

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021021\
 Data File : VW020287.D
 Acq On : 10 Feb 2021 09:53
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Feb 10 17:42:22 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	583508	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	574052	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	318875	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	193089	45.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.78%		
7) Chloroethane-d5	1.568	69	167960	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	96.24%		
11) 1,1-Dichloroethene-d2	2.111	63	397365	49.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.82%		
21) 2-Butanone-d5	3.886	46	239749	100.87	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	100.87%		
24) Chloroform-d	4.349	84	377259	49.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.66%		
26) 1,2-Dichloroethane-d4	5.031	65	238583	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.42%		
32) Benzene-d6	5.050	84	715546	48.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.22%		
36) 1,2-Dichloropropane-d6	6.069	67	216761	48.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.64%		
41) Toluene-d8	7.317	98	682642	48.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.68%		
43) trans-1,3-Dichloroprop...	7.622	79	110057	48.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.26%		
47) 2-Hexanone-d5	8.091	63	179856	97.37	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.37%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	309252	48.50	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.00%		
64) 1,2-Dichlorobenzene-d4	11.632	152	291482	48.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.62%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	264828	51.04	ug/L	100
3) Chloromethane	1.243	50	224776	48.74	ug/L	99
5) Vinyl chloride	1.310	62	251374	50.62	ug/L	99
6) Bromomethane	1.523	94	162005	52.20	ug/L	95
8) Chloroethane	1.587	64	161616	52.03	ug/L	99
9) Trichlorofluoromethane	1.754	101	372411	52.77	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	206344	54.94	ug/L	93
12) 1,1-Dichloroethene	2.117	96	192286	53.12	ug/L	85
13) Acetone	2.179	43	186037	110.88	ug/L	95
14) Carbon disulfide	2.294	76	548111	51.38	ug/L	100
15) Methyl Acetate	2.433	43	180494	50.56	ug/L #	89
16) Methylene chloride	2.507	84	208130	52.49	ug/L	89
17) trans-1,2-Dichloroethene	2.761	96	196115	52.26	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	580159	50.91	ug/L	96
19) 1,1-Dichloroethane	3.188	63	355040	52.08	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	209668	51.95	ug/L	91
22) 2-Butanone	3.969	43	262221	109.90	ug/L	95
23) Bromochloromethane	4.246	128	112568	51.58	ug/L #	82
25) Chloroform	4.375	83	374856	52.51	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	292228	51.71	ug/L	97
29) Cyclohexane	4.677	56	298707	51.32	ug/L	90
30) 1,1,1-Trichloroethane	4.609	97	326474	51.22	ug/L	98
31) Carbon tetrachloride	4.828	117	284786	51.37	ug/L	98
33) Benzene	5.098	78	800917	52.18	ug/L	100
34) Trichloroethene	5.915	95	220000	52.16	ug/L	95
35) Methylcyclohexane	6.133	83	337795	52.89	ug/L	93
37) 1,2-Dichloropropane	6.175	63	202605	52.11	ug/L	98
38) Bromodichloromethane	6.510	83	275680	51.59	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	324702	52.74	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	499932	101.98	ug/L #	93
42) Toluene	7.387	91	882658	52.28	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	315531	52.70	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	202471	50.60	ug/L	98
46) Tetrachloroethene	7.979	164	177122	51.39	ug/L	95
48) 2-Hexanone	8.140	43	391265	104.32	ug/L #	91
49) Dibromochloromethane	8.249	129	227197	51.46	ug/L	99
50) 1,2-Dibromoethane	8.355	107	218261	50.92	ug/L	99
51) Chlorobenzene	8.886	112	582289	51.41	ug/L	96
52) Ethylbenzene	9.014	91	987998	52.98	ug/L	98
53) m,p-Xylene	9.143	106	371183	52.28	ug/L	95
54) o-xylene	9.548	106	360496	52.15	ug/L	95
55) Styrene	9.564	104	640401	53.84	ug/L	95
56) Isopropylbenzene	9.937	105	979562	52.81	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	317617	50.38	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	265372	50.91	ug/L	99
61) Bromoform	9.735	173	161925	49.91	ug/L #	99
62) 1,3-Dichlorobenzene	11.188	146	485585	51.48	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	493698	51.04	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	480421	51.01	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	71908	49.77	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.654	180	381321	51.77	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	338355	51.77	ug/L	96
69) Naphthalene	13.509	128	1004468	53.67	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	343195	52.74	ug/L	98

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

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