

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032421\
 Data File : VW020743.D
 Acq On : 24 Mar 2021 17:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Mar 25 03:17:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 03:10:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	722444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	707357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	392182	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	213220	41.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.14%		
7) Chloroethane-d5	1.568	69	171327	44.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.36%		
11) 1,1-Dichloroethene-d2	2.111	63	451362	46.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.28%		
21) 2-Butanone-d5	3.886	46	330507	99.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.05%		
24) Chloroform-d	4.352	84	487545	47.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.64%		
26) 1,2-Dichloroethane-d4	5.034	65	320700	47.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.52%		
32) Benzene-d6	5.053	84	886161	47.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.00%		
36) 1,2-Dichloropropane-d6	6.072	67	277501	47.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.88%		
41) Toluene-d8	7.320	98	846657	48.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.48%		
43) trans-1,3-Dichloroprop...	7.625	79	147338	47.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.68%		
47) 2-Hexanone-d5	8.092	63	253991	104.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	104.66%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	407327	48.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.62%		
64) 1,2-Dichlorobenzene-d4	11.632	152	359484	47.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.46%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	326591	48.25	ug/L	100
3) Chloromethane	1.243	50	253967	47.00	ug/L	98
5) Vinyl chloride	1.314	62	265521	48.11	ug/L	100
6) Bromomethane	1.523	94	170197	48.91	ug/L	99
8) Chloroethane	1.587	64	160853	50.45	ug/L	99
9) Trichlorofluoromethane	1.754	101	454753	48.20	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	227451	50.16	ug/L	99
12) 1,1-Dichloroethene	2.121	96	211455	50.16	ug/L	91
13) Acetone	2.179	43	220991	92.87	ug/L	98
14) Carbon disulfide	2.294	76	672217	48.22	ug/L	99
15) Methyl Acetate	2.433	43	253143	50.96	ug/L	99
16) Methylene chloride	2.510	84	252350	49.08	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	243850	50.44	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	779460	52.00	ug/L	100
19) 1,1-Dichloroethane	3.191	63	453539	50.50	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	265151	51.26	ug/L	97
22) 2-Butanone	3.970	43	368184	105.71	ug/L	100
23) Bromochloromethane	4.249	128	143119	51.40	ug/L	98
25) Chloroform	4.381	83	491762	51.48	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	395986	51.89	ug/L	100
29) Cyclohexane	4.680	56	406729	50.84	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	456826	52.22	ug/L	99
31) Carbon tetrachloride	4.831	117	403092	51.59	ug/L	99
33) Benzene	5.105	78	1018541	52.21	ug/L	100
34) Trichloroethene	5.918	95	270528	50.58	ug/L	99
35) Methylcyclohexane	6.137	83	411681	50.17	ug/L	99
37) 1,2-Dichloropropane	6.178	63	261268	51.07	ug/L	99
38) Bromodichloromethane	6.513	83	368541	51.29	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	412257	52.19	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	736213	107.30	ug/L	99
42) Toluene	7.391	91	1112727	52.47	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	419496	52.74	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	261274	51.91	ug/L	96
46) Tetrachloroethene	7.979	164	227653	50.99	ug/L	97
48) 2-Hexanone	8.143	43	569507	108.73	ug/L	97
49) Dibromochloromethane	8.249	129	307009	52.36	ug/L	97
50) 1,2-Dibromoethane	8.355	107	275535	51.12	ug/L	99
51) Chlorobenzene	8.886	112	713680	50.14	ug/L	98
52) Ethylbenzene	9.018	91	1262796	52.18	ug/L	99
53) m,p-Xylene	9.143	106	473753	52.63	ug/L	100
54) o-xylene	9.548	106	459446	52.96	ug/L	98
55) Styrene	9.564	104	821728	53.91	ug/L	97
56) Isopropylbenzene	9.937	105	1255571	52.55	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	426799	51.98	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	352812	52.80	ug/L	99
61) Bromoform	9.735	173	230793	51.83	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	609837	50.96	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	625584	50.26	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	613666	52.03	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	100862	50.58	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	464820	50.10	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	418201	53.17	ug/L	100
69) Naphthalene	13.509	128	1292482	57.41	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	420295	53.36	ug/L	99

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

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