

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082323\
 Data File : VW031876.D
 Acq On : 23 Aug 2023 17:30
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050282

Quant Time: Aug 24 01:59:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	269954	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	261374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	139478	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	73362	43.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.840%
7) Chloroethane-d5	1.532	69	67316	45.453	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.900%
11) 1,1-Dichloroethene-d2	2.063	65	34517	43.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.260%
21) 2-Butanone-d5	3.793	46	133013	100.103	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.100%
24) Chloroform-d	4.256	84	174734	47.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.640%
26) 1,2-Dichloroethane-d4	4.947	65	113314	46.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
32) Benzene-d6	4.963	84	340438	47.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.460%
36) 1,2-Dichloropropane-d6	5.992	67	111461	48.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.100%
41) Toluene-d8	7.246	98	309518	47.100	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.555	79	59062	49.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.280%
47) 2-Hexanone-d5	8.030	63	72272	102.719	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.720%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	143371	48.331	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.660%
66) 1,2-Dichlorobenzene-d4	11.564	152	121011	47.593	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.180%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	75674	46.047	ug/L	98
3) Chloromethane	1.217	50	79641	47.524	ug/L	99
5) Vinyl chloride	1.285	62	87546	48.918	ug/L	98
6) Bromomethane	1.487	94	52940	50.240	ug/L	99
8) Chloroethane	1.548	64	58413	49.112	ug/L	99
9) Trichlorofluoromethane	1.716	101	124579	47.753	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	76882	48.809	ug/L	100
12) 1,1-Dichloroethene	2.072	96	68487	48.406	ug/L	87
13) Acetone	2.121	43	87277	73.796	ug/L	96
14) Carbon disulfide	2.243	76	158847	49.273	ug/L	99
15) Methyl Acetate	2.378	43	104263	49.431	ug/L	98
16) Methylene chloride	2.449	84	87608	48.186	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	75000	48.352	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	317733	48.468	ug/L	99
19) 1,1-Dichloroethane	3.114	63	168283	48.411	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	96886	49.786	ug/L	94
22) 2-Butanone	3.876	43	141437	90.378	ug/L	99
23) Bromochloromethane	4.153	128	45740	48.446	ug/L	97
25) Chloroform	4.281	83	172770	47.803	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	135828	47.703	ug/L	97
29) Cyclohexane	4.587	56	137708	50.602	ug/L	98
30) 1,1,1-Trichloroethane	4.516	97	148424	48.684	ug/L	98
31) Carbon tetrachloride	4.741	117	122720	47.404	ug/L	97
33) Benzene	5.014	78	350434	49.899	ug/L	100
34) Trichloroethene	5.838	95	105485	49.112	ug/L	97
35) Methylcyclohexane	6.053	83	138698	48.550	ug/L	99
37) 1,2-Dichloropropane	6.098	63	100101	50.286	ug/L	100
38) Bromodichloromethane	6.436	83	134169	47.485	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	174645	50.463	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	311899	98.718	ug/L	98
42) Toluene	7.320	91	384551	49.778	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	162126	48.756	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	98725	49.090	ug/L	99
46) Tetrachloroethene	7.908	164	65510	48.575	ug/L	99
48) 2-Hexanone	8.079	43	236688	98.096	ug/L	99
49) Dibromochloromethane	8.182	129	100060	48.418	ug/L	100
50) 1,2-Dibromoethane	8.284	107	103158	48.974	ug/L	99
51) Chlorobenzene	8.818	112	249826	48.668	ug/L	99
52) Ethylbenzene	8.950	91	448461	49.007	ug/L	100
53) m,p-Xylene	9.075	106	163909	48.240	ug/L	99
54) o-Xylene	9.481	106	165020	48.832	ug/L	100
55) Styrene	9.500	104	292815	49.015	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	137258	48.213	ug/L	98
59) Bromoform	9.670	173	70894	49.015	ug/L	99
60) Isopropylbenzene	9.870	105	457869	49.012	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	127920	48.544	ug/L	100
62) 1,3,5-Trimethylbenzene	10.480	105	380312	48.389	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	381376	48.236	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	202897	48.462	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	206076	48.406	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	202555	48.824	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	37400	47.251	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	147731	48.402	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	144115	49.191	ug/L	100
71) Naphthalene	13.442	128	440818	47.095	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	135831	48.384	ug/L	99

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

