

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082823\
 Data File : VW031940.D
 Acq On : 28 Aug 2023 11:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050285

Quant Time: Aug 28 13:49:04 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	270214	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	259522	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	140518	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78799	46.596	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.200%
7) Chloroethane-d5	1.532	69	67491	45.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.060	65	34365	43.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.800%
21) 2-Butanone-d5	3.796	46	127736	96.039	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.040%
24) Chloroform-d	4.252	84	164827	44.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.180%
26) 1,2-Dichloroethane-d4	4.944	65	102706	41.870	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.740%
32) Benzene-d6	4.963	84	317258	44.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.992	67	106669	46.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	7.246	98	276846	42.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.860%
43) trans-1,3-Dichloroprop...	7.555	79	52925	44.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.600%
47) 2-Hexanone-d5	8.030	63	68140	97.537	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.540%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	142939	48.529	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.060%
66) 1,2-Dichlorobenzene-d4	11.564	152	110543	43.154	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	79335	48.228	ug/L	98
3) Chloromethane	1.217	50	83926	50.033	ug/L	99
5) Vinyl chloride	1.285	62	88070	49.163	ug/L	100
6) Bromomethane	1.490	94	47054	44.611	ug/L	99
8) Chloroethane	1.548	64	56664	47.596	ug/L	98
9) Trichlorofluoromethane	1.716	101	119542	45.778	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74693	47.373	ug/L	100
12) 1,1-Dichloroethene	2.072	96	64746	45.718	ug/L	87
13) Acetone	2.124	43	142103	120.039	ug/L	99
14) Carbon disulfide	2.243	76	161166	49.944	ug/L	100
15) Methyl Acetate	2.378	43	100407	47.557	ug/L	100
16) Methylene chloride	2.449	84	87724	48.203	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	73445	47.304	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	303852	46.306	ug/L	98
19) 1,1-Dichloroethane	3.114	63	167752	48.211	ug/L	99
20) cis-1,2-Dichloroethene	3.818	96	90813	46.621	ug/L	99
22) 2-Butanone	3.876	43	174400	111.334	ug/L	95
23) Bromochloromethane	4.150	128	44654	47.251	ug/L	97
25) Chloroform	4.278	83	164107	45.362	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082823\
 Data File : VV031940.D
 Acq On : 28 Aug 2023 11:24
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050285

Quant Time: Aug 28 13:49:04 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)
27) 1,2-Dichloroethane	5.043	62	127230	44.640	ug/L	97
29) Cyclohexane	4.587	56	136645	50.569	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	139922	46.222	ug/L	100
31) Carbon tetrachloride	4.738	117	116517	45.330	ug/L	99
33) Benzene	5.011	78	342550	49.124	ug/L	100
34) Trichloroethene	5.834	95	95974	45.003	ug/L	99
35) Methylcyclohexane	6.053	83	141739	49.968	ug/L	99
37) 1,2-Dichloropropane	6.095	63	99456	50.319	ug/L	99
38) Bromodichloromethane	6.436	83	128148	45.678	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	164366	47.831	ug/L	96
40) 4-Methyl-2-pentanone	7.159	43	295252	94.116	ug/L	100
42) Toluene	7.317	91	366098	47.728	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	154056	46.660	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	95069	47.610	ug/L	99
46) Tetrachloroethene	7.908	164	63224	47.215	ug/L	97
48) 2-Hexanone	8.079	43	246957	103.083	ug/L	99
49) Dibromochloromethane	8.178	129	97410	47.472	ug/L	99
50) 1,2-Dibromoethane	8.284	107	95224	45.530	ug/L	99
51) Chlorobenzene	8.815	112	239483	46.986	ug/L	99
52) Ethylbenzene	8.950	91	427006	46.995	ug/L	99
53) m,p-Xylene	9.075	106	158806	47.072	ug/L	97
54) o-Xylene	9.481	106	158262	47.167	ug/L	98
55) Styrene	9.497	104	278449	46.943	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	139017	49.179	ug/L	99
59) Bromoform	9.667	173	69249	47.524	ug/L	99
60) Isopropylbenzene	9.870	105	436719	46.402	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	118674	44.702	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	362791	45.818	ug/L	100
63) 1,2,4-Trimethylbenzene	10.853	105	365209	45.850	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	196463	46.577	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	200382	46.720	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	192081	45.956	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	34241	42.939	ug/L	98
69) 1,3,5-Trichlorobenzene	12.586	180	142969	46.495	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	138150	46.806	ug/L	99
71) Naphthalene	13.442	128	394371	41.821	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	128827	45.550	ug/L	99

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

