

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012821\
 Data File : VW020205.D
 Acq On : 27 Jan 2021 20:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05082

Quant Time: Jan 28 05:52:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 28 05:47:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	871007	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	877664	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	491829	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	258357	42.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.42%		
7) Chloroethane-d5	1.569	69	201011	43.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.40%		
11) 1,1-Dichloroethene-d2	2.110	63	461670	52.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.76%		
21) 2-Butanone-d5	3.891	46	371519	97.32	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.32%		
24) Chloroform-d	4.354	84	553581	50.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.60%		
26) 1,2-Dichloroethane-d4	5.036	65	343900	48.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.60%		
32) Benzene-d6	5.055	84	1057398	46.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.10%		
36) 1,2-Dichloropropane-d6	6.074	67	330165	47.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.36%		
41) Toluene-d8	7.318	98	1044694	49.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.80%		
43) trans-1,3-Dichloroprop...	7.624	79	161278	47.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.04%		
47) 2-Hexanone-d5	8.090	63	310628	100.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.47%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	431326	45.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.78%		
64) 1,2-Dichlorobenzene-d4	11.630	152	469388	49.86	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.72%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	276849	44.00	ug/L	100
3) Chloromethane	1.241	50	291903	42.20	ug/L	98
5) Vinyl chloride	1.312	62	279014	43.66	ug/L	99
6) Bromomethane	1.524	94	168599	46.03	ug/L	95
8) Chloroethane	1.586	64	162514	42.93	ug/L	98
9) Trichlorofluoromethane	1.753	101	389538	44.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	229913	51.55	ug/L #	84
12) 1,1-Dichloroethene	2.119	96	229528	53.33	ug/L	72
13) Acetone	2.184	43	224431	102.07	ug/L	94
14) Carbon disulfide	2.296	76	657494	47.07	ug/L	99
15) Methyl Acetate	2.434	43	278946	48.39	ug/L	95
16) Methylene chloride	2.508	84	292957	52.18	ug/L	89
17) trans-1,2-Dichloroethene	2.762	96	272408	51.47	ug/L	92
18) Methyl tert-butyl Ether	2.769	73	849422	50.69	ug/L	96
19) 1,1-Dichloroethane	3.193	63	475669	48.42	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	289817	49.28	ug/L	87
22) 2-Butanone	3.974	43	372947	89.06	ug/L	96
23) Bromochloromethane	4.254	128	170924	54.40	ug/L #	80
25) Chloroform	4.383	83	535386	50.94	ug/L	96

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

27) 1,2-Dichloroethane	5.135	62	429542	51.24	ug/L	95
29) Cyclohexane	4.679	56	390475	42.43	ug/L	92
30) 1,1,1-Trichloroethane	4.611	97	481967	47.53	ug/L	96
31) Carbon tetrachloride	4.833	117	395014	45.00	ug/L	99
33) Benzene	5.103	78	1127555	47.00	ug/L	100
34) Trichloroethene	5.917	95	295841	45.99	ug/L	91
35) Methylcyclohexane	6.135	83	415719	44.22	ug/L	95
37) 1,2-Dichloropropane	6.180	63	297492	49.66	ug/L #	97
38) Bromodichloromethane	6.515	83	412106	49.39	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	445939	46.55	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	833924	96.54	ug/L	95
42) Toluene	7.392	91	1221336	47.83	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	435484	47.08	ug/L	99
45) 1,1,2-Trichloroethane	7.843	97	315541	52.77	ug/L	97
46) Tetrachloroethene	7.981	164	257401	47.56	ug/L	93
48) 2-Hexanone	8.142	43	669998	105.34	ug/L #	95
49) Dibromochloromethane	8.251	129	339845	50.64	ug/L	99
50) 1,2-Dibromoethane	8.357	107	303110	46.90	ug/L #	98
51) Chlorobenzene	8.884	112	800152	47.25	ug/L	96
52) Ethylbenzene	9.016	91	1270208	46.40	ug/L	97
53) m,p-Xylene	9.145	106	497871	46.71	ug/L	92
54) o-xylene	9.550	106	500127	49.36	ug/L	95
55) Styrene	9.566	104	891890	49.97	ug/L	95
56) Isopropylbenzene	9.936	105	1377226	50.46	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.248	83	433693	44.16	ug/L #	99
59) 1,2,3-Trichloropropane	10.280	75	352049	44.05	ug/L	99
61) Bromoform	9.736	173	265024	50.18	ug/L #	98
62) 1,3-Dichlorobenzene	11.186	146	725931	51.01	ug/L	96
63) 1,4-Dichlorobenzene	11.280	146	730092	49.50	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	723899	48.85	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.434	75	110220	47.05	ug/L #	71
67) 1,3,5-Trichlorobenzene	12.653	180	592942	47.66	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	526312	46.50	ug/L	96
69) Naphthalene	13.511	128	1626765	50.32	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	536200	47.65	ug/L	97

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

