

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062921\
 Data File : VW021573.D
 Acq On : 29 Jun 2021 10:42
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050162

Quant Time: Jun 30 03:57:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 30 03:55:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	492488	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	469061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	242866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155197	48.121	ug/L	0.00
7) Chloroethane-d5	1.568	69	128834	52.540	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	281687	50.314	ug/L	0.00
21) 2-Butanone-d5	3.899	46	281238	116.584	ug/L	0.00
24) Chloroform-d	4.352	84	327757	50.494	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	194525	51.758	ug/L	0.00
32) Benzene-d6	5.053	84	657193	50.020	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	204011	50.233	ug/L	0.00
41) Toluene-d8	7.317	98	605950	48.735	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	102352	47.706	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	201535	107.040	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	283995	50.463	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	241994	48.224	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	209231	58.101	ug/L	100
3) Chloromethane	1.240	50	200782	56.551	ug/L	100
5) Vinyl chloride	1.310	62	197602	54.933	ug/L	100
6) Bromomethane	1.523	94	130365	53.260	ug/L	100
8) Chloroethane	1.584	64	117117	56.729	ug/L	100
9) Trichlorofluoromethane	1.751	101	245296	47.422	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	143685	47.727	ug/L	100
12) 1,1-Dichloroethene	2.117	96	139245	48.131	ug/L	100
13) Acetone	2.195	43	219327	105.613	ug/L #	100
14) Carbon disulfide	2.294	76	480719	51.727	ug/L	100
15) Methyl Acetate	2.436	43	204061	56.830	ug/L	100
16) Methylene chloride	2.507	84	181741	49.540	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	169739	50.936	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	554236	52.084	ug/L	100
19) 1,1-Dichloroethane	3.191	63	308555	51.928	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	188807	50.570	ug/L	100
22) 2-Butanone	3.979	43	306621	115.723	ug/L	100
23) Bromochloromethane	4.249	128	99403	48.600	ug/L	100
25) Chloroform	4.378	83	316007	51.421	ug/L	100
27) 1,2-Dichloroethane	5.133	62	233694	54.525	ug/L	100
29) Cyclohexane	4.680	56	284457	51.347	ug/L	100
30) 1,1,1-Trichloroethane	4.613	97	285186	49.117	ug/L	100
31) Carbon tetrachloride	4.831	117	252887	48.212	ug/L	100
33) Benzene	5.101	78	701091	51.481	ug/L	100
34) Trichloroethene	5.915	95	185530	50.400	ug/L	100
35) Methylcyclohexane	6.133	83	293790	49.653	ug/L	100
37) 1,2-Dichloropropane	6.175	63	179447	51.742	ug/L	100
38) Bromodichloromethane	6.513	83	244136	50.417	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	299788	51.565	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	539816	112.483	ug/L	100
42) Toluene	7.391	91	750280	50.052	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	283108	51.379	ug/L	100

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45) 1,1,2-Trichloroethane	7.841	97	178062	50.853	ug/L	100
46) Tetrachloroethene	7.979	164	147120	44.678	ug/L	100
48) 2-Hexanone	8.143	43	423319	114.649	ug/L	100
49) Dibromochloromethane	8.249	129	208302	48.119	ug/L	100
50) 1,2-Dibromoethane	8.355	107	196452	50.870	ug/L	100
51) Chlorobenzene	8.882	112	485556	49.185	ug/L	100
52) Ethylbenzene	9.014	91	810563	49.383	ug/L	100
53) m,p-Xylene	9.140	106	314185	49.837	ug/L	100
54) o-Xylene	9.545	106	313039	50.164	ug/L	100
55) Styrene	9.561	104	531465	49.663	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	284144	51.678	ug/L	100
59) Bromoform	9.731	173	157438	48.347	ug/L	100
60) Isopropylbenzene	9.934	105	816678	53.217	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	230622	57.893	ug/L	100
62) 1,3,5-Trimethylbenzene	10.542	105	694191	52.627	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	705721	52.971	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	382526	50.142	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	376545	48.898	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	386722	50.437	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	70255	56.733	ug/L	100
69) 1,3,5-Trichlorobenzene	12.648	180	287587	45.635	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	253424	45.330	ug/L	100
71) Naphthalene	13.503	128	798578	50.790	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	253352	46.360	ug/L	100

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

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