ug/L	98
3) Chloromethane	1.241	50	10084	3.42	ug/L	96
5) Vinyl chloride	1.312	62	11589	3.83	ug/L	97
6) Bromomethane	1.524	94	8154	4.24	ug/L	99
8) Chloroethane	1.585	64	7010	3.79	ug/L	96
9) Trichlorofluoromethane	1.756	101	19184	4.33	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	10107	4.17	ug/L #	88
12) 1,1-Dichloroethene	2.119	96	9162	3.94	ug/L	91
13) Acetone	2.193	43	15999	10.11	ug/L	94
14) Carbon disulfide	2.296	76	30485	4.35	ug/L	100
15) Methyl Acetate	2.447	43	10024	3.74	ug/L	96
16) Methylene chloride	2.511	84	11984	4.76	ug/L	81
17) trans-1,2-Dichloroethene	2.765	96	11317	4.71	ug/L	92
18) Methyl tert-butyl Ether	2.772	73	34011	4.37	ug/L	96
19) 1,1-Dichloroethane	3.196	63	20198	4.47	ug/L	98
20) cis-1,2-Dichloroethene	3.923	96	11240	4.37	ug/L	81
22) 2-Butanone	4.000	43	15906m	8.28	ug/L	
23) Bromochloromethane	4.264	128	6874m	5.05	ug/L	
25) Chloroform	4.383	83	21290	4.44	ug/L	92
27) 1,2-Dichloroethane	5.145	62	17137	4.30	ug/L	98
29) Cyclohexane	4.682	56	15647	4.13	ug/L	86
30) 1,1,1-Trichloroethane	4.617	97	19611	4.57	ug/L	96
31) Carbon tetrachloride	4.833	117	17294	4.71	ug/L	100
33) Benzene	5.109	78	42010	4.48	ug/L	100
34) Trichloroethene	5.923	95	14036	5.15	ug/L	96
35) Methylcyclohexane	6.138	83	17964	4.64	ug/L	93
37) 1,2-Dichloropropane	6.183	63	10661	4.44	ug/L	98
38) Bromodichloromethane	6.518	83	15021	4.29	ug/L #	92
39) cis-1,3-Dichloropropene	7.039	75	15924	4.17	ug/L	98
40) 4-Methyl-2-pentanone	7.235	43	27685	7.66	ug/L #	97
42) Toluene	7.395	91	46450	4.62	ug/L	99
44) trans-1,3-Dichloropropene	7.659	75	15006	3.87	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020071.D
 Acq On : 20 Jan 2021 12:24
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00563

Manual Integrations
 APPROVED

MMDadoda
 1/22/2021 5:05:08 PM

Quant Time: Jan 20 13:48:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 13:47:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	11366	4.71	ug/L	92
46) Tetrachloroethene	7.981	164	10422	5.22	ug/L	98
48) 2-Hexanone	8.148	43	20937	7.33	ug/L #	87
49) Dibromochloromethane	8.251	129	12182	4.53	ug/L	98
50) 1,2-Dibromoethane	8.363	107	12452	4.80	ug/L #	91
51) Chlorobenzene	8.887	112	32841	4.88	ug/L	92
52) Ethylbenzene	9.019	91	52972	4.62	ug/L	100
53) m,p-Xylene	9.145	106	20137	4.76	ug/L	87
54) o-xylene	9.550	106	19699	4.76	ug/L	94
55) Styrene	9.569	104	32315	4.51	ug/L	94
56) Isopropylbenzene	9.939	105	51482	4.59	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.247	83	14971	4.01	ug/L #	96
59) 1,2,3-Trichloropropane	10.283	75	14287	4.31	ug/L	96
61) Bromoform	9.739	173	8440	4.47	ug/L	100
62) 1,3-Dichlorobenzene	11.190	146	27130	4.90	ug/L	95
63) 1,4-Dichlorobenzene	11.280	146	29205	5.14	ug/L	94
65) 1,2-Dichlorobenzene	11.653	146	27252	4.89	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	3194	3.41	ug/L #	80
67) 1,3,5-Trichlorobenzene	12.656	180	20968	4.99	ug/L	97
68) 1,2,4-trichlorobenzene	13.273	180	18053	4.84	ug/L	95
69) Naphthalene	13.514	128	39716	3.76	ug/L	99
70) 1,2,3-Trichlorobenzene	13.755	180	15816	4.38	ug/L	91

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

