

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020593.D
 Acq On : 13 Mar 2021 03:38
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05075

Quant Time: Mar 13 04:27:54 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	5.622	114	424483	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	411265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	202687	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	173546	50.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.36%			
7) Chloroethane-d5	1.571	69	141652	51.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.42%			
11) 1,1-Dichloroethene-d2	2.111	63	317054	48.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.42%			
21) 2-Butanone-d5	3.892	46	269140	122.47	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 122.47%			
24) Chloroform-d	4.352	84	317616	53.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.74%			
26) 1,2-Dichloroethane-d4	5.037	65	219028	55.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.56%			
32) Benzene-d6	5.053	84	612409	53.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.78%			
36) 1,2-Dichloropropane-d6	6.072	67	202577	55.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.44%			
41) Toluene-d8	7.320	98	532990	52.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.56%			
43) trans-1,3-Dichloroprop...	7.625	79	94536	55.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 111.28%			
47) 2-Hexanone-d5	8.092	63	170975	125.70	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.70%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	267098	58.79	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.58%			
64) 1,2-Dichlorobenzene-d4	11.632	152	201668	51.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.70%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	159987	45.65	ug/L	98
3) Chloromethane	1.243	50	221912	54.74	ug/L	98
5) Vinyl chloride	1.314	62	204844	50.40	ug/L	99
6) Bromomethane	1.526	94	127079	53.07	ug/L	98
8) Chloroethane	1.587	64	127202	51.57	ug/L	99
9) Trichlorofluoromethane	1.754	101	244577	45.15	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	124091	42.02	ug/L	97
12) 1,1-Dichloroethene	2.121	96	134500	46.94	ug/L	91
13) Acetone	2.191	43	190221	105.97	ug/L	98
14) Carbon disulfide	2.298	76	406386	46.77	ug/L	99
15) Methyl Acetate	2.439	43	210909	61.35	ug/L	98
16) Methylene chloride	2.510	84	179760	54.14	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	151586	49.52	ug/L	96
18) Methyl tert-butyl Ether	2.770	73	514491	55.26	ug/L	98
19) 1,1-Dichloroethane	3.195	63	312506	53.50	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	166636	52.73	ug/L #	99
22) 2-Butanone	3.979	43	294182	118.49	ug/L	94
23) Bromochloromethane	4.252	128	88059	55.85	ug/L	93
25) Chloroform	4.378	83	326707	53.55	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	267106	55.43	ug/L	100
29) Cyclohexane	4.683	56	222213	44.12	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	247739	49.84	ug/L	99
31) Carbon tetrachloride	4.831	117	184636	45.72	ug/L	99
33) Benzene	5.104	78	668880	53.90	ug/L	100
34) Trichloroethene	5.918	95	165748	47.34	ug/L	98
35) Methylcyclohexane	6.137	83	209082	43.45	ug/L	98
37) 1,2-Dichloropropane	6.178	63	176709	54.54	ug/L	99
38) Bromodichloromethane	6.513	83	233884	54.82	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	254763	53.01	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	586572	120.37	ug/L	97
42) Toluene	7.391	91	656043	50.64	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	253194	53.59	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	169304	56.08	ug/L	98
46) Tetrachloroethene	7.979	164	100489	44.73	ug/L	98
48) 2-Hexanone	8.143	43	463486	121.77	ug/L	94
49) Dibromochloromethane	8.249	129	167763	53.37	ug/L	100
50) 1,2-Dibromoethane	8.355	107	175608	54.31	ug/L	98
51) Chlorobenzene	8.886	112	409806	48.91	ug/L	99
52) Ethylbenzene	9.018	91	698943	47.66	ug/L	98
53) m,p-Xylene	9.143	106	251210	46.91	ug/L	99
54) o-xylene	9.548	106	253385	48.87	ug/L	100
55) Styrene	9.564	104	460352	50.85	ug/L	96
56) Isopropylbenzene	9.937	105	648803	46.25	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	262928	58.64	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	232146	56.54	ug/L	99
61) Bromoform	9.735	173	109991	54.75	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	307248	47.73	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	314319	46.79	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	320714	50.05	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	55220	57.07	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	209171	45.63	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	184986	46.48	ug/L	98
69) Naphthalene	13.509	128	688749	53.23	ug/L	99
70) 1,2,3-Trichlorobenzene	13.754	180	199190	50.49	ug/L	98

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

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