

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012221\
 Data File : VW020149.D
 Acq On : 22 Jan 2021 20:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Quant Time: Jan 23 00:19:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 23 00:14:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	450185	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	418711	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	235296	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	153496	45.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.94%
7) Chloroethane-d5	1.569	69	133062	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.110	63	310631	46.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.16%
21) 2-Butanone-d5	3.894	46	237142	103.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.56%
24) Chloroform-d	4.354	84	317782	50.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.62%
26) 1,2-Dichloroethane-d4	5.035	65	212112	48.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.86%
32) Benzene-d6	5.055	84	597240	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.074	67	190573	52.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.70%
41) Toluene-d8	7.318	98	553189	51.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.14%
43) trans-1,3-Dichloroprop...	7.624	79	91298	51.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.52%
47) 2-Hexanone-d5	8.093	63	167676	110.81	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.81%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	240727	48.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.62%
64) 1,2-Dichlorobenzene-d4	11.633	152	232909	52.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.36%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	160332	42.39	ug/L	100
3) Chloromethane	1.241	50	177783	47.09	ug/L	99
5) Vinyl chloride	1.312	62	181686	46.59	ug/L	100
6) Bromomethane	1.524	94	105378	42.84	ug/L	97
8) Chloroethane	1.585	64	120120	48.04	ug/L	98
9) Trichlorofluoromethane	1.753	101	260631	46.90	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	139679	43.87	ug/L	94
12) 1,1-Dichloroethene	2.119	96	141262	46.18	ug/L	85
13) Acetone	2.187	43	178304	90.51	ug/L	99
14) Carbon disulfide	2.296	76	375878	42.19	ug/L	99
15) Methyl Acetate	2.438	43	175997	48.57	ug/L	100
16) Methylene chloride	2.508	84	152632	45.96	ug/L	99
17) trans-1,2-Dichloroethene	2.762	96	137911	45.39	ug/L	97
18) Methyl tert-butyl Ether	2.772	73	476113	48.40	ug/L	99
19) 1,1-Dichloroethane	3.193	63	272882	47.05	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	163888	50.32	ug/L	97
22) 2-Butanone	3.974	43	261009	105.44	ug/L	97
23) Bromochloromethane	4.251	128	87494	51.27	ug/L	94
25) Chloroform	4.380	83	317279	52.14	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	263477	50.74	ug/L	100
29) Cyclohexane	4.682	56	242034	49.69	ug/L	97
30) 1,1,1-Trichloroethane	4.614	97	268154	51.48	ug/L	99
31) Carbon tetrachloride	4.833	117	227346	50.75	ug/L	99
33) Benzene	5.103	78	665320	52.88	ug/L	100
34) Trichloroethene	5.920	95	182719	51.36	ug/L	94
35) Methylcyclohexane	6.135	83	244780	48.17	ug/L	97
37) 1,2-Dichloropropane	6.177	63	176840	53.77	ug/L	99
38) Bromodichloromethane	6.515	83	232614	51.65	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	270563	53.22	ug/L	99
40) 4-Methyl-2-pentanone	7.232	43	543407	110.26	ug/L	99
42) Toluene	7.392	91	684864	51.30	ug/L	98
44) trans-1,3-Dichloropropene	7.656	75	256119	53.09	ug/L	99
45) 1,1,2-Trichloroethane	7.842	97	174812	53.98	ug/L	98
46) Tetrachloroethene	7.981	164	128614	48.43	ug/L	95
48) 2-Hexanone	8.145	43	427096	111.94	ug/L	98
49) Dibromochloromethane	8.251	129	174408	49.84	ug/L	100
50) 1,2-Dibromoethane	8.357	107	183226	51.77	ug/L	100
51) Chlorobenzene	8.884	112	450331	51.32	ug/L	99
52) Ethylbenzene	9.016	91	748890	50.95	ug/L	98
53) m,p-Xylene	9.145	106	288551	53.91	ug/L	97
54) o-xylene	9.550	106	292081	54.27	ug/L	96
55) Styrene	9.566	104	518331	55.04	ug/L	97
56) Isopropylbenzene	9.936	105	759303	52.84	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.247	83	244563	50.12	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	208743	48.06	ug/L	99
61) Bromoform	9.736	173	117366	49.07	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	357576	49.95	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	371636	49.82	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	381602	52.61	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.437	75	60411	50.25	ug/L	87
67) 1,3,5-Trichlorobenzene	12.653	180	279157	50.33	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	214058	43.70	ug/L	99
69) Naphthalene	13.511	128	670438	47.18	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	215979	44.85	ug/L	99

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

