

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071123\
 Data File : VW031678.D
 Acq On : 11 Jul 2023 14:47
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV246

Quant Time: Jul 12 08:00:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 12 07:50:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	304473	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	320539	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	193001	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	132563	48.103	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.200%
7) Chloroethane-d5	1.532	69	116402	58.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.740%
11) 1,1-Dichloroethene-d2	2.063	65	64766	52.757	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.520%
21) 2-Butanone-d5	3.796	46	180483	102.483	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.480%
24) Chloroform-d	4.256	84	277315	50.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.840%
26) 1,2-Dichloroethane-d4	4.950	65	163363	47.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.480%
32) Benzene-d6	4.969	84	480283	49.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.940%
36) 1,2-Dichloropropane-d6	5.995	67	164403	52.908	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.820%
41) Toluene-d8	7.249	98	451499	52.251	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.500%
43) trans-1,3-Dichloroprop...	7.558	79	76790	49.490	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.980%
47) 2-Hexanone-d5	8.030	63	119773	100.563	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.560%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	237443	50.451	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.900%
66) 1,2-Dichlorobenzene-d4	11.567	152	163871	46.291	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	206346	54.518	ug/L	98
3) Chloromethane	1.217	50	208880	53.342	ug/L	98
5) Vinyl chloride	1.285	62	202909	55.331	ug/L	99
6) Bromomethane	1.487	94	128768	61.457	ug/L	98
8) Chloroethane	1.548	64	124033	61.340	ug/L	100
9) Trichlorofluoromethane	1.715	101	301008	57.283	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	171481	56.690	ug/L	95
12) 1,1-Dichloroethene	2.072	96	147347	56.050	ug/L	91
13) Acetone	2.121	43	209641	137.753	ug/L	96
14) Carbon disulfide	2.243	76	463691	53.571	ug/L	100
15) Methyl Acetate	2.378	43	178482	55.642	ug/L	96
16) Methylene chloride	2.449	84	169055	54.400	ug/L	95
17) trans-1,2-Dichloroethene	2.699	96	140730	52.409	ug/L	97
18) Methyl tert-butyl Ether	2.709	73	440224	53.871	ug/L	98
19) 1,1-Dichloroethane	3.117	63	301452	54.913	ug/L	98
20) cis-1,2-Dichloroethene	3.821	96	148687	53.977	ug/L	95
22) 2-Butanone	3.876	43	249002	118.091	ug/L	97
23) Bromochloromethane	4.156	128	81617	54.494	ug/L	93
25) Chloroform	4.284	83	311540	55.329	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	244687	58.494	ug/L	99
29) Cyclohexane	4.593	56	234408	55.780	ug/L	100
30) 1,1,1-Trichloroethane	4.519	97	275845	55.074	ug/L	98
31) Carbon tetrachloride	4.741	117	239670	53.991	ug/L	98
33) Benzene	5.018	78	634870	58.077	ug/L	100
34) Trichloroethene	5.837	95	170280	55.363	ug/L	97
35) Methylcyclohexane	6.059	83	236338	56.454	ug/L	97
37) 1,2-Dichloropropane	6.101	63	185722	60.776	ug/L	98
38) Bromodichloromethane	6.439	83	238316	57.530	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	251950	54.502	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	461701	121.474	ug/L	99
42) Toluene	7.320	91	668153	59.186	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	257805	55.904	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	171428	56.661	ug/L	98
46) Tetrachloroethene	7.911	164	121255	51.853	ug/L	97
48) 2-Hexanone	8.082	43	389839	122.039	ug/L	96
49) Dibromochloromethane	8.181	129	179607	53.454	ug/L	99
50) 1,2-Dibromoethane	8.288	107	177751	53.317	ug/L	98
51) Chlorobenzene	8.818	112	399262	53.356	ug/L	99
52) Ethylbenzene	8.953	91	699813	56.975	ug/L	97
53) m,p-Xylene	9.078	106	259508	57.307	ug/L	95
54) o-Xylene	9.487	106	237399	56.605	ug/L	99
55) Styrene	9.500	104	473671	61.350	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	260515	55.463	ug/L	98
59) Bromoform	9.670	173	134614	54.582	ug/L #	96
60) Isopropylbenzene	9.873	105	665627	56.479	ug/L	99
61) 1,2,3-Trichloropropane	10.213	75	221868	55.272	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	541780	56.261	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	552796	57.634	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	330310	53.960	ug/L	97
65) 1,4-Dichlorobenzene	11.213	146	349402	52.628	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	328755	52.365	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	63842	52.124	ug/L	96
69) 1,3,5-Trichlorobenzene	12.590	180	237492	51.789	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	206706	50.870	ug/L	99
71) Naphthalene	13.445	128	622650	52.955	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	223089	52.364	ug/L	99

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

