

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031221\
 Data File : VW020560.D
 Acq On : 12 Mar 2021 08:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05072

Quant Time: Mar 12 09:02:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 07:54:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	527666	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.854	117	520152	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	303181	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	154789	40.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.04%		
7) Chloroethane-d5	1.568	69	128134	42.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.56%		
11) 1,1-Dichloroethene-d2	2.108	63	274877	42.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.36%		
21) 2-Butanone-d5	3.908	46	193523	98.80	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.80%		
24) Chloroform-d	4.349	84	316829	47.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.74%		
26) 1,2-Dichloroethane-d4	5.034	65	192232	46.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.58%		
32) Benzene-d6	5.050	84	617607	47.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.14%		
36) 1,2-Dichloropropane-d6	6.072	67	183110	46.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.34%		
41) Toluene-d8	7.317	98	598039	47.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.26%		
43) trans-1,3-Dichloroprop...	7.622	79	89565	47.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.86%		
47) 2-Hexanone-d5	8.092	63	150557	106.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.14%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	241209	45.90	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.80%		
64) 1,2-Dichlorobenzene-d4	11.632	152	288118	48.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	211178	43.97	ug/L	99
3) Chloromethane	1.243	50	195144	46.74	ug/L	99
5) Vinyl chloride	1.310	62	205816	46.66	ug/L	100
6) Bromomethane	1.523	94	125729	41.47	ug/L	95
8) Chloroethane	1.584	64	119692	48.39	ug/L	100
9) Trichlorofluoromethane	1.754	101	301442	47.06	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	146946	42.79	ug/L #	80
12) 1,1-Dichloroethene	2.118	96	166237	48.80	ug/L #	61
13) Acetone	2.204	43	118467	86.59	ug/L	84
14) Carbon disulfide	2.291	76	446412	46.92	ug/L	99
15) Methyl Acetate	2.442	43	138512	45.58	ug/L #	83
16) Methylene chloride	2.507	84	179267	48.83	ug/L	79
17) trans-1,2-Dichloroethene	2.757	96	169948	48.30	ug/L	83
18) Methyl tert-butyl Ether	2.770	73	484530	50.37	ug/L #	92
19) 1,1-Dichloroethane	3.188	63	280425	47.40	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	188412	50.67	ug/L	76
22) 2-Butanone	3.989	43	194782	96.27	ug/L	87
23) Bromochloromethane	4.246	128	109922	51.70	ug/L #	68
25) Chloroform	4.375	83	327740	49.54	ug/L	96

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

27) 1,2-Dichloroethane	5.130	62	229543	47.42	ug/L #	92
29) Cyclohexane	4.677	56	193339	41.68	ug/L #	84
30) 1,1,1-Trichloroethane	4.606	97	284271	50.22	ug/L #	92
31) Carbon tetrachloride	4.828	117	253046	50.31	ug/L	99
33) Benzene	5.098	78	682793	50.05	ug/L	100
34) Trichloroethene	5.912	95	216168	53.20	ug/L	87
35) Methylcyclohexane	6.130	83	203337	38.65	ug/L	88
37) 1,2-Dichloropropane	6.175	63	162983	48.06	ug/L #	95
38) Bromodichloromethane	6.510	83	233031	50.44	ug/L #	96
39) cis-1,3-Dichloropropene	7.027	75	254338	49.05	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	377774	96.48	ug/L #	85
42) Toluene	7.387	91	765920	51.01	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	245868	48.75	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	185150	50.77	ug/L	95
46) Tetrachloroethene	7.976	164	166709	48.91	ug/L	92
48) 2-Hexanone	8.143	43	302711	98.76	ug/L #	84
49) Dibromochloromethane	8.249	129	217223	54.26	ug/L	99
50) 1,2-Dibromoethane	8.355	107	203178	51.59	ug/L #	100
51) Chlorobenzene	8.883	112	526166	49.79	ug/L	92
52) Ethylbenzene	9.014	91	809660	49.07	ug/L	96
53) m,p-Xylene	9.140	106	320022	49.69	ug/L	90
54) o-xylene	9.548	106	318642	51.40	ug/L	87
55) Styrene	9.564	104	565135	52.93	ug/L	90
56) Isopropylbenzene	9.934	105	804173	49.07	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.246	83	216258	43.26	ug/L #	96
59) 1,2,3-Trichloropropane	10.278	75	222387	48.65	ug/L	98
61) Bromoform	9.735	173	164575	53.96	ug/L #	98
62) 1,3-Dichlorobenzene	11.185	146	448850	49.09	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	464266	48.59	ug/L	96
65) 1,2-Dichlorobenzene	11.648	146	454166	49.07	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.435	75	51551	46.41	ug/L #	58
67) 1,3,5-Trichlorobenzene	12.651	180	343716	48.16	ug/L	96
68) 1,2,4-trichlorobenzene	13.268	180	312801	50.91	ug/L	97
69) Naphthalene	13.509	128	908282	55.23	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	316455	50.75	ug/L	96

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

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