

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083123\
 Data File : VW031956.D
 Acq On : 31 Aug 2023 12:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

Quant Time: Sep 01 00:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 26 00:50:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	263908	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	257002	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	141817	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	91504	55.402	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	110.800%
7) Chloroethane-d5	1.532	69	69937	48.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.059	65	38197	49.390	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.780%
21) 2-Butanone-d5	3.789	46	126125	97.094	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.090%
24) Chloroform-d	4.249	84	161970	44.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.740%
26) 1,2-Dichloroethane-d4	4.944	65	103305	43.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.240%
32) Benzene-d6	4.960	84	336497	47.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
36) 1,2-Dichloropropane-d6	5.989	67	107700	47.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.420%
41) Toluene-d8	7.243	98	309163	47.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	7.551	79	56253	48.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.160%
47) 2-Hexanone-d5	8.027	63	88409	127.791	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.790%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	135952	46.610	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.220%
66) 1,2-Dichlorobenzene-d4	11.564	152	116207	44.950	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	73044	45.465	ug/L	99
3) Chloromethane	1.217	50	81348	49.655	ug/L	99
5) Vinyl chloride	1.285	62	85960	49.132	ug/L	100
6) Bromomethane	1.487	94	49682	48.229	ug/L	100
8) Chloroethane	1.548	64	57122	49.127	ug/L	99
9) Trichlorofluoromethane	1.715	101	120654	47.308	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	76534	49.701	ug/L	99
12) 1,1-Dichloroethene	2.072	96	66893	48.363	ug/L	88
13) Acetone	2.117	43	122608	106.045	ug/L	100
14) Carbon disulfide	2.243	76	160076	50.792	ug/L	100
15) Methyl Acetate	2.375	43	106887	51.836	ug/L	98
16) Methylene chloride	2.449	84	89888	50.572	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	73998	48.799	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	309580	48.306	ug/L	98
19) 1,1-Dichloroethane	3.114	63	170815	50.265	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	93527	49.161	ug/L	97
22) 2-Butanone	3.870	43	156054	102.003	ug/L	97
23) Bromochloromethane	4.149	128	45222	48.995	ug/L	95
25) Chloroform	4.275	83	166689	47.177	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	131690	47.309	ug/L	99
29) Cyclohexane	4.584	56	137859	51.519	ug/L	98
30) 1,1,1-Trichloroethane	4.513	97	139859	46.655	ug/L	99
31) Carbon tetrachloride	4.735	117	118160	46.419	ug/L	99
33) Benzene	5.011	78	343501	49.744	ug/L	100
34) Trichloroethene	5.834	95	94646	44.816	ug/L	99
35) Methylcyclohexane	6.053	83	136699	48.664	ug/L	96
37) 1,2-Dichloropropane	6.095	63	100375	51.282	ug/L	99
38) Bromodichloromethane	6.432	83	130940	47.131	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	163162	47.947	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	316291	101.811	ug/L	98
42) Toluene	7.317	91	374853	49.348	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	159534	48.792	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	96801	48.953	ug/L	99
46) Tetrachloroethene	7.908	164	64233	48.438	ug/L	97
48) 2-Hexanone	8.079	43	245894	103.645	ug/L	98
49) Dibromochloromethane	8.178	129	96885	47.679	ug/L	100
50) 1,2-Dibromoethane	8.284	107	96360	46.525	ug/L	99
51) Chlorobenzene	8.815	112	248361	49.206	ug/L	99
52) Ethylbenzene	8.947	91	434556	48.295	ug/L	99
53) m,p-Xylene	9.075	106	160173	47.943	ug/L	98
54) o-Xylene	9.480	106	160413	48.277	ug/L	99
55) Styrene	9.496	104	284585	48.448	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	148534	53.061	ug/L	99
59) Bromoform	9.667	173	68900	46.851	ug/L	98
60) Isopropylbenzene	9.869	105	441969	46.530	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	123867	46.231	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	367231	45.954	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	370411	46.077	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	199119	46.775	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	204014	47.131	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	198042	46.949	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	35826	44.515	ug/L	99
69) 1,3,5-Trichlorobenzene	12.586	180	148576	47.876	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	142081	47.697	ug/L	99
71) Naphthalene	13.442	128	447070	46.975	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	134902	47.261	ug/L	98

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

