

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030607.D
 Acq On : 17 Apr 2023 23:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

Quant Time: Apr 18 02:54:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	226976	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	220458	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	122326	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	78083	46.927	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.860%
7) Chloroethane-d5	1.532	69	62739	44.995	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.063	65	36324	46.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.060%
21) 2-Butanone-d5	3.799	46	90539	99.067	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.070%
24) Chloroform-d	4.259	84	146986	48.745	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.500%
26) 1,2-Dichloroethane-d4	4.950	65	95703	49.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.740%
32) Benzene-d6	4.969	84	262458	50.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.700%
36) 1,2-Dichloropropane-d6	5.998	67	79139	48.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.760%
41) Toluene-d8	7.252	98	247051	50.482	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.960%
43) trans-1,3-Dichloroprop...	7.558	79	38794	47.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.080%
47) 2-Hexanone-d5	8.034	63	61859	96.986	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.990%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	117010	49.805	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.620%
66) 1,2-Dichlorobenzene-d4	11.570	152	96904	49.839	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	93394	47.858	ug/L	100
3) Chloromethane	1.217	50	134277	52.454	ug/L	99
5) Vinyl chloride	1.288	62	98903	47.922	ug/L	99
6) Bromomethane	1.487	94	51964	63.497	ug/L	99
8) Chloroethane	1.551	64	63359	44.759	ug/L	99
9) Trichlorofluoromethane	1.715	101	165757	49.555	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	84098	47.840	ug/L	98
12) 1,1-Dichloroethene	2.076	96	78518	49.404	ug/L	95
13) Acetone	2.121	43	100617	71.148	ug/L	98
14) Carbon disulfide	2.246	76	212180	47.266	ug/L	99
15) Methyl Acetate	2.378	43	96742	51.261	ug/L	100
16) Methylene chloride	2.452	84	98512	54.165	ug/L	97
17) trans-1,2-Dichloroethene	2.699	96	76650	47.773	ug/L	99
18) Methyl tert-butyl Ether	2.712	73	261645	50.912	ug/L	98
19) 1,1-Dichloroethane	3.117	63	160139	48.954	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	85522	49.001	ug/L	98
22) 2-Butanone	3.876	43	125159	85.640	ug/L	96
23) Bromochloromethane	4.159	128	47894	49.133	ug/L	98
25) Chloroform	4.284	83	169014	49.918	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030607.D
 Acq On : 17 Apr 2023 23:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

Quant Time: Apr 18 02:54:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	148026	51.647	ug/L	99
29) Cyclohexane	4.593	56	129924	49.110	ug/L	100
30) 1,1,1-Trichloroethane	4.522	97	156161	50.411	ug/L	99
31) Carbon tetrachloride	4.744	117	137130	49.512	ug/L	98
33) Benzene	5.018	78	348988	52.130	ug/L	100
34) Trichloroethene	5.841	95	99845	57.338	ug/L	98
35) Methylcyclohexane	6.059	83	131214	48.090	ug/L	100
37) 1,2-Dichloropropane	6.101	63	94358	52.366	ug/L	99
38) Bromodichloromethane	6.442	83	126192	49.854	ug/L	100
39) cis-1,3-Dichloropropene	6.963	75	132123	48.855	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	263548	104.705	ug/L	99
42) Toluene	7.323	91	380616	53.080	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	130114	48.971	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	91410	50.591	ug/L	99
46) Tetrachloroethene	7.911	164	72692	47.692	ug/L	97
48) 2-Hexanone	8.085	43	203088	97.786	ug/L	99
49) Dibromochloromethane	8.185	129	97955	49.150	ug/L	98
50) 1,2-Dibromoethane	8.291	107	94764	50.618	ug/L	96
51) Chlorobenzene	8.821	112	236726	49.848	ug/L	98
52) Ethylbenzene	8.953	91	397830	50.115	ug/L	99
53) m,p-Xylene	9.082	106	156634	52.238	ug/L	98
54) o-Xylene	9.487	106	151376	51.605	ug/L	97
55) Styrene	9.503	104	270775	52.550	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	151519	51.076	ug/L	99
59) Bromoform	9.673	173	79714	52.049	ug/L	100
60) Isopropylbenzene	9.876	105	404913	53.076	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	115851	52.878	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	326892	52.043	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	331441	52.849	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	191666	50.181	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	196887	48.884	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	200344	51.994	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	32816	50.555	ug/L	94
69) 1,3,5-Trichlorobenzene	12.593	180	137608	47.694	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	115695	47.227	ug/L	99
71) Naphthalene	13.448	128	331538	49.474	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	124027	51.057	ug/L	99

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

