

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030580.D
 Acq On : 17 Apr 2023 11:15
 Operator : SY/MD
 Sample : VSTD05017
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050217

Quant Time: Apr 18 02:11:03 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	261381	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	258081	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	152930	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	93384	48.736	ug/L	0.00
7) Chloroethane-d5	1.535	69	76886	47.883	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	65	43402	47.763	ug/L	0.00
21) 2-Butanone-d5	3.802	46	104812	98.943	ug/L	0.00
24) Chloroform-d	4.262	84	171134	49.283	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	109428	49.016	ug/L	0.00
32) Benzene-d6	4.969	84	310374	50.866	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	93602	49.385	ug/L	0.00
41) Toluene-d8	7.252	98	298374	52.082	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	48059	50.308	ug/L	0.00
47) 2-Hexanone-d5	8.034	63	72089	101.188	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	137304	49.924	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	120192	49.446	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	108401	48.237	ug/L	100
3) Chloromethane	1.217	50	138911	47.122	ug/L	100
5) Vinyl chloride	1.288	62	113432	47.727	ug/L	100
6) Bromomethane	1.494	94	45253	48.018	ug/L	100
8) Chloroethane	1.555	64	76933	47.196	ug/L	100
9) Trichlorofluoromethane	1.719	101	188620	48.967	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	97315	48.072	ug/L	100
12) 1,1-Dichloroethene	2.076	96	90124	49.242	ug/L	100
13) Acetone	2.127	43	153694	94.374	ug/L	100
14) Carbon disulfide	2.249	76	252700	48.883	ug/L	100
15) Methyl Acetate	2.381	43	109260	50.274	ug/L	100
16) Methylene chloride	2.455	84	100483	47.976	ug/L	100
17) trans-1,2-Dichloroethene	2.703	96	89674	48.534	ug/L	100
18) Methyl tert-butyl Ether	2.712	73	294042	49.685	ug/L	100
19) 1,1-Dichloroethane	3.121	63	181605	48.209	ug/L	100
20) cis-1,2-Dichloroethene	3.825	96	98472	48.994	ug/L	100
22) 2-Butanone	3.879	43	163976	96.009	ug/L	100
23) Bromochloromethane	4.159	128	55100	49.085	ug/L	100
25) Chloroform	4.288	83	195101	50.038	ug/L	100
27) 1,2-Dichloroethane	5.050	62	165591	50.181	ug/L	100
29) Cyclohexane	4.596	56	154474	49.877	ug/L	100
30) 1,1,1-Trichloroethane	4.526	97	176441	48.654	ug/L	100
31) Carbon tetrachloride	4.744	117	157540	48.589	ug/L	100
33) Benzene	5.021	78	398384	50.833	ug/L	100
34) Trichloroethene	5.841	95	100542	49.321	ug/L	100
35) Methylcyclohexane	6.059	83	159663	49.986	ug/L	100
37) 1,2-Dichloropropane	6.101	63	105656	50.088	ug/L	100
38) Bromodichloromethane	6.442	83	143997	48.595	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	157091	49.619	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	302601	104.131	ug/L	100
42) Toluene	7.323	91	438533	52.242	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	159374	51.239	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	105049	49.664	ug/L	100
46) Tetrachloroethene	7.915	164	87879	49.250	ug/L	100
48) 2-Hexanone	8.082	43	245457	105.112	ug/L	100
49) Dibromochloromethane	8.185	129	114117	48.912	ug/L	100
50) 1,2-Dibromoethane	8.291	107	109288	49.866	ug/L	100
51) Chlorobenzene	8.821	112	274433	49.364	ug/L	100
52) Ethylbenzene	8.953	91	476504	51.276	ug/L	100
53) m,p-Xylene	9.082	106	183352	52.234	ug/L	100
54) o-Xylene	9.487	106	174080	50.693	ug/L	100
55) Styrene	9.503	104	320969	53.210	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	170858	49.199	ug/L	100
59) Bromoform	9.670	173	92737	48.434	ug/L	100
60) Isopropylbenzene	9.876	105	478465	50.166	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	132362	48.324	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	392883	50.032	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	396910	50.623	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	236880	49.608	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	248911	49.434	ug/L	100
67) 1,2-Dichlorobenzene	11.586	146	237406	49.283	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.371	75	38620	47.661	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	177001	49.070	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	152221	49.703	ug/L	100
71) Naphthalene	13.448	128	422534	50.435	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	155873	51.326	ug/L	100

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

