

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020075.D
 Acq On : 20 Jan 2021 13:58
 Operator : SY/MD
 Sample : VSTD20061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20061

Quant Time: Jan 20 14:16:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 13:47:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	357599	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	349908	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	213334	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	444782	155.81	ug/L	0.00
7) Chloroethane-d5	1.570	69	338190	148.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.106	63	889216	156.44	ug/L	0.00
21) 2-Butanone-d5	3.891	46	657961	348.44	ug/L	0.00
24) Chloroform-d	4.351	84	1005606	187.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.036	65	668317	183.76	ug/L	0.00
32) Benzene-d6	5.055	84	1834051	188.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.074	67	544447	180.68	ug/L	0.00
41) Toluene-d8	7.322	98	1763547	198.61	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.624	79	331788	209.52	ug/L	0.00
47) 2-Hexanone-d5	8.093	63	532752	439.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	820054	199.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	819914	198.38	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	572465	170.07	ug/L	100
3) Chloromethane	1.242	50	438661	142.46	ug/L	100
5) Vinyl chloride	1.312	62	473692	149.91	ug/L	99
6) Bromomethane	1.525	94	321482	160.14	ug/L	95
8) Chloroethane	1.586	64	274017	141.86	ug/L	100
9) Trichlorofluoromethane	1.753	101	821637	177.50	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.116	101	414565	163.62	ug/L #	89
12) 1,1-Dichloroethene	2.116	96	399161	164.59	ug/L	90
13) Acetone	2.190	43	447202	270.78	ug/L	100
14) Carbon disulfide	2.293	76	1305840	178.66	ug/L	99
15) Methyl Acetate	2.434	43	454103	162.49	ug/L	91
16) Methylene chloride	2.508	84	482179	183.47	ug/L	87
17) trans-1,2-Dichloroethene	2.759	96	478075	190.64	ug/L	92
18) Methyl tert-butyl Ether	2.769	73	1576959	194.18	ug/L	97
19) 1,1-Dichloroethane	3.193	63	843034	178.81	ug/L	99
20) cis-1,2-Dichloroethene	3.913	96	521390	193.94	ug/L	87
22) 2-Butanone	3.978	43	688637	343.32	ug/L	93
23) Bromochloromethane	4.251	128	289410	203.79	ug/L #	76
25) Chloroform	4.380	83	946227	188.79	ug/L	97
27) 1,2-Dichloroethane	5.132	62	782655	188.06	ug/L	99
29) Cyclohexane	4.682	56	713669	177.10	ug/L	89
30) 1,1,1-Trichloroethane	4.611	97	895992	196.07	ug/L	96
31) Carbon tetrachloride	4.833	117	803314	205.55	ug/L	100
33) Benzene	5.103	78	1886995	188.93	ug/L	100
34) Trichloroethene	5.917	95	546724	188.50	ug/L	93
35) Methylcyclohexane	6.135	83	798842	193.63	ug/L	93
37) 1,2-Dichloropropane	6.177	63	469936	183.80	ug/L #	97
38) Bromodichloromethane	6.511	83	736286	197.57	ug/L	99
39) cis-1,3-Dichloropropene	7.029	75	831375	204.26	ug/L	98
40) 4-Methyl-2-pentanone	7.232	43	1327522	344.94	ug/L #	93
42) Toluene	7.392	91	2074112	193.66	ug/L	98
44) trans-1,3-Dichloropropene	7.653	75	860336	208.39	ug/L	100

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45) 1,1,2-Trichloroethane	7.843	97	500445	194.93	ug/L	96
46) Tetrachloroethene	7.981	164	454075	213.48	ug/L	96
48) 2-Hexanone	8.145	43	1073217	352.66	ug/L #	93
49) Dibromochloromethane	8.251	129	628894	219.53	ug/L	99
50) 1,2-Dibromoethane	8.357	107	563536	203.82	ug/L #	100
51) Chlorobenzene	8.888	112	1428594	199.42	ug/L	97
52) Ethylbenzene	9.016	91	2436856	199.77	ug/L	98
53) m,p-Xylene	9.145	106	937543	208.32	ug/L	96
54) o-xylene	9.550	106	916486	207.97	ug/L	96
55) Styrene	9.566	104	1612628	211.56	ug/L	99
56) Isopropylbenzene	9.936	105	2471598	206.81	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.248	83	804231	202.09	ug/L #	98
59) 1,2,3-Trichloropropane	10.280	75	678732	192.24	ug/L	100
61) Bromoform	9.736	173	496081	227.33	ug/L #	99
62) 1,3-Dichlorobenzene	11.187	146	1267254	197.96	ug/L	99
63) 1,4-Dichlorobenzene	11.280	146	1289635	196.17	ug/L	98
65) 1,2-Dichlorobenzene	11.653	146	1267699	196.64	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.437	75	228963	211.12	ug/L #	77
67) 1,3,5-Trichlorobenzene	12.653	180	1027589	211.57	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	956874	222.08	ug/L	98
69) Naphthalene	13.511	128	2814383	230.44	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	912014	218.27	ug/L	99

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

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