

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020397.D
 Acq On : 24 Feb 2021 15:33
 Operator : SY/MD
 Sample : VSTD05065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050165

Quant Time: Feb 24 17:33:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 24 17:31:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	602248	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	595271	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	334493	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	146868	38.48	ug/L	0.00
7) Chloroethane-d5	1.568	69	132647	43.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	302915	47.70	ug/L	0.00
21) 2-Butanone-d5	3.892	46	230303	91.36	ug/L	0.00
24) Chloroform-d	4.352	84	338039	46.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	214868	46.60	ug/L	0.00
32) Benzene-d6	5.053	84	644772	44.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	199375	42.56	ug/L	0.00
41) Toluene-d8	7.320	98	623731	45.11	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	99922	43.90	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	175431	89.28	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	293036	44.71	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	282614	45.90	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	243441	55.81	ug/L	99
3) Chloromethane	1.243	50	209413	44.58	ug/L	99
5) Vinyl chloride	1.310	62	228050	52.66	ug/L	100
6) Bromomethane	1.523	94	148178	59.62	ug/L	99
8) Chloroethane	1.587	64	139276	52.40	ug/L	98
9) Trichlorofluoromethane	1.754	101	339837	53.86	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	184157	54.90	ug/L	95
12) 1,1-Dichloroethene	2.121	96	173228	54.90	ug/L	92
13) Acetone	2.182	43	166172	101.38	ug/L	100
14) Carbon disulfide	2.294	76	458896	50.94	ug/L	99
15) Methyl Acetate	2.436	43	177575	49.17	ug/L	98
16) Methylene chloride	2.510	84	197435	52.47	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	183057	52.13	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	553713	50.35	ug/L	99
19) 1,1-Dichloroethane	3.191	63	335224	51.67	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	204031	51.85	ug/L	93
22) 2-Butanone	3.973	43	247278	96.27	ug/L	97
23) Bromochloromethane	4.249	128	110259	51.05	ug/L	91
25) Chloroform	4.381	83	370110	52.46	ug/L	100
27) 1,2-Dichloroethane	5.133	62	274755	50.25	ug/L	100
29) Cyclohexane	4.683	56	266058	45.45	ug/L	95
30) 1,1,1-Trichloroethane	4.613	97	313389	47.79	ug/L	98
31) Carbon tetrachloride	4.831	117	269988	47.48	ug/L	100
33) Benzene	5.104	78	762269	48.98	ug/L	100
34) Trichloroethene	5.918	95	212797	48.60	ug/L	97
35) Methylcyclohexane	6.137	83	293206	46.36	ug/L	96
37) 1,2-Dichloropropane	6.175	63	194841	46.71	ug/L	99
38) Bromodichloromethane	6.513	83	264217	46.82	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	305232	48.79	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	496130	88.88	ug/L	95
42) Toluene	7.391	91	835602	49.49	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	294868	48.80	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	202607	50.18	ug/L	100
46) Tetrachloroethene	7.979	164	174309	48.89	ug/L	98
48) 2-Hexanone	8.143	43	391477	97.85	ug/L	97
49) Dibromochloromethane	8.252	129	221855	49.57	ug/L	100
50) 1,2-Dibromoethane	8.355	107	214511	49.99	ug/L	99
51) Chlorobenzene	8.886	112	567346	50.53	ug/L	97
52) Ethylbenzene	9.017	91	933136	50.40	ug/L	99
53) m,p-Xylene	9.143	106	353986	50.01	ug/L	100
54) o-Xylene	9.548	106	347520	49.75	ug/L	98
55) Styrene	9.564	104	618589	51.32	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	303005	46.39	ug/L	100
59) Bromoform	9.734	173	158679	43.95	ug/L	100
60) Isopropylbenzene	9.937	105	938081	48.81	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	261434	48.78	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	780433	47.85	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	814764	50.63	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	479618	49.40	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	492193	49.23	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	484977	49.58	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	64926	42.96	ug/L	98
69) 1,3,5-Trichlorobenzene	12.651	180	378193	46.74	ug/L	100
70) 1,2,4-trichlorobenzene	13.268	180	334287	45.26	ug/L	100
71) Naphthalene	13.509	128	1008722	48.37	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	344318	46.65	ug/L	99

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

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