

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031521\
 Data File : VW020595.D
 Acq On : 15 Mar 2021 09:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Mar 16 03:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 13 02:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	444565	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	439668	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	223329	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	167653	46.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.50%		
7) Chloroethane-d5	1.568	69	141419	49.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.58%		
11) 1,1-Dichloroethene-d2	2.111	63	342005	50.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.34%		
21) 2-Butanone-d5	3.880	46	233610	101.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.50%		
24) Chloroform-d	4.349	84	311788	50.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.04%		
26) 1,2-Dichloroethane-d4	5.031	65	208118	50.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.22%		
32) Benzene-d6	5.047	84	603085	49.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.30%		
36) 1,2-Dichloropropane-d6	6.069	67	196254	50.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.00%		
41) Toluene-d8	7.317	98	554394	51.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.70%		
43) trans-1,3-Dichloroprop...	7.622	79	95645	52.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	105.32%		
47) 2-Hexanone-d5	8.088	63	146365	100.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.66%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	256812	52.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.76%		
64) 1,2-Dichlorobenzene-d4	11.628	152	213959	49.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	177913	48.47	ug/L	99
3) Chloromethane	1.243	50	204685	48.21	ug/L	99
5) Vinyl chloride	1.311	62	201346	47.30	ug/L	100
6) Bromomethane	1.523	94	124648	49.70	ug/L	100
8) Chloroethane	1.584	64	123996	48.00	ug/L	98
9) Trichlorofluoromethane	1.754	101	287034	50.60	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	158624	51.28	ug/L	98
12) 1,1-Dichloroethene	2.121	96	147910	49.29	ug/L	82
13) Acetone	2.172	43	186132	99.01	ug/L	98
14) Carbon disulfide	2.294	76	457419	50.27	ug/L	100
15) Methyl Acetate	2.429	43	184690	51.30	ug/L	97
16) Methylene chloride	2.507	84	167338	48.12	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	157193	49.03	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	486031	49.85	ug/L	100
19) 1,1-Dichloroethane	3.188	63	302587	49.46	ug/L	100
20) cis-1,2-Dichloroethene	3.909	96	165480	50.00	ug/L #	93
22) 2-Butanone	3.960	43	261393	100.53	ug/L	92
23) Bromochloromethane	4.246	128	84013	50.87	ug/L	95
25) Chloroform	4.372	83	315999	49.46	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	251929	49.92	ug/L	99
29) Cyclohexane	4.677	56	273955	50.88	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	268360	50.50	ug/L	99
31) Carbon tetrachloride	4.828	117	216720	50.20	ug/L	97
33) Benzene	5.098	78	673295	50.75	ug/L	100
34) Trichloroethene	5.915	95	182357	48.72	ug/L	99
35) Methylcyclohexane	6.130	83	264111	51.34	ug/L	99
37) 1,2-Dichloropropane	6.172	63	176622	50.99	ug/L	99
38) Bromodichloromethane	6.510	83	228046	50.00	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	271377	52.82	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	524816	100.74	ug/L	96
42) Toluene	7.387	91	710707	51.32	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	258745	51.23	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	161678	50.09	ug/L	96
46) Tetrachloroethene	7.976	164	121407	50.55	ug/L	99
48) 2-Hexanone	8.140	43	403309	99.12	ug/L	97
49) Dibromochloromethane	8.246	129	165330	49.20	ug/L	99
50) 1,2-Dibromoethane	8.352	107	171297	49.55	ug/L	98
51) Chlorobenzene	8.883	112	439703	49.09	ug/L	99
52) Ethylbenzene	9.014	91	791639	50.49	ug/L	99
53) m,p-Xylene	9.140	106	289502	50.57	ug/L	98
54) o-xylene	9.545	106	281372	50.77	ug/L	100
55) Styrene	9.564	104	503417	52.02	ug/L	97
56) Isopropylbenzene	9.934	105	763177	50.89	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	244017	50.90	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	216768	49.38	ug/L	99
61) Bromoform	9.735	173	109278	49.37	ug/L	98
62) 1,3-Dichlorobenzene	11.185	146	349279	49.25	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	357536	48.30	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	348112	49.31	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	53580	50.26	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	250989	49.69	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	217719	49.65	ug/L	99
69) Naphthalene	13.509	128	692413	48.57	ug/L	99
70) 1,2,3-Trichlorobenzene	13.751	180	212557	48.90	ug/L	98

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

