

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030421\
 Data File : VW020464.D
 Acq On : 04 Mar 2021 12:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Mar 04 12:56:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 04 00:36:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	507780	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	507611	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	301712	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	150413	40.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.26%		
7) Chloroethane-d5	1.568	69	133893	44.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.16%		
11) 1,1-Dichloroethene-d2	2.111	63	288723	41.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.52%		
21) 2-Butanone-d5	3.892	46	219432	106.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	106.09%		
24) Chloroform-d	4.352	84	334579	50.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.58%		
26) 1,2-Dichloroethane-d4	5.034	65	207933	49.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.58%		
32) Benzene-d6	5.053	84	648820	49.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.66%		
36) 1,2-Dichloropropane-d6	6.072	67	200790	51.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.28%		
41) Toluene-d8	7.320	98	628094	50.82	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.64%		
43) trans-1,3-Dichloroprop...	7.625	79	97497	48.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.42%		
47) 2-Hexanone-d5	8.091	63	165929	101.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.58%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	291307	51.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	103.34%		
64) 1,2-Dichlorobenzene-d4	11.631	152	299571	52.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.94%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	226445	50.15	ug/L	99
3) Chloromethane	1.243	50	182878	45.57	ug/L	99
5) Vinyl chloride	1.310	62	200174	46.32	ug/L	100
6) Bromomethane	1.523	94	131735	48.77	ug/L	94
8) Chloroethane	1.587	64	122920	45.48	ug/L	99
9) Trichlorofluoromethane	1.754	101	320763	52.23	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	181425	55.51	ug/L #	85
12) 1,1-Dichloroethene	2.117	96	162845	51.70	ug/L	71
13) Acetone	2.188	43	151655	103.87	ug/L	91
14) Carbon disulfide	2.294	76	398922	42.97	ug/L	100
15) Methyl Acetate	2.436	43	150360	48.40	ug/L #	89
16) Methylene chloride	2.510	84	177324	51.39	ug/L	84
17) trans-1,2-Dichloroethene	2.760	96	167422	51.26	ug/L	87
18) Methyl tert-butyl Ether	2.770	73	490436	49.45	ug/L #	93
19) 1,1-Dichloroethane	3.191	63	293267	49.44	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	183811	52.33	ug/L	82
22) 2-Butanone	3.979	43	221747	106.79	ug/L	91
23) Bromochloromethane	4.249	128	104530	55.04	ug/L #	74
25) Chloroform	4.378	83	334066	53.78	ug/L	99

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

27) 1,2-Dichloroethane	5.133	62	238998	48.59	ug/L #	95
29) Cyclohexane	4.680	56	235975	45.85	ug/L	87
30) 1,1,1-Trichloroethane	4.609	97	288663	51.21	ug/L	94
31) Carbon tetrachloride	4.831	117	253443	51.70	ug/L	99
33) Benzene	5.101	78	689149	50.77	ug/L	100
34) Trichloroethene	5.915	95	199087	53.38	ug/L	91
35) Methylcyclohexane	6.133	83	276420	48.95	ug/L	91
37) 1,2-Dichloropropane	6.175	63	172150	50.07	ug/L #	96
38) Bromodichloromethane	6.513	83	235347	49.80	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	270630	49.71	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	421533	97.24	ug/L #	89
42) Toluene	7.390	91	777856	52.10	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	264156	49.89	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	187560	53.01	ug/L	96
46) Tetrachloroethene	7.979	164	171006	56.11	ug/L	93
48) 2-Hexanone	8.143	43	332331	100.21	ug/L #	88
49) Dibromochloromethane	8.249	129	207223	53.08	ug/L	99
50) 1,2-Dibromoethane	8.355	107	199192	52.55	ug/L #	100
51) Chlorobenzene	8.886	112	526314	52.55	ug/L	94
52) Ethylbenzene	9.017	91	855066	51.86	ug/L	97
53) m,p-Xylene	9.143	106	334008	53.20	ug/L	91
54) o-xylene	9.548	106	325386	53.24	ug/L	93
55) Styrene	9.564	104	580954	55.23	ug/L	92
56) Isopropylbenzene	9.937	105	877487	53.50	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.246	83	268474	48.16	ug/L #	97
59) 1,2,3-Trichloropropane	10.278	75	236166	51.23	ug/L	100
61) Bromoform	9.738	173	151445	49.33	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	463722	51.96	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	476782	52.10	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	464653	52.15	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	56205	41.12	ug/L #	72
67) 1,3,5-Trichlorobenzene	12.654	180	370963	53.23	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	325627	52.66	ug/L	97
69) Naphthalene	13.509	128	903693	51.03	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	330442	53.67	ug/L	97

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

