

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030581.D
 Acq On : 17 Apr 2023 11:39
 Operator : SY/MD
 Sample : VSTD10018
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100218

Quant Time: Apr 18 02:11:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:09:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	265611	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	266459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	163746	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	207821	106.732	ug/L	0.00
7) Chloroethane-d5	1.535	69	168871	103.494	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	95123	103.015	ug/L	0.00
21) 2-Butanone-d5	3.799	46	243352	226.066	ug/L	0.00
24) Chloroform-d	4.259	84	368272	104.366	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	237034	104.483	ug/L	0.00
32) Benzene-d6	4.969	84	676839	107.437	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	204508	104.506	ug/L	0.00
41) Toluene-d8	7.252	98	654820	110.706	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	108594	110.101	ug/L	0.00
47) 2-Hexanone-d5	8.030	63	176036	239.324	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	299558	105.495	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	268053	102.991	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	231078	101.188	ug/L	99
3) Chloromethane	1.217	50	294841	98.424	ug/L	99
5) Vinyl chloride	1.288	62	245480	101.642	ug/L	100
6) Bromomethane	1.494	94	93948	98.101	ug/L	97
8) Chloroethane	1.555	64	170781	103.101	ug/L	98
9) Trichlorofluoromethane	1.715	101	397454	101.539	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	210719	102.434	ug/L	98
12) 1,1-Dichloroethene	2.076	96	192409	103.454	ug/L	97
13) Acetone	2.127	43	331462	200.289	ug/L	97
14) Carbon disulfide	2.246	76	546890	104.107	ug/L	99
15) Methyl Acetate	2.381	43	236765	107.207	ug/L	99
16) Methylene chloride	2.455	84	210834	99.061	ug/L	96
17) trans-1,2-Dichloroethene	2.699	96	198953	105.964	ug/L	99
18) Methyl tert-butyl Ether	2.712	73	666892	110.891	ug/L	99
19) 1,1-Dichloroethane	3.121	63	392803	102.612	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	220987	108.199	ug/L	99
22) 2-Butanone	3.879	43	368303	212.208	ug/L	99
23) Bromochloromethane	4.156	128	117504	103.009	ug/L	97
25) Chloroform	4.284	83	410053	103.493	ug/L	99
27) 1,2-Dichloroethane	5.050	62	350888	104.641	ug/L	99
29) Cyclohexane	4.593	56	356343	111.440	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	375895	100.395	ug/L	99
31) Carbon tetrachloride	4.744	117	335249	100.148	ug/L	99
33) Benzene	5.018	78	860202	106.309	ug/L	100
34) Trichloroethene	5.841	95	218062	103.608	ug/L	98
35) Methylcyclohexane	6.059	83	366943	111.267	ug/L	100
37) 1,2-Dichloropropane	6.101	63	225575	103.576	ug/L	99
38) Bromodichloromethane	6.439	83	311955	101.967	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	371926	113.783	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	681080	227.005	ug/L	99
42) Toluene	7.323	91	949846	109.596	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	363080	113.060	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030581.D
 Acq On : 17 Apr 2023 11:39
 Operator : SY/MD
 Sample : VSTD10018
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100218

Quant Time: Apr 18 02:11:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:09:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	224222	102.673	ug/L	99
46) Tetrachloroethene	7.911	164	190129	103.205	ug/L	97
48) 2-Hexanone	8.082	43	562439	233.281	ug/L	99
49) Dibromochloromethane	8.185	129	245506	101.918	ug/L	98
50) 1,2-Dibromoethane	8.288	107	234616	103.684	ug/L	99
51) Chlorobenzene	8.821	112	601712	104.830	ug/L	99
52) Ethylbenzene	8.953	91	1072682	111.800	ug/L	99
53) m,p-Xylene	9.082	106	405340	111.844	ug/L	99
54) o-Xylene	9.487	106	395610	111.582	ug/L	99
55) Styrene	9.503	104	704108	113.057	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	373210	104.088	ug/L	99
59) Bromoform	9.670	173	202569	98.809	ug/L	99
60) Isopropylbenzene	9.876	105	1098158	107.535	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	287398	97.995	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	926793	110.227	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	926548	110.368	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	533869	104.419	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	547284	101.511	ug/L	100
67) 1,2-Dichlorobenzene	11.586	146	534219	103.573	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	85243	98.249	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	410702	106.339	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	361889	110.358	ug/L	99
71) Naphthalene	13.448	128	1044872	116.480	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	360837	110.969	ug/L	100

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

