

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011821\
 Data File : VW020050.D
 Acq On : 18 Jan 2021 17:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Jan 19 02:52:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 19 02:46:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	420862	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	450458	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	250361	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	183545	51.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.40%
7) Chloroethane-d5	1.569	69	149905	52.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.110	63	367692	52.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.18%
21) 2-Butanone-d5	3.897	46	257076	111.63	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.63%
24) Chloroform-d	4.354	84	321798	50.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.64%
26) 1,2-Dichloroethane-d4	5.036	65	223956	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.04%
32) Benzene-d6	5.055	84	579785	45.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.074	67	178758	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.06%
41) Toluene-d8	7.322	98	531188	46.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.20%
43) trans-1,3-Dichloroprop...	7.624	79	103370	50.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.36%
47) 2-Hexanone-d5	8.093	63	213611	134.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	134.23%#
57) 1,1,2,2-Tetrachloroeth...	10.222	84	281485	52.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.92%
64) 1,2-Dichlorobenzene-d4	11.630	152	242771	50.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.129	85	194473	47.82	ug/L	98
3) Chloromethane	1.242	50	179507	46.06	ug/L	100
5) Vinyl chloride	1.312	62	203119	51.50	ug/L	98
6) Bromomethane	1.524	94	116115	47.20	ug/L	96
8) Chloroethane	1.586	64	125653	51.76	ug/L	99
9) Trichlorofluoromethane	1.753	101	302079	54.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	169652	55.12	ug/L	93
12) 1,1-Dichloroethene	2.119	96	165387	55.72	ug/L	90
13) Acetone	2.190	43	197208	96.92	ug/L	97
14) Carbon disulfide	2.296	76	398171	45.15	ug/L	100
15) Methyl Acetate	2.438	43	181806	52.65	ug/L	98
16) Methylene chloride	2.508	84	156408	49.59	ug/L	100
17) trans-1,2-Dichloroethene	2.762	96	146852	49.37	ug/L	98
18) Methyl tert-butyl Ether	2.772	73	513982	53.05	ug/L	97
19) 1,1-Dichloroethane	3.193	63	287957	50.62	ug/L	99
20) cis-1,2-Dichloroethene	3.917	96	160223	50.44	ug/L	99
22) 2-Butanone	3.981	43	265166	108.16	ug/L	98
23) Bromochloromethane	4.254	128	83044	50.02	ug/L	93
25) Chloroform	4.383	83	304948	51.00	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.135	62	262935	52.62	ug/L	98
29) Cyclohexane	4.682	56	238556	44.79	ug/L	96
30) 1,1,1-Trichloroethane	4.614	97	273571	46.17	ug/L	99
31) Carbon tetrachloride	4.833	117	225037	44.54	ug/L	98
33) Benzene	5.103	78	607157	46.43	ug/L	100
34) Trichloroethene	5.920	95	169653	45.27	ug/L	99
35) Methylcyclohexane	6.135	83	239381	44.70	ug/L	99
37) 1,2-Dichloropropane	6.177	63	163341	48.15	ug/L	99
38) Bromodichloromethane	6.515	83	225911	46.11	ug/L	99
39) cis-1,3-Dichloropropene	7.032	75	278410	52.42	ug/L	97
40) 4-Methyl-2-pentanone	7.232	43	524412	100.62	ug/L	99
42) Toluene	7.392	91	646498	46.43	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	281614	52.26	ug/L	100
45) 1,1,2-Trichloroethane	7.843	97	189692	56.90	ug/L	98
46) Tetrachloroethene	7.981	164	148171	55.07	ug/L	99
48) 2-Hexanone	8.145	43	474836	115.82	ug/L	96
49) Dibromochloromethane	8.251	129	205483	55.81	ug/L	99
50) 1,2-Dibromoethane	8.357	107	208555	58.31	ug/L	99
51) Chlorobenzene	8.888	112	464842	50.40	ug/L	99
52) Ethylbenzene	9.016	91	749823	47.41	ug/L	100
53) m,p-Xylene	9.145	106	264841	45.85	ug/L	99
54) o-xylene	9.547	106	265067	46.61	ug/L	100
55) Styrene	9.566	104	461310	46.93	ug/L	100
56) Isopropylbenzene	9.936	105	803455	52.24	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.248	83	277301	53.13	ug/L	99
59) 1,2,3-Trichloropropane	10.280	75	241362	52.32	ug/L	99
61) Bromoform	9.736	173	109947	43.13	ug/L	99
62) 1,3-Dichlorobenzene	11.186	146	381900	50.83	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	387003	50.20	ug/L	99
65) 1,2-Dichlorobenzene	11.649	146	379297	50.11	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.437	75	68279	51.87	ug/L	93
67) 1,3,5-Trichlorobenzene	12.653	180	284382	50.40	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	250445	50.21	ug/L	98
69) Naphthalene	13.508	128	772633	53.55	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	249907	51.61	ug/L	100

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

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