

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012821\
 Data File : VW020189.D
 Acq On : 27 Jan 2021 13:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05081

Quant Time: Jan 28 05:44:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 12:43:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	924880	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	917170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	522829	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	361850	56.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.66%
7) Chloroethane-d5	1.569	69	287726	58.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.46%
11) 1,1-Dichloroethene-d2	2.110	63	515725	55.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.20%
21) 2-Butanone-d5	3.897	46	423404	104.45	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.45%
24) Chloroform-d	4.354	84	586339	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
26) 1,2-Dichloroethane-d4	5.035	65	364478	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.055	84	1155613	48.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.38%
36) 1,2-Dichloropropane-d6	6.074	67	351268	48.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.06%
41) Toluene-d8	7.318	98	1104914	49.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.98%
43) trans-1,3-Dichloroprop...	7.624	79	184514	51.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.96%
47) 2-Hexanone-d5	8.090	63	345402	106.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.91%
57) 1,1,2,2-Tetrachloroeth...	10.222	84	554564	55.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.68%
64) 1,2-Dichlorobenzene-d4	11.630	152	514760	51.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.86%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	339337	50.80	ug/L	100
3) Chloromethane	1.241	50	385816	52.53	ug/L	100
5) Vinyl chloride	1.312	62	370987	54.66	ug/L	100
6) Bromomethane	1.524	94	223323	57.42	ug/L	98
8) Chloroethane	1.585	64	230837	57.43	ug/L	98
9) Trichlorofluoromethane	1.753	101	459819	49.17	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	240167	50.71	ug/L #	83
12) 1,1-Dichloroethene	2.119	96	246661	53.98	ug/L	75
13) Acetone	2.193	43	259698	111.23	ug/L	94
14) Carbon disulfide	2.296	76	746452	50.33	ug/L	99
15) Methyl Acetate	2.438	43	302361	49.40	ug/L	96
16) Methylene chloride	2.508	84	293984	49.32	ug/L	90
17) trans-1,2-Dichloroethene	2.762	96	284196	50.57	ug/L	94
18) Methyl tert-butyl Ether	2.772	73	896467	50.38	ug/L	95
19) 1,1-Dichloroethane	3.193	63	510531	48.94	ug/L	98
20) cis-1,2-Dichloroethene	3.913	96	314794	50.41	ug/L	86
22) 2-Butanone	3.981	43	423719	95.29	ug/L	95
23) Bromochloromethane	4.254	128	172040	51.57	ug/L #	78
25) Chloroform	4.380	83	546489	48.97	ug/L	98

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

27) 1,2-Dichloroethane	5.135	62	409775	46.04	ug/L	96
29) Cyclohexane	4.682	56	423315	44.02	ug/L	93
30) 1,1,1-Trichloroethane	4.611	97	486511	45.91	ug/L	95
31) Carbon tetrachloride	4.833	117	427182	46.57	ug/L	99
33) Benzene	5.103	78	1163783	46.42	ug/L	100
34) Trichloroethene	5.920	95	313080	46.57	ug/L	90
35) Methylcyclohexane	6.135	83	439991	44.78	ug/L	94
37) 1,2-Dichloropropane	6.177	63	299131	47.79	ug/L #	97
38) Bromodichloromethane	6.515	83	406403	46.61	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	493790	49.32	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	844882	93.59	ug/L #	94
42) Toluene	7.392	91	1291158	48.39	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	475107	49.15	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	312086	49.94	ug/L	95
46) Tetrachloroethene	7.981	164	282447	49.94	ug/L	91
48) 2-Hexanone	8.142	43	663674	99.85	ug/L #	92
49) Dibromochloromethane	8.251	129	357347	50.95	ug/L	97
50) 1,2-Dibromoethane	8.357	107	340561	50.42	ug/L #	100
51) Chlorobenzene	8.887	112	881884	49.84	ug/L	96
52) Ethylbenzene	9.016	91	1486746	51.97	ug/L	98
53) m,p-Xylene	9.145	106	566356	50.84	ug/L	95
54) o-xylene	9.550	106	574162	54.22	ug/L	96
55) Styrene	9.566	104	1027468	55.08	ug/L	95
56) Isopropylbenzene	9.936	105	1573248	55.16	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.248	83	546096	53.21	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	442090	52.93	ug/L	98
61) Bromoform	9.736	173	293250	52.23	ug/L #	97
62) 1,3-Dichlorobenzene	11.186	146	778103	51.43	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	799076	50.96	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	787025	49.96	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.437	75	133732	53.70	ug/L #	78
67) 1,3,5-Trichlorobenzene	12.653	180	647856	48.98	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	603538	50.16	ug/L	96
69) Naphthalene	13.511	128	1809129	52.65	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	602406	50.36	ug/L	97

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

