

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072222\
 Data File : VW026883.D
 Acq On : 22 Jul 2022 12:04
 Operator : SY/MD
 Sample : VSTD20035
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200235

Quant Time: Jul 22 23:53:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 22 23:50:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	630521	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	632287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	375561	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	990956	190.126	ug/L	0.00
7) Chloroethane-d5	1.561	69	692995	157.166	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	1792439	185.065	ug/L	0.00
21) 2-Butanone-d5	3.873	46	1603031	571.569	ug/L	0.00
24) Chloroform-d	4.339	84	2003481	198.741	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	1153970	200.140	ug/L	0.00
32) Benzene-d6	5.043	84	4016276	207.763	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	1269563	207.714	ug/L	0.00
41) Toluene-d8	7.313	98	3648592	214.274	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	601101	244.741	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	1365167	608.832	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1859454	208.751	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	1466775	199.462	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	1157392	237.033	ug/L	100
3) Chloromethane	1.237	50	1071716	188.376	ug/L	100
5) Vinyl chloride	1.307	62	1190508	196.787	ug/L	100
6) Bromomethane	1.516	94	692114	182.969	ug/L	100
8) Chloroethane	1.577	64	572792	144.513	ug/L	99
9) Trichlorofluoromethane	1.745	101	1594524	189.163	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	924880	187.267	ug/L	99
12) 1,1-Dichloroethene	2.111	96	895498	185.523	ug/L	97
13) Acetone	2.172	43	902253	446.075	ug/L	99
14) Carbon disulfide	2.285	76	2600327	193.620	ug/L	100
15) Methyl Acetate	2.426	43	1055177	248.506	ug/L	99
16) Methylene chloride	2.500	84	1086408	189.603	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	992666	198.822	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	3053101	217.308	ug/L	100
19) 1,1-Dichloroethane	3.182	63	1781190	195.917	ug/L	100
20) cis-1,2-Dichloroethene	3.902	96	1134849	212.144	ug/L	99
22) 2-Butanone	3.957	43	1478163	539.880	ug/L	99
23) Bromochloromethane	4.240	128	578866	189.861	ug/L	99
25) Chloroform	4.368	83	1858436	193.199	ug/L	100
27) 1,2-Dichloroethane	5.124	62	1311075	200.325	ug/L	99
29) Cyclohexane	4.670	56	1528698	228.961	ug/L	99
30) 1,1,1-Trichloroethane	4.603	97	1614598	195.659	ug/L	99
31) Carbon tetrachloride	4.822	117	1408912	202.444	ug/L	99
33) Benzene	5.092	78	4100557	200.287	ug/L	100
34) Trichloroethene	5.908	95	1044348	201.794	ug/L	99
35) Methylcyclohexane	6.127	83	1740340	222.318	ug/L	98
37) 1,2-Dichloropropane	6.169	63	1063215	197.864	ug/L	100
38) Bromodichloromethane	6.503	83	1406911	204.417	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	1742105	244.446	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	2791309	498.973	ug/L	97
42) Toluene	7.384	91	4360203	203.556	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	1637688	244.495	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	1079488	198.490	ug/L	100
46) Tetrachloroethene	7.973	164	797112	191.683	ug/L	96
48) 2-Hexanone	8.137	43	2157131	504.489	ug/L	97
49) Dibromochloromethane	8.243	129	1190886	224.129	ug/L	99
50) 1,2-Dibromoethane	8.349	107	1143252	206.845	ug/L	98
51) Chlorobenzene	8.879	112	2876841	198.874	ug/L	99
52) Ethylbenzene	9.011	91	4755490	218.404	ug/L	99
53) m,p-Xylene	9.137	106	1890459	221.027	ug/L	97
54) o-Xylene	9.542	106	1858439	225.655	ug/L	100
55) Styrene	9.558	104	3257251	224.811	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	1758318	205.688	ug/L	100
59) Bromoform	9.728	173	848772	245.008	ug/L	100
60) Isopropylbenzene	9.931	105	4802245	211.479	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	1354219	196.997	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	4158746	226.056	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	4186740	227.821	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	2292974	198.231	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	2322249	193.553	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	2302156	195.350	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	414496	259.949	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	1691462	212.740	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	1590837	238.454	ug/L	99
71) Naphthalene	13.500	128	5388362	274.033	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	1598025	231.927	ug/L	100

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

