

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020398.D
 Acq On : 24 Feb 2021 15:57
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100166

Quant Time: Feb 24 17:33:30 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	595444	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	582398	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	334748	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	296397	78.55	ug/L	0.00
7) Chloroethane-d5	1.568	69	261329	86.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	607372	96.75	ug/L	0.00
21) 2-Butanone-d5	3.889	46	476020	190.99	ug/L	0.00
24) Chloroform-d	4.352	84	684662	95.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	432278	94.83	ug/L	0.00
32) Benzene-d6	5.053	84	1310053	92.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	413846	90.30	ug/L	0.00
41) Toluene-d8	7.320	98	1274745	94.24	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	210434	94.49	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	381668	198.53	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	611679	95.39	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	595705	96.68	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	482026	111.76	ug/L	99
3) Chloromethane	1.240	50	419620	90.35	ug/L	100
5) Vinyl chloride	1.310	62	459943	107.41	ug/L	99
6) Bromomethane	1.523	94	299759	121.99	ug/L	99
8) Chloroethane	1.584	64	275272	104.75	ug/L	97
9) Trichlorofluoromethane	1.751	101	682452	109.39	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	369461	111.41	ug/L	94
12) 1,1-Dichloroethene	2.118	96	348115	111.58	ug/L	100
13) Acetone	2.182	43	318959	196.82	ug/L	99
14) Carbon disulfide	2.294	76	928963	104.30	ug/L	100
15) Methyl Acetate	2.433	43	354916	99.39	ug/L	99
16) Methylene chloride	2.507	84	386761	103.97	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	367640	105.89	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	1137457	104.61	ug/L	98
19) 1,1-Dichloroethane	3.191	63	661706	103.16	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	415811	106.87	ug/L	91
22) 2-Butanone	3.970	43	507164	199.71	ug/L	95
23) Bromochloromethane	4.249	128	224952	105.34	ug/L	91
25) Chloroform	4.378	83	726470	104.15	ug/L	99
27) 1,2-Dichloroethane	5.133	62	539534	99.79	ug/L	100
29) Cyclohexane	4.680	56	546102	95.34	ug/L	95
30) 1,1,1-Trichloroethane	4.613	97	634105	98.83	ug/L	97
31) Carbon tetrachloride	4.831	117	549358	98.74	ug/L	100
33) Benzene	5.101	78	1512048	99.31	ug/L	100
34) Trichloroethene	5.918	95	424817	99.17	ug/L	96
35) Methylcyclohexane	6.137	83	599461	96.88	ug/L	96
37) 1,2-Dichloropropane	6.178	63	389545	95.45	ug/L	100
38) Bromodichloromethane	6.513	83	535530	97.00	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	620481	101.37	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	1008457	184.66	ug/L	94
42) Toluene	7.391	91	1691497	102.41	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	625613	105.82	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	404794	102.47	ug/L	99
46) Tetrachloroethene	7.979	164	348378	99.87	ug/L	99
48) 2-Hexanone	8.143	43	780853	199.49	ug/L	95
49) Dibromochloromethane	8.249	129	467098	106.66	ug/L	98
50) 1,2-Dibromoethane	8.355	107	438729	104.50	ug/L	100
51) Chlorobenzene	8.886	112	1138470	103.65	ug/L	97
52) Ethylbenzene	9.018	91	1896040	104.67	ug/L	98
53) m,p-Xylene	9.143	106	734682	106.08	ug/L	98
54) o-Xylene	9.548	106	727703	106.49	ug/L	96
55) Styrene	9.564	104	1287477	109.17	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	627295	98.15	ug/L	99
59) Bromoform	9.735	173	349956	96.85	ug/L	99
60) Isopropylbenzene	9.937	105	1954010	101.60	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	524071	97.71	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	1652840	101.27	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	1716297	106.58	ug/L	100
64) 1,3-Dichlorobenzene	11.188	146	994732	102.38	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	1013418	101.28	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	995323	101.68	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	144670	95.64	ug/L	97
69) 1,3,5-Trichlorobenzene	12.651	180	790165	97.59	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	719605	97.35	ug/L	100
71) Naphthalene	13.509	128	2207888	105.80	ug/L	100
72) 1,2,3-Trichlorobenzene	13.750	180	727469	98.48	ug/L	100

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

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