

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071421\
 Data File : VW021659.D
 Acq On : 14 Jul 2021 17:36
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

Quant Time: Jul 15 02:00:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 15 01:57:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	457397	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	429949	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	228329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	127513	44.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.120%
7) Chloroethane-d5	1.558	69	104395	44.137	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.280%
11) 1,1-Dichloroethene-d2	2.105	63	230984	43.624	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.240%
21) 2-Butanone-d5	3.873	46	240819	97.435	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.440%
24) Chloroform-d	4.349	84	280807	46.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
26) 1,2-Dichloroethane-d4	5.034	65	167146	46.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
32) Benzene-d6	5.050	84	563810	46.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	6.072	67	179386	47.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.220%
41) Toluene-d8	7.317	98	523734	46.911	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.820%
43) trans-1,3-Dichloroprop...	7.622	79	88466	46.708	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.420%
47) 2-Hexanone-d5	8.088	63	177222	100.343	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	256845	50.068	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.140%
66) 1,2-Dichlorobenzene-d4	11.625	152	217406	47.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	165253	41.772	ug/L	98
3) Chloromethane	1.240	50	169804	44.584	ug/L	100
5) Vinyl chloride	1.307	62	164610	43.657	ug/L	99
6) Bromomethane	1.507	94	98412	44.789	ug/L	98
8) Chloroethane	1.574	64	97558	45.004	ug/L	100
9) Trichlorofluoromethane	1.748	101	222580	46.905	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	123308	45.359	ug/L	99
12) 1,1-Dichloroethene	2.114	96	117489	44.977	ug/L	97
13) Acetone	2.159	43	143446	70.204	ug/L #	100
14) Carbon disulfide	2.291	76	375919	40.818	ug/L	100
15) Methyl Acetate	2.426	43	173725	45.754	ug/L	100
16) Methylene chloride	2.503	84	158486	44.693	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	143226	44.943	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	476462	46.162	ug/L	99
19) 1,1-Dichloroethane	3.188	63	270440	46.587	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	166028	46.851	ug/L	98
22) 2-Butanone	3.957	43	237093	84.019	ug/L	96
23) Bromochloromethane	4.249	128	88754	47.450	ug/L	96
25) Chloroform	4.375	83	273643	46.237	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	198668	46.153	ug/L	99
29) Cyclohexane	4.677	56	233099	42.936	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	244311	45.198	ug/L	99
31) Carbon tetrachloride	4.828	117	213010	44.746	ug/L	99
33) Benzene	5.101	78	609126	46.553	ug/L	100
34) Trichloroethene	5.915	95	158796	44.897	ug/L	99
35) Methylcyclohexane	6.133	83	241429	42.995	ug/L	100
37) 1,2-Dichloropropane	6.175	63	156650	46.059	ug/L	99
38) Bromodichloromethane	6.513	83	208605	45.386	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	253800	45.253	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	463041	92.747	ug/L	100
42) Toluene	7.391	91	653708	46.643	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	239085	45.648	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	158239	47.360	ug/L	99
46) Tetrachloroethene	7.979	164	128498	45.679	ug/L	97
48) 2-Hexanone	8.140	43	345602	87.578	ug/L	99
49) Dibromochloromethane	8.249	129	180079	46.800	ug/L	97
50) 1,2-Dibromoethane	8.355	107	169722	46.330	ug/L	98
51) Chlorobenzene	8.883	112	427827	46.908	ug/L	99
52) Ethylbenzene	9.014	91	702420	46.133	ug/L	100
53) m,p-Xylene	9.140	106	270960	46.372	ug/L	100
54) o-Xylene	9.545	106	274352	47.063	ug/L	98
55) Styrene	9.561	104	460015	46.700	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	255990	49.150	ug/L	99
59) Bromoform	9.735	173	135220	46.076	ug/L	99
60) Isopropylbenzene	9.934	105	711534	45.688	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	203829	46.179	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	603253	45.450	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	607984	45.264	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	338760	46.258	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	337187	46.065	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	343476	46.801	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	56229	42.972	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	246818	45.099	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	212267	45.099	ug/L	99
71) Naphthalene	13.503	128	655977	45.763	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	217753	46.842	ug/L	99

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

