

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW020990.D
 Acq On : 13 Apr 2021 10:26
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Apr 14 03:10:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM041321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 03:08:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	537173	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	523097	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	316080	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	151296	41.21	ug/L	0.00
7) Chloroethane-d5	1.571	69	121224	43.36	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	326886	46.30	ug/L	0.00
21) 2-Butanone-d5	3.892	46	198781	83.97	ug/L	0.00
24) Chloroform-d	4.352	84	381708	50.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	254990	50.90	ug/L	0.00
32) Benzene-d6	5.053	84	662874	48.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	186998	44.71	ug/L	0.00
41) Toluene-d8	7.320	98	683372	52.34	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	118653	51.88	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	163775	93.75	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	294259	47.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.628	152	323240	52.07	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	227817	46.24	ug/L	100
3) Chloromethane	1.243	50	166070	43.06	ug/L	100
5) Vinyl chloride	1.314	62	167835	42.57	ug/L	100
6) Bromomethane	1.526	94	99585	40.65	ug/L	100
8) Chloroethane	1.590	64	115905	49.51	ug/L	100
9) Trichlorofluoromethane	1.757	101	391221	54.97	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	189433	55.12	ug/L	100
12) 1,1-Dichloroethene	2.124	96	166609	52.81	ug/L	100
13) Acetone	2.188	43	160032	91.74	ug/L	100
14) Carbon disulfide	2.298	76	473685	46.76	ug/L	100
15) Methyl Acetate	2.439	43	142633	40.75	ug/L	100
16) Methylene chloride	2.513	84	177531	47.15	ug/L	100
17) trans-1,2-Dichloroethene	2.767	96	181768	50.89	ug/L	100
18) Methyl tert-butyl Ether	2.773	73	567191	51.22	ug/L	100
19) 1,1-Dichloroethane	3.195	63	312763	47.84	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	190660	50.12	ug/L	100
22) 2-Butanone	3.979	43	207094	84.16	ug/L	100
23) Bromochloromethane	4.252	128	115453	54.84	ug/L	100
25) Chloroform	4.381	83	375939	52.74	ug/L	100
27) 1,2-Dichloroethane	5.133	62	304499	53.70	ug/L	100
29) Cyclohexane	4.683	56	255633	44.79	ug/L	100
30) 1,1,1-Trichloroethane	4.613	97	372911	56.40	ug/L	100
31) Carbon tetrachloride	4.834	117	352594	58.80	ug/L	100
33) Benzene	5.105	78	698832	49.31	ug/L	100
34) Trichloroethene	5.918	95	203316	51.49	ug/L	100
35) Methylcyclohexane	6.137	83	310625	51.46	ug/L	100
37) 1,2-Dichloropropane	6.175	63	170142	46.27	ug/L	100
38) Bromodichloromethane	6.513	83	286989	53.60	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	299878	51.64	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	415247	85.94	ug/L	100
42) Toluene	7.391	91	834741	53.28	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	308254	52.88	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	194208	52.10	ug/L	100
46) Tetrachloroethene	7.979	164	199358	58.35	ug/L	100
48) 2-Hexanone	8.143	43	329571	88.96	ug/L	100
49) Dibromochloromethane	8.249	129	256745	57.44	ug/L	100
50) 1,2-Dibromoethane	8.355	107	215213	53.59	ug/L	100
51) Chlorobenzene	8.886	112	556971	52.61	ug/L	100
52) Ethylbenzene	9.018	91	955734	53.28	ug/L	100
53) m,p-Xylene	9.143	106	371542	55.30	ug/L	100
54) o-xylene	9.548	106	355534	55.00	ug/L	100
55) Styrene	9.564	104	622649	55.10	ug/L	100
56) Isopropylbenzene	9.937	105	991559	55.63	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	305263	50.71	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	246835	50.43	ug/L	100
61) Bromoform	9.735	173	210446	56.98	ug/L	100
62) 1,3-Dichlorobenzene	11.185	146	514650	53.01	ug/L	100
63) 1,4-Dichlorobenzene	11.278	146	520323	51.75	ug/L	100
65) 1,2-Dichlorobenzene	11.648	146	515296	53.73	ug/L	100
66) 1,2-Dibromo-3-chloropr...	12.432	75	78774	49.81	ug/L	100
67) 1,3,5-Trichlorobenzene	12.654	180	426855	55.83	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	360702	56.34	ug/L	100
69) Naphthalene	13.509	128	1015971	56.14	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	368798	57.18	ug/L	100

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

