

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032421\
 Data File : VW020723.D
 Acq On : 24 Mar 2021 09:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

Quant Time: Mar 25 03:07:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 04:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	750926	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	733995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	411200	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	234299	43.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.90%		
7) Chloroethane-d5	1.571	69	180457	44.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.54%		
11) 1,1-Dichloroethene-d2	2.111	63	459393	45.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.34%		
21) 2-Butanone-d5	3.896	46	315788	91.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.05%		
24) Chloroform-d	4.352	84	490519	46.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.58%		
26) 1,2-Dichloroethane-d4	5.034	65	319314	45.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.50%		
32) Benzene-d6	5.053	84	902714	46.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.28%		
36) 1,2-Dichloropropane-d6	6.072	67	280748	46.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.48%		
41) Toluene-d8	7.317	98	864436	47.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.94%		
43) trans-1,3-Dichloroprop...	7.622	79	153777	48.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.24%		
47) 2-Hexanone-d5	8.092	63	238638	94.76	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.76%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	397709	45.46	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.92%		
64) 1,2-Dichlorobenzene-d4	11.632	152	365725	45.83	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.66%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	338787	48.15	ug/L	99
3) Chloromethane	1.243	50	264701	47.13	ug/L	100
5) Vinyl chloride	1.314	62	271861	47.39	ug/L	100
6) Bromomethane	1.523	94	179469	49.62	ug/L	97
8) Chloroethane	1.587	64	160718	48.49	ug/L	99
9) Trichlorofluoromethane	1.754	101	470256	47.95	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	230137	48.83	ug/L	99
12) 1,1-Dichloroethene	2.121	96	209995	47.92	ug/L	95
13) Acetone	2.188	43	243704	98.53	ug/L	99
14) Carbon disulfide	2.294	76	699024	48.24	ug/L	99
15) Methyl Acetate	2.436	43	249056	48.24	ug/L	99
16) Methylene chloride	2.510	84	255764	47.86	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	243808	48.52	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	766272	49.18	ug/L	99
19) 1,1-Dichloroethane	3.191	63	457609	49.02	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	262585	48.84	ug/L	95
22) 2-Butanone	3.976	43	367902	101.62	ug/L	97
23) Bromochloromethane	4.249	128	139044	48.04	ug/L	97
25) Chloroform	4.378	83	490159	49.36	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	394793	49.77	ug/L	98
29) Cyclohexane	4.680	56	410331	49.43	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	454963	50.12	ug/L	99
31) Carbon tetrachloride	4.831	117	406143	50.09	ug/L	100
33) Benzene	5.101	78	1016946	50.23	ug/L	100
34) Trichloroethene	5.918	95	274618	49.48	ug/L	99
35) Methylcyclohexane	6.133	83	426779	50.12	ug/L	99
37) 1,2-Dichloropropane	6.175	63	263351	49.61	ug/L	100
38) Bromodichloromethane	6.513	83	370004	49.63	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	400777	48.90	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	706855	99.29	ug/L	99
42) Toluene	7.391	91	1115260	50.68	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	421605	51.08	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	256438	49.10	ug/L	98
46) Tetrachloroethene	7.979	164	231172	49.90	ug/L	98
48) 2-Hexanone	8.143	43	566199	104.18	ug/L	98
49) Dibromochloromethane	8.249	129	301780	49.60	ug/L	99
50) 1,2-Dibromoethane	8.355	107	274743	49.12	ug/L	100
51) Chlorobenzene	8.886	112	722194	48.89	ug/L	99
52) Ethylbenzene	9.014	91	1267591	50.48	ug/L	99
53) m,p-Xylene	9.140	106	469503	50.27	ug/L	98
54) o-xylene	9.548	106	454627	50.50	ug/L	98
55) Styrene	9.564	104	820303	51.86	ug/L	98
56) Isopropylbenzene	9.934	105	1270459	51.25	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	417370	48.99	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	335314	48.36	ug/L	98
61) Bromoform	9.735	173	228207	48.88	ug/L	100
62) 1,3-Dichlorobenzene	11.185	146	617906	49.24	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	636023	48.73	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	606930	49.08	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	98496	47.11	ug/L	92
67) 1,3,5-Trichlorobenzene	12.651	180	479985	49.35	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	424188	51.43	ug/L	99
69) Naphthalene	13.509	128	1265326	53.60	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	415967	50.37	ug/L	98

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

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