

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012621\
 Data File : VW020161.D
 Acq On : 25 Jan 2021 17:32
 Operator : SY/MD
 Sample : VSTD10064
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100164

Quant Time: Jan 25 17:55:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 25 17:43:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	454381	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	412096	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.254	152	225770	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	369881	102.61	ug/L	0.00
7) Chloroethane-d5	1.566	69	233608	82.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	629640	94.43	ug/L	0.00
21) 2-Butanone-d5	3.881	46	504938	249.61	ug/L	0.00
24) Chloroform-d	4.351	84	682423	103.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.032	65	428325	93.51	ug/L	0.00
32) Benzene-d6	5.055	84	1230339	109.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	357487	105.71	ug/L	0.00
41) Toluene-d8	7.318	98	1067141	102.48	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	195878	103.98	ug/L	0.00
47) 2-Hexanone-d5	8.090	63	349714	253.61	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.222	84	523728	111.75	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.630	152	427408	95.37	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	320874	111.29	ug/L	100
3) Chloromethane	1.242	50	430545	135.74	ug/L	100
5) Vinyl chloride	1.312	62	355489	112.61	ug/L	99
6) Bromomethane	1.521	94	142388	73.05	ug/L	100
8) Chloroethane	1.586	64	176944	85.44	ug/L	100
9) Trichlorofluoromethane	1.753	101	476384	94.73	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	275181	110.61	ug/L	97
12) 1,1-Dichloroethene	2.119	96	264316	103.51	ug/L	93
13) Acetone	2.174	43	309659	204.55	ug/L	98
14) Carbon disulfide	2.296	76	804395	113.10	ug/L	100
15) Methyl Acetate	2.431	43	321634	108.84	ug/L	98
16) Methylene chloride	2.508	84	291826	99.47	ug/L	96
17) trans-1,2-Dichloroethene	2.762	96	276625	103.24	ug/L	98
18) Methyl tert-butyl Ether	2.769	73	948755	101.93	ug/L	99
19) 1,1-Dichloroethane	3.190	63	587791	111.52	ug/L	99
20) cis-1,2-Dichloroethene	3.913	96	338970	114.33	ug/L	95
22) 2-Butanone	3.965	43	490346	250.48	ug/L	99
23) Bromochloromethane	4.251	128	158268	98.62	ug/L	91
25) Chloroform	4.380	83	592290	105.57	ug/L	100
27) 1,2-Dichloroethane	5.132	62	494690	103.38	ug/L	98
29) Cyclohexane	4.682	56	446506	126.70	ug/L	100
30) 1,1,1-Trichloroethane	4.611	97	539256	114.57	ug/L	98
31) Carbon tetrachloride	4.830	117	447221	111.17	ug/L	98
33) Benzene	5.103	78	1261500	123.65	ug/L	100
34) Trichloroethene	5.917	95	314121	114.19	ug/L	98
35) Methylcyclohexane	6.135	83	441024	129.57	ug/L	99
37) 1,2-Dichloropropane	6.177	63	297681	109.02	ug/L	99
38) Bromodichloromethane	6.511	83	425294	109.33	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	499614	115.59	ug/L	99
40) 4-Methyl-2-pentanone	7.228	43	935561	249.43	ug/L	99
42) Toluene	7.392	91	1222857	111.42	ug/L	100
44) trans-1,3-Dichloropropene	7.653	75	501459	113.10	ug/L	100

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

45) 1,1,2-Trichloroethane	7.843	97	311882	116.25	ug/L	96
46) Tetrachloroethene	7.978	164	219774	98.84	ug/L	94
48) 2-Hexanone	8.142	43	734567	253.02	ug/L	99
49) Dibromochloromethane	8.251	129	366902	116.14	ug/L	100
50) 1,2-Dibromoethane	8.357	107	355151	125.88	ug/L #	98
51) Chlorobenzene	8.884	112	794425	107.34	ug/L	98
52) Ethylbenzene	9.016	91	1403917	115.03	ug/L	98
53) m,p-Xylene	9.142	106	553679	121.48	ug/L	95
54) o-Xylene	9.547	106	531587	116.53	ug/L	96
55) Styrene	9.566	104	934118	114.92	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.248	83	497397	119.05	ug/L	99
59) Bromoform	9.736	173	258127	102.79	ug/L #	98
60) Isopropylbenzene	9.936	105	1365541	109.76	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	401333	110.45	ug/L	98
62) 1,3,5-Trimethylbenzene	10.543	105	1186773	114.70	ug/L	99
63) 1,2,4-Trimethylbenzene	10.920	105	1301571	130.70	ug/L	98
64) 1,3-Dichlorobenzene	11.186	146	732026	118.27	ug/L	98
65) 1,4-Dichlorobenzene	11.280	146	647678	101.11	ug/L	97
67) 1,2-Dichlorobenzene	11.649	146	640752	101.51	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.434	75	123044	115.89	ug/L	89
69) 1,3,5-Trichlorobenzene	12.653	180	483825	108.09	ug/L	98
70) 1,2,4-trichlorobenzene	13.270	180	455583	107.28	ug/L	98
71) Naphthalene	13.511	128	1597961	125.70	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	520148	119.62	ug/L	98

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

