

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022621\
 Data File : VW020399.D
 Acq On : 24 Feb 2021 16:20
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200161

Quant Time: Feb 24 17:33:57 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	652734	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	647122	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	381518	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	615150	148.71	ug/L	0.00
7) Chloroethane-d5	1.568	69	534422	161.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1261751	183.34	ug/L	0.00
21) 2-Butanone-d5	3.886	46	993039	363.47	ug/L	0.00
24) Chloroform-d	4.349	84	1420084	180.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	887898	177.69	ug/L	0.00
32) Benzene-d6	5.053	84	2728985	172.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	854402	167.78	ug/L	0.00
41) Toluene-d8	7.320	98	2676573	178.08	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	470555	190.16	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	847111	396.56	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	1303163	182.90	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	1285546	183.05	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	996152	210.70	ug/L	100
3) Chloromethane	1.240	50	870418	170.96	ug/L	99
5) Vinyl chloride	1.311	62	961821	204.91	ug/L	100
6) Bromomethane	1.523	94	627471	232.94	ug/L	100
8) Chloroethane	1.584	64	567135	196.86	ug/L	97
9) Trichlorofluoromethane	1.751	101	1408526	205.96	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	762211	209.67	ug/L	94
12) 1,1-Dichloroethene	2.118	96	738703	216.00	ug/L	92
13) Acetone	2.182	43	656590	369.60	ug/L	100
14) Carbon disulfide	2.291	76	1988629	203.68	ug/L	100
15) Methyl Acetate	2.433	43	738783	188.74	ug/L	99
16) Methylene chloride	2.507	84	803554	197.05	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	780195	204.99	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	2433866	204.20	ug/L	98
19) 1,1-Dichloroethane	3.191	63	1391303	197.87	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	889238	208.49	ug/L	91
22) 2-Butanone	3.970	43	1078431	387.38	ug/L	91
23) Bromochloromethane	4.249	128	473218	202.15	ug/L	90
25) Chloroform	4.378	83	1516275	198.30	ug/L	98
27) 1,2-Dichloroethane	5.134	62	1126974	190.15	ug/L	99
29) Cyclohexane	4.680	56	1151083	180.86	ug/L	94
30) 1,1,1-Trichloroethane	4.609	97	1349125	189.24	ug/L	97
31) Carbon tetrachloride	4.831	117	1191060	192.67	ug/L	100
33) Benzene	5.101	78	3169423	187.34	ug/L	100
34) Trichloroethene	5.915	95	891608	187.33	ug/L	97
35) Methylcyclohexane	6.133	83	1266029	184.13	ug/L	95
37) 1,2-Dichloropropane	6.175	63	810145	178.65	ug/L	100
38) Bromodichloromethane	6.513	83	1151981	187.79	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	1389510	204.30	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	2112089	348.06	ug/L #	93
42) Toluene	7.391	91	3567932	194.40	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	1379997	210.07	ug/L	99

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45) 1,1,2-Trichloroethane	7.841	97	854152	194.59	ug/L	98
46) Tetrachloroethene	7.979	164	750967	193.76	ug/L	100
48) 2-Hexanone	8.143	43	1632038	375.24	ug/L #	93
49) Dibromochloromethane	8.252	129	1021092	209.85	ug/L	100
50) 1,2-Dibromoethane	8.355	107	947599	203.13	ug/L	99
51) Chlorobenzene	8.886	112	2437378	199.70	ug/L	97
52) Ethylbenzene	9.018	91	4052387	201.33	ug/L	97
53) m,p-Xylene	9.143	106	1584405	205.89	ug/L	95
54) o-Xylene	9.548	106	1565902	206.23	ug/L	94
55) Styrene	9.564	104	2752432	210.04	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.246	83	1356642	191.04	ug/L	100
59) Bromoform	9.735	173	794988	193.04	ug/L	100
60) Isopropylbenzene	9.937	105	4176722	190.55	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	1118220	182.92	ug/L	99
62) 1,3,5-Trimethylbenzene	10.545	105	3633337	195.32	ug/L	100
63) 1,2,4-Trimethylbenzene	10.921	105	3758784	204.79	ug/L	99
64) 1,3-Dichlorobenzene	11.188	146	2166868	195.67	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	2193262	192.32	ug/L	99
67) 1,2-Dichlorobenzene	11.651	146	2154348	193.10	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	337949	196.04	ug/L	97
69) 1,3,5-Trichlorobenzene	12.654	180	1725518	186.98	ug/L	99
70) 1,2,4-trichlorobenzene	13.268	180	1614889	191.69	ug/L	100
71) Naphthalene	13.509	128	4864942	204.55	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	1589683	188.82	ug/L	99

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

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