

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021121\
 Data File : VW020293.D
 Acq On : 11 Feb 2021 09:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Feb 12 00:20:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 01:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	593529	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	576073	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	322594	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	178859	41.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.66%
7) Chloroethane-d5	1.568	69	155551	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.108	63	369218	45.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.28%
21) 2-Butanone-d5	3.883	46	221675	91.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.69%
24) Chloroform-d	4.349	84	351876	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.031	65	220811	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
32) Benzene-d6	5.050	84	668798	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
36) 1,2-Dichloropropane-d6	6.072	67	203363	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.28%
41) Toluene-d8	7.317	98	634332	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%
43) trans-1,3-Dichloroprop...	7.622	79	103303	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.088	63	167777	90.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.51%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	296979	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.632	152	272016	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	252008	47.75	ug/L	99
3) Chloromethane	1.240	50	212743	45.35	ug/L	99
5) Vinyl chloride	1.310	62	240885	47.69	ug/L	99
6) Bromomethane	1.523	94	157719	49.96	ug/L	97
8) Chloroethane	1.584	64	158022	50.02	ug/L	98
9) Trichlorofluoromethane	1.751	101	348395	48.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	201122	52.65	ug/L	94
12) 1,1-Dichloroethene	2.117	96	185135	50.28	ug/L	75
13) Acetone	2.172	43	173264	101.52	ug/L	96
14) Carbon disulfide	2.294	76	519707	47.89	ug/L	100
15) Methyl Acetate	2.429	43	172423	47.49	ug/L	92
16) Methylene chloride	2.507	84	199064	49.36	ug/L	89
17) trans-1,2-Dichloroethene	2.757	96	188908	49.49	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	551166	47.55	ug/L	97
19) 1,1-Dichloroethane	3.188	63	341499	49.25	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	204254	49.75	ug/L	87
22) 2-Butanone	3.963	43	249157	102.66	ug/L	95
23) Bromochloromethane	4.246	128	108399	48.83	ug/L #	80
25) Chloroform	4.375	83	358664	49.40	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	280731	48.83	ug/L	98
29) Cyclohexane	4.677	56	284268	48.67	ug/L	89
30) 1,1,1-Trichloroethane	4.606	97	315177	49.27	ug/L	97
31) Carbon tetrachloride	4.828	117	272170	48.92	ug/L	99
33) Benzene	5.098	78	769284	49.94	ug/L	100
34) Trichloroethene	5.915	95	211875	50.06	ug/L	93
35) Methylcyclohexane	6.133	83	319265	49.82	ug/L	93
37) 1,2-Dichloropropane	6.175	63	195281	50.05	ug/L	98
38) Bromodichloromethane	6.510	83	265898	49.58	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	299198	48.43	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	477471	97.06	ug/L #	93
42) Toluene	7.387	91	845140	49.88	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	298614	49.70	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	196862	49.03	ug/L	98
46) Tetrachloroethene	7.979	164	166758	48.21	ug/L	94
48) 2-Hexanone	8.140	43	368611	97.94	ug/L #	90
49) Dibromochloromethane	8.249	129	215601	48.66	ug/L	98
50) 1,2-Dibromoethane	8.355	107	210877	49.03	ug/L #	99
51) Chlorobenzene	8.886	112	554743	48.81	ug/L	96
52) Ethylbenzene	9.014	91	934296	49.93	ug/L	99
53) m,p-Xylene	9.143	106	354795	49.79	ug/L	94
54) o-xylene	9.548	106	341766	49.27	ug/L	94
55) Styrene	9.564	104	609216	51.04	ug/L	94
56) Isopropylbenzene	9.937	105	942474	50.63	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	305787	48.33	ug/L	96
59) 1,2,3-Trichloropropane	10.278	75	253968	48.55	ug/L	99
61) Bromoform	9.735	173	156114	47.56	ug/L #	99
62) 1,3-Dichlorobenzene	11.188	146	467285	48.97	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	479788	49.03	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	466072	48.92	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	67710	46.33	ug/L	83
67) 1,3,5-Trichlorobenzene	12.654	180	368437	49.44	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	328148	49.63	ug/L	98
69) Naphthalene	13.509	128	962270	50.82	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	333238	50.62	ug/L	98

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

