

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030584.D
 Acq On : 17 Apr 2023 13:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

Quant Time: Apr 18 02:39:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:32:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	275145	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	262255	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	148166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	90279	44.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.520%
7) Chloroethane-d5	1.536	69	71185	42.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.220%
11) 1,1-Dichloroethene-d2	2.063	65	41942	43.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.700%
21) 2-Butanone-d5	3.802	46	128001	115.538	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.540%
24) Chloroform-d	4.256	84	173986	47.598	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	4.950	65	116579	49.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.220%
32) Benzene-d6	4.966	84	318510	51.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.740%
36) 1,2-Dichloropropane-d6	5.995	67	98762	51.278	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.560%
41) Toluene-d8	7.249	98	292827	50.300	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	7.558	79	53007	54.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.200%
47) 2-Hexanone-d5	8.034	63	86542	114.061	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.060%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	145018	51.889	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.780%
66) 1,2-Dichlorobenzene-d4	11.571	152	117211	49.770	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	101080	42.729	ug/L	99
3) Chloromethane	1.217	50	138337	44.580	ug/L	99
5) Vinyl chloride	1.288	62	108789	43.484	ug/L	98
6) Bromomethane	1.494	94	47478	47.859	ug/L	97
8) Chloroethane	1.555	64	73464	42.812	ug/L	99
9) Trichlorofluoromethane	1.716	101	173393	42.762	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	93191	43.732	ug/L	98
12) 1,1-Dichloroethene	2.076	96	85188	44.217	ug/L	92
13) Acetone	2.130	43	144395	84.229	ug/L	98
14) Carbon disulfide	2.246	76	248512	45.668	ug/L	98
15) Methyl Acetate	2.381	43	123856	54.139	ug/L	100
16) Methylene chloride	2.452	84	108711	49.308	ug/L	97
17) trans-1,2-Dichloroethene	2.700	96	92872	47.750	ug/L	98
18) Methyl tert-butyl Ether	2.709	73	348886	56.003	ug/L	99
19) 1,1-Dichloroethane	3.117	63	188530	47.543	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	106009	50.105	ug/L	97
22) 2-Butanone	3.883	43	179269	101.191	ug/L	99
23) Bromochloromethane	4.156	128	58550	49.549	ug/L	96
25) Chloroform	4.285	83	195130	47.542	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	172872	49.757	ug/L	98
29) Cyclohexane	4.593	56	152652	48.504	ug/L	99
30) 1,1,1-Trichloroethane	4.519	97	169107	45.890	ug/L	99
31) Carbon tetrachloride	4.744	117	148346	45.025	ug/L	100
33) Benzene	5.018	78	403254	50.636	ug/L	100
34) Trichloroethene	5.841	95	99999	48.274	ug/L	97
35) Methylcyclohexane	6.059	83	156334	48.164	ug/L	99
37) 1,2-Dichloropropane	6.098	63	107725	50.256	ug/L	99
38) Bromodichloromethane	6.439	83	150949	50.131	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	174382	54.204	ug/L	98
40) 4-Methyl-2-pentanone	7.166	43	342297	114.318	ug/L	99
42) Toluene	7.320	91	423424	49.639	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	170618	53.981	ug/L	99
45) 1,1,2-Trichloroethane	7.773	97	110760	51.531	ug/L	99
46) Tetrachloroethene	7.912	164	84461	46.582	ug/L	99
48) 2-Hexanone	8.082	43	268352	108.618	ug/L	99
49) Dibromochloromethane	8.185	129	118182	49.848	ug/L	98
50) 1,2-Dibromoethane	8.288	107	116883	52.482	ug/L	97
51) Chlorobenzene	8.821	112	273217	48.363	ug/L	98
52) Ethylbenzene	8.953	91	466168	49.365	ug/L	99
53) m,p-Xylene	9.079	106	177387	49.730	ug/L	99
54) o-Xylene	9.487	106	173321	49.669	ug/L	100
55) Styrene	9.503	104	313067	51.074	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	181029	51.298	ug/L	97
59) Bromoform	9.673	173	96562	52.054	ug/L	100
60) Isopropylbenzene	9.876	105	461468	49.940	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	138335	52.128	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	386871	50.850	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	388817	51.185	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	232590	50.276	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	238205	48.829	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	233538	50.039	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	40269	51.218	ug/L	98
69) 1,3,5-Trichlorobenzene	12.593	180	177985	50.930	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	152877	51.522	ug/L	99
71) Naphthalene	13.448	128	467753	57.627	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	155649	52.900	ug/L	99

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

