

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041421\
 Data File : VW021008.D
 Acq On : 14 Apr 2021 15:25
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200166

Quant Time: Apr 15 01:20:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 15 01:18:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	541413	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	543816	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	333888	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	559229	204.61	ug/L	0.00
7) Chloroethane-d5	1.571	69	448372	188.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1249203	220.13	ug/L	0.00
21) 2-Butanone-d5	3.899	46	862487	425.83	ug/L	0.00
24) Chloroform-d	4.352	84	1504616	237.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	992070	241.23	ug/L	0.00
32) Benzene-d6	5.053	84	2658562	217.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	758484	203.70	ug/L	0.00
41) Toluene-d8	7.320	98	2725363	231.33	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	507148	266.49	ug/L	0.00
47) 2-Hexanone-d5	8.101	63	754239	502.16	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	1273330	236.13	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	1378571	227.31	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	850182	197.52	ug/L	99
3) Chloromethane	1.243	50	553796	155.19	ug/L	98
5) Vinyl chloride	1.314	62	648888	167.18	ug/L	100
6) Bromomethane	1.526	94	486774	186.99	ug/L	99
8) Chloroethane	1.590	64	396353	166.05	ug/L	98
9) Trichlorofluoromethane	1.754	101	1481408	235.75	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	707342	211.30	ug/L	98
12) 1,1-Dichloroethene	2.118	96	647041	208.42	ug/L	90
13) Acetone	2.195	43	623740	419.17	ug/L	98
14) Carbon disulfide	2.294	76	1819250	222.11	ug/L	99
15) Methyl Acetate	2.436	43	578836	193.64	ug/L	99
16) Methylene chloride	2.510	84	699808	199.29	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	711991	218.87	ug/L	99
18) Methyl tert-butyl Ether	2.773	73	2323099	234.96	ug/L	99
19) 1,1-Dichloroethane	3.191	63	1200453	205.48	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	782165	218.42	ug/L	96
22) 2-Butanone	3.986	43	900799	442.94	ug/L	100
23) Bromochloromethane	4.249	128	450687	228.78	ug/L	92
25) Chloroform	4.378	83	1456699	220.58	ug/L	98
27) 1,2-Dichloroethane	5.133	62	1164311	236.30	ug/L	99
29) Cyclohexane	4.680	56	1007986	212.77	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	1465498	248.22	ug/L	99
31) Carbon tetrachloride	4.831	117	1367801	261.58	ug/L	99
33) Benzene	5.105	78	2757392	205.88	ug/L	100
34) Trichloroethene	5.918	95	806809	206.59	ug/L	99
35) Methylcyclohexane	6.137	83	1213849	228.62	ug/L	100
37) 1,2-Dichloropropane	6.178	63	654658	195.24	ug/L	100
38) Bromodichloromethane	6.513	83	1146457	238.32	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	1224972	234.16	ug/L	100
40) 4-Methyl-2-pentanone	7.239	43	1753803	422.96	ug/L	99
42) Toluene	7.391	91	3255079	220.32	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	1306498	252.74	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	765951	213.10	ug/L	99
46) Tetrachloroethene	7.979	164	765558	237.43	ug/L	97
48) 2-Hexanone	8.153	43	1420737	442.13	ug/L	98
49) Dibromochloromethane	8.252	129	1077759	266.11	ug/L	100
50) 1,2-Dibromoethane	8.355	107	878572	227.61	ug/L	94
51) Chlorobenzene	8.886	112	2256051	218.27	ug/L	99
52) Ethylbenzene	9.018	91	3833490	233.70	ug/L	100
53) m,p-Xylene	9.143	106	1499766	236.25	ug/L	99
54) o-Xylene	9.548	106	1475769	237.82	ug/L	97
55) Styrene	9.567	104	2589978	243.56	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.249	83	1250478	233.78	ug/L	99
59) Bromoform	9.738	173	899795	274.00	ug/L	99
60) Isopropylbenzene	9.937	105	4074690	223.11	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	1014762	197.14	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	3666654	242.87	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	3770298	244.65	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	2129243	222.19	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	2157488	216.74	ug/L	98
67) 1,2-Dichlorobenzene	11.651	146	2117373	220.65	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.435	75	345834	272.39	ug/L	96
69) 1,3,5-Trichlorobenzene	12.654	180	1750654	234.19	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	1563165	243.48	ug/L	99
71) Naphthalene	13.509	128	4391783	250.36	ug/L	99
72) 1,2,3-Trichlorobenzene	13.751	180	1543575	238.18	ug/L	99

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

