

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030521\
 Data File : VW020468.D
 Acq On : 05 Mar 2021 11:54
 Operator : SY/MD
 Sample : VSTD05064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05064

Manual Integrations
 APPROVED

MMDadoda
 3/7/2021 5:00:41 PM

Quant Time: Mar 05 13:07:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 05 13:07:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	560348	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	558120	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.256	152	316683	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	203753	50.24	ug/L	0.00
7) Chloroethane-d5	1.568	69	159178	48.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	346855	46.12	ug/L	0.00
21) 2-Butanone-d5	3.889	46	216889	97.48	ug/L	0.00
24) Chloroform-d	4.352	84	361321	49.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	222610	48.87	ug/L	0.00
32) Benzene-d6	5.053	84	726176	50.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	215894	50.18	ug/L	0.00
41) Toluene-d8	7.320	98	714358	52.56	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	106364	48.92	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	168861	97.32	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	293775	48.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	312287	51.71	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	249203	50.28	ug/L	99
3) Chloromethane	1.243	50	217739	49.39	ug/L	99
5) Vinyl chloride	1.311	62	229898	48.80	ug/L	100
6) Bromomethane	1.523	94	158072	52.42	ug/L	97
8) Chloroethane	1.584	64	129700	45.01	ug/L	99
9) Trichlorofluoromethane	1.751	101	334019	49.49	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	178419	49.87	ug/L	# 84
12) 1,1-Dichloroethene	2.118	96	178523	51.24	ug/L	72
13) Acetone	2.179	43	142417	91.40	ug/L	88
14) Carbon disulfide	2.294	76	497964	49.07	ug/L	99
15) Methyl Acetate	2.433	43	164817	49.02	ug/L	# 90
16) Methylene chloride	2.510	84	192634	50.56	ug/L	82
17) trans-1,2-Dichloroethene	2.761	96	183046	50.85	ug/L	87
18) Methyl tert-butyl Ether	2.770	73	519001	48.16	ug/L	# 93
19) 1,1-Dichloroethane	3.192	63	313137	48.47	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	200578	51.63	ug/L	83
22) 2-Butanone	3.970	43	221758	99.11	ug/L	85
23) Bromochloromethane	4.253	128	112598	53.23	ug/L	# 73
25) Chloroform	4.378	83	352356	51.06	ug/L	98
27) 1,2-Dichloroethane	5.134	62	258468m	48.26	ug/L	
29) Cyclohexane	4.680	56	251746	45.79	ug/L	87
30) 1,1,1-Trichloroethane	4.613	97	301654	49.09	ug/L	94
31) Carbon tetrachloride	4.831	117	265913	49.47	ug/L	99
33) Benzene	5.101	78	744784	50.18	ug/L	100
34) Trichloroethene	5.918	95	211588	51.28	ug/L	88
35) Methylcyclohexane	6.134	83	282953	46.77	ug/L	90
37) 1,2-Dichloropropane	6.179	63	181429	48.70	ug/L	# 96
38) Bromodichloromethane	6.513	83	250492	48.75	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	290302	49.04	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	443206	95.56	ug/L	# 88
42) Toluene	7.391	91	832789	50.90	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	282645	49.41	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	195758	50.37	ug/L	96
46) Tetrachloroethene	7.979	164	178680	52.83	ug/L	92
48) 2-Hexanone	8.143	43	348811	98.33	ug/L #	88
49) Dibromochloromethane	8.249	129	219224	51.22	ug/L	97
50) 1,2-Dibromoethane	8.355	107	212293	50.97	ug/L #	99
51) Chlorobenzene	8.886	112	554282	50.37	ug/L	94
52) Ethylbenzene	9.018	91	903016	50.32	ug/L	96
53) m,p-Xylene	9.143	106	355627	51.58	ug/L	91
54) o-xylene	9.548	106	346083	51.55	ug/L	92
55) Styrene	9.564	104	605993	52.60	ug/L	94
56) Isopropylbenzene	9.937	105	909313	50.87	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.246	83	277862	46.54	ug/L #	97
59) 1,2,3-Trichloropropane	10.278	75	247852	49.59	ug/L	99
61) Bromoform	9.738	173	161803	50.46	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	481217	51.35	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	493811	51.30	ug/L	95
65) 1,2-Dichlorobenzene	11.648	146	483338	51.54	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.436	75	59833	43.93	ug/L #	67
67) 1,3,5-Trichlorobenzene	12.651	180	376066	51.31	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	329343	50.99	ug/L	96
69) Naphthalene	13.509	128	961835	52.49	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	339488	52.49	ug/L	98

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

