

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030620\
 Data File : VV014764.D
 Acq On : 06 Mar 2020 18:11
 Operator : SY/MD
 Sample : VSTD20066
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20066

Quant Time: Mar 06 23:45:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 22:37:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	484657	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	485232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	269285	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	686568	311.85	ug/L	0.00
7) Chloroethane-d5	1.58	69	529499	325.58	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1102402	279.83	ug/L	0.00
21) 2-Butanone-d5	3.94	46	1090007	569.30	ug/L	0.00
24) Chloroform-d	4.38	84	1322719	213.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	860991	214.28	ug/L	0.00
32) Benzene-d6	5.08	84	2676432	208.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	875287	227.56	ug/L	0.00
41) Toluene-d8	7.34	98	2613614	210.02	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	457387	216.39	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	842549	534.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	1236542	233.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	1094923	207.04	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	945106	255.088	ug/L	99
3) Chloromethane	1.25	50	833503	360.439	ug/L	100
5) Vinyl chloride	1.32	62	784755	347.637	ug/L	98
6) Bromomethane	1.53	94	491948	366.335	ug/L	99
8) Chloroethane	1.60	64	419446	337.716	ug/L	100
9) Trichlorofluoromethane	1.76	101	1049563	247.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	532169	288.138	ug/L	99
12) 1,1-Dichloroethene	2.13	96	515633	299.955	ug/L	97
13) Acetone	2.22	43	727732	437.766	ug/L	99
14) Carbon disulfide	2.31	76	1802256	252.666	ug/L	100
15) Methyl Acetate	2.46	43	774251	271.268	ug/L	99
16) Methylene chloride	2.52	84	706410	221.571	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	652394	220.556	ug/L	98
18) Methyl tert-butyl Ether	2.79	73	2172828	220.102	ug/L	99
19) 1,1-Dichloroethane	3.21	63	1268235	232.980	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	745664	219.381	ug/L	100
22) 2-Butanone	4.02	43	1187026	549.399	ug/L	99
23) Bromochloromethane	4.28	128	370649	215.896	ug/L	97
25) Chloroform	4.41	83	1275390	206.259	ug/L	100
27) 1,2-Dichloroethane	5.16	62	1019449	224.562	ug/L	99
29) Cyclohexane	4.71	56	1222412	252.251	ug/L	99
30) 1,1,1-Trichloroethane	4.64	97	1115080	197.231	ug/L	100
31) Carbon tetrachloride	4.86	117	982151	197.260	ug/L	100
33) Benzene	5.13	78	2805351	217.584	ug/L	100
34) Trichloroethene	5.94	95	742940	201.406	ug/L	98
35) Methylcyclohexane	6.16	83	1246443	232.382	ug/L	99
37) 1,2-Dichloropropane	6.20	63	762724	237.046	ug/L	100
38) Bromodichloromethane	6.53	83	989131	207.959	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	1276888	229.881	ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	2254315	544.990	ug/L	98

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42) Toluene	7.41	91	3122505	223.495	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1140648	225.359	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	698107	210.757	ug/L	99
46) Tetrachloroethene	8.00	164	609281	224.738	ug/L	99
48) 2-Hexanone	8.17	43	1780804	546.352	ug/L	98
49) Dibromochloromethane	8.27	129	811632	209.052	ug/L	99
50) 1,2-Dibromoethane	8.38	107	774249	211.582	ug/L	100
51) Chlorobenzene	8.90	112	2032702	215.582	ug/L	99
52) Ethylbenzene	9.04	91	3586492	224.318	ug/L	99
53) m,p-Xylene	9.16	106	1360154	222.023	ug/L	99
54) o-xylene	9.57	106	1343307	224.046	ug/L	99
55) Styrene	9.58	104	2321601	231.128	ug/L	98
56) Isopropylbenzene	9.95	105	3561390	224.930	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	1226807	234.672	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	972159	226.583	ug/L	99
61) Bromoform	9.75	173	619104	212.850	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1736073	211.526	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	1750936	207.840	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1710984	209.690	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	310066	224.060	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	1396122	229.313	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	1316106	230.978	ug/L	100
69) Naphthalene	13.52	128	2009189	118.922	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	1294709	221.281	ug/L	100

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

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