

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020405.D
 Acq On : 24 Feb 2021 21:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050169

Quant Time: Feb 25 00:40:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:44:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	580164	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	568862	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	314698	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	148773	51.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.64%
7) Chloroethane-d5	1.568	69	131115	51.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.22%
11) 1,1-Dichloroethene-d2	2.111	63	303353	51.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.42%
21) 2-Butanone-d5	3.892	46	233864	108.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.20%
24) Chloroform-d	4.352	84	341418	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
26) 1,2-Dichloroethane-d4	5.037	65	215462	51.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.90%
32) Benzene-d6	5.053	84	655300	52.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.76%
36) 1,2-Dichloropropane-d6	6.072	67	204040	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.20%
41) Toluene-d8	7.320	98	631671	53.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.92%
43) trans-1,3-Dichloroprop...	7.625	79	100400	53.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.30%
47) 2-Hexanone-d5	8.092	63	174171	113.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.26%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	299315	54.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.82%
66) 1,2-Dichlorobenzene-d4	11.632	152	287604	52.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.62%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	235900	49.90	ug/L	100
3) Chloromethane	1.243	50	211993	52.16	ug/L	100
5) Vinyl chloride	1.310	62	229304	51.98	ug/L	99
6) Bromomethane	1.523	94	146638	50.74	ug/L	100
8) Chloroethane	1.587	64	139265	51.77	ug/L	98
9) Trichlorofluoromethane	1.754	101	335446	50.92	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	175407	48.62	ug/L	95
12) 1,1-Dichloroethene	2.121	96	173042	51.38	ug/L	95
13) Acetone	2.185	43	157415	98.95	ug/L	99
14) Carbon disulfide	2.298	76	446611	50.74	ug/L	100
15) Methyl Acetate	2.436	43	175123	52.81	ug/L	98
16) Methylene chloride	2.510	84	197187	51.54	ug/L	99
17) trans-1,2-Dichloroethene	2.764	96	183103	52.14	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	557085	52.58	ug/L	97
19) 1,1-Dichloroethane	3.195	63	330108	51.57	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	203609	52.33	ug/L	93
22) 2-Butanone	3.976	43	242311	107.33	ug/L	96
23) Bromochloromethane	4.252	128	111925	53.31	ug/L	92
25) Chloroform	4.378	83	365832	52.20	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	270872	52.14	ug/L	99
29) Cyclohexane	4.683	56	252948	50.04	ug/L	94
30) 1,1,1-Trichloroethane	4.613	97	313723	52.45	ug/L	98
31) Carbon tetrachloride	4.834	117	268351	51.54	ug/L	100
33) Benzene	5.105	78	755067	52.88	ug/L	100
34) Trichloroethene	5.918	95	210778	50.77	ug/L	96
35) Methylcyclohexane	6.137	83	267487	48.10	ug/L	96
37) 1,2-Dichloropropane	6.178	63	192675	52.99	ug/L	99
38) Bromodichloromethane	6.513	83	260235	52.20	ug/L	97
39) cis-1,3-Dichloropropene	7.031	75	296728	53.70	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	489117	108.84	ug/L	95
42) Toluene	7.391	91	831418	53.29	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	291637	54.07	ug/L	99
45) 1,1,2-Trichloroethane	7.844	97	200633	52.66	ug/L	99
46) Tetrachloroethene	7.979	164	169660	50.86	ug/L	98
48) 2-Hexanone	8.143	43	378855	109.09	ug/L	94
49) Dibromochloromethane	8.249	129	219729	53.38	ug/L	97
50) 1,2-Dibromoethane	8.355	107	214257	52.88	ug/L	99
51) Chlorobenzene	8.886	112	556123	50.99	ug/L	98
52) Ethylbenzene	9.018	91	910141	52.54	ug/L	97
53) m,p-Xylene	9.143	106	349825	52.83	ug/L	99
54) o-Xylene	9.548	106	347232	53.41	ug/L	98
55) Styrene	9.564	104	609056	54.58	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	302920	53.96	ug/L	100
59) Bromoform	9.738	173	158040	53.64	ug/L	99
60) Isopropylbenzene	9.937	105	910560	52.76	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	256447	51.83	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	763123	53.98	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	794378	54.83	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	470431	51.84	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	479139	50.78	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	480041	52.93	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	64896	56.46	ug/L	99
69) 1,3,5-Trichlorobenzene	12.651	180	359853	50.85	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	326158	53.09	ug/L	99
71) Naphthalene	13.509	128	986207	58.08	ug/L	100
72) 1,2,3-Trichlorobenzene	13.754	180	337238	54.61	ug/L	99

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

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