

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020077.D
 Acq On : 20 Jan 2021 15:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05074

Quant Time: Jan 20 23:33:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 14:20:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	342428	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	327190	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	187726	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	111574	51.94	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.88%			
7) Chloroethane-d5	1.569	69	85814	51.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.64%			
11) 1,1-Dichloroethene-d2	2.110	63	217545	50.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 101.40%			
21) 2-Butanone-d5	3.894	46	163293	109.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.07%			
24) Chloroform-d	4.354	84	245572	51.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.38%			
26) 1,2-Dichloroethane-d4	5.035	65	164131	51.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.20%			
32) Benzene-d6	5.055	84	447809	51.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.52%			
36) 1,2-Dichloropropane-d6	6.074	67	133337	52.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.48%			
41) Toluene-d8	7.322	98	424082	52.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.16%			
43) trans-1,3-Dichloroprop...	7.624	79	75735	53.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 107.02%			
47) 2-Hexanone-d5	8.093	63	118328	113.35	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.35%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	192004	54.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.00%			
64) 1,2-Dichlorobenzene-d4	11.633	152	190207	51.77	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.129	85	139529	48.23	ug/L	99
3) Chloromethane	1.241	50	108114	51.02	ug/L	100
5) Vinyl chloride	1.312	62	117082	50.67	ug/L	99
6) Bromomethane	1.524	94	79935	49.91	ug/L	96
8) Chloroethane	1.585	64	69252	50.76	ug/L	99
9) Trichlorofluoromethane	1.753	101	199872	49.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	102729	49.71	ug/L	90
12) 1,1-Dichloroethene	2.119	96	98023	51.00	ug/L	86
13) Acetone	2.190	43	109327	85.54	ug/L	99
14) Carbon disulfide	2.296	76	314144	50.32	ug/L	99
15) Methyl Acetate	2.437	43	114536	53.21	ug/L #	91
16) Methylene chloride	2.508	84	119181	50.16	ug/L	88
17) trans-1,2-Dichloroethene	2.762	96	117365	51.05	ug/L	91
18) Methyl tert-butyl Ether	2.772	73	380001	51.99	ug/L	97
19) 1,1-Dichloroethane	3.193	63	204569	50.30	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	127811	52.02	ug/L	86
22) 2-Butanone	3.978	43	164542	101.16	ug/L	93
23) Bromochloromethane	4.251	128	69287	50.10	ug/L #	76
25) Chloroform	4.380	83	230533	51.21	ug/L	98

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

27) 1,2-Dichloroethane	5.135	62	188429	50.57	ug/L	97
29) Cyclohexane	4.682	56	171214	50.97	ug/L	89
30) 1,1,1-Trichloroethane	4.614	97	213304	51.17	ug/L	95
31) Carbon tetrachloride	4.833	117	187604	50.88	ug/L	99
33) Benzene	5.103	78	460798	51.76	ug/L	100
34) Trichloroethene	5.920	95	133570	49.79	ug/L	91
35) Methylcyclohexane	6.135	83	185697	49.40	ug/L	92
37) 1,2-Dichloropropane	6.177	63	116272	53.28	ug/L #	96
38) Bromodichloromethane	6.514	83	172975	52.66	ug/L	97
39) cis-1,3-Dichloropropene	7.032	75	188554	51.41	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	321993	107.50	ug/L #	94
42) Toluene	7.392	91	501510	51.48	ug/L	99
44) trans-1,3-Dichloropropene	7.656	75	194777	53.43	ug/L	100
45) 1,1,2-Trichloroethane	7.842	97	121404	51.53	ug/L	95
46) Tetrachloroethene	7.981	164	109185	51.27	ug/L	95
48) 2-Hexanone	8.145	43	256711	108.46	ug/L #	94
49) Dibromochloromethane	8.251	129	143822	52.47	ug/L	99
50) 1,2-Dibromoethane	8.357	107	134278	51.91	ug/L #	100
51) Chlorobenzene	8.887	112	336055	50.09	ug/L	97
52) Ethylbenzene	9.016	91	575582	51.18	ug/L	99
53) m,p-Xylene	9.145	106	216519	50.19	ug/L	98
54) o-xylene	9.550	106	216309	51.64	ug/L	96
55) Styrene	9.566	104	380259	52.88	ug/L	98
56) Isopropylbenzene	9.936	105	580788	51.49	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.247	83	184603	53.04	ug/L #	98
59) 1,2,3-Trichloropropane	10.280	75	163494	53.17	ug/L	100
61) Bromoform	9.736	173	109097	55.15	ug/L #	99
62) 1,3-Dichlorobenzene	11.186	146	291340	51.42	ug/L	98
63) 1,4-Dichlorobenzene	11.280	146	298046	51.12	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	294159	51.76	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	47803	56.42	ug/L #	74
67) 1,3,5-Trichlorobenzene	12.652	180	235550	52.80	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	211260	52.49	ug/L	97
69) Naphthalene	13.511	128	621579	58.34	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	212548	55.47	ug/L	99

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

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