

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062921\
 Data File : VW021575.D
 Acq On : 29 Jun 2021 11:30
 Operator : SY/MD
 Sample : VSTD20064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200164

Quant Time: Jun 30 03:57:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 30 03:55:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	471791	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	446419	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	239394	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	594821	192.525	ug/L	0.00
7) Chloroethane-d5	1.548	69	450256	191.675	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.105	63	1047797	195.363	ug/L	0.00
21) 2-Butanone-d5	3.870	46	1040533	450.265	ug/L	-0.03
24) Chloroform-d	4.349	84	1235776	198.735	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	732435	203.432	ug/L	0.00
32) Benzene-d6	5.050	84	2464156	197.064	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	783894	202.804	ug/L	0.00
41) Toluene-d8	7.317	98	2283724	192.990	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	396473	194.168	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	800431	446.692	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	1081719	201.958	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	944092	190.867	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	765020	221.757	ug/L	100
3) Chloromethane	1.240	50	731229	214.988	ug/L	97
5) Vinyl chloride	1.307	62	744900	216.167	ug/L	100
6) Bromomethane	1.503	94	229839	98.018	ug/L	99
8) Chloroethane	1.568	64	407839	206.214	ug/L	100
9) Trichlorofluoromethane	1.741	101	964598	194.664	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	520190	180.369	ug/L	99
12) 1,1-Dichloroethene	2.114	96	508787	183.581	ug/L	93
13) Acetone	2.159	43	593853	298.504	ug/L #	100
14) Carbon disulfide	2.288	76	1820565	204.491	ug/L	100
15) Methyl Acetate	2.423	43	754716	219.406	ug/L	100
16) Methylene chloride	2.503	84	663213	188.713	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	638376	199.971	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	2033044	199.434	ug/L	100
19) 1,1-Dichloroethane	3.188	63	1146807	201.469	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	710293	198.589	ug/L	98
22) 2-Butanone	3.953	43	1071575	422.170	ug/L	98
23) Bromochloromethane	4.246	128	371616	189.661	ug/L	96
25) Chloroform	4.375	83	1163322	197.601	ug/L	99
27) 1,2-Dichloroethane	5.130	62	856660	208.644	ug/L	100
29) Cyclohexane	4.677	56	1056991	200.474	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	1062406	192.258	ug/L	99
31) Carbon tetrachloride	4.828	117	937223	187.740	ug/L	100
33) Benzene	5.098	78	2559789	197.499	ug/L	100
34) Trichloroethene	5.915	95	685983	195.800	ug/L	97
35) Methylcyclohexane	6.133	83	1096558	194.729	ug/L	99
37) 1,2-Dichloropropane	6.175	63	671529	203.450	ug/L	100
38) Bromodichloromethane	6.510	83	917485	199.083	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	1129968	204.218	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	1985745	434.762	ug/L	99
42) Toluene	7.391	91	2735086	191.715	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	1074771	204.943	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	656937	197.133	ug/L	99
46) Tetrachloroethene	7.976	164	554410	176.903	ug/L	99
48) 2-Hexanone	8.140	43	1508351	429.233	ug/L	99
49) Dibromochloromethane	8.249	129	781758	189.749	ug/L	98
50) 1,2-Dibromoethane	8.352	107	729816	198.568	ug/L	99
51) Chlorobenzene	8.883	112	1801887	191.783	ug/L	98
52) Ethylbenzene	9.014	91	2992760	191.578	ug/L	99
53) m,p-Xylene	9.140	106	1172745	195.461	ug/L	100
54) o-Xylene	9.545	106	1149192	193.496	ug/L	99
55) Styrene	9.561	104	1979835	194.390	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	1066202	203.747	ug/L	100
59) Bromoform	9.731	173	608969	189.718	ug/L	100
60) Isopropylbenzene	9.934	105	2998160	198.202	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	842789	214.633	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	2600069	199.971	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	2636551	200.770	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	1454382	193.406	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	1455145	191.706	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	1451031	191.990	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	296270	242.715	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	1175232	189.193	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	1099546	199.526	ug/L	99
71) Naphthalene	13.503	128	3590283	231.657	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	1066833	198.047	ug/L	99

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

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