

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015755.D
 Acq On : 29 Jun 2020 11:18
 Operator : SY/VA
 Sample : VSTD10002
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10002

Quant Time: Jun 29 11:55:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 11:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	350224	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	331631	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157066	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	509052	158.61	ug/L	0.00
7) Chloroethane-d5	2.89	69	417944	130.94	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	955478	122.18	ug/L	0.00
20) 2-Butanone-d5	7.09	46	226082	215.76	ug/L	0.00
24) Chloroform-d	7.65	84	934634	115.40	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	512068	113.65	ug/L	0.00
29) Benzene-d6	8.28	84	1832212	112.66	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	538276	108.91	ug/L	0.00
37) Toluene-d8	10.32	98	1748643	110.59	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	261514	114.38	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	187704	219.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	410923	110.42	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	580070	110.20	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	373103	120.589	ug/L	96
3) Chloromethane	2.22	50	390502	114.652	ug/L	98
5) Vinyl chloride	2.37	62	551412	107.654	ug/L	98
6) Bromomethane	2.78	94	367831	110.488	ug/L	99
8) Chloroethane	2.93	64	347358	111.406	ug/L	98
9) Trichlorofluoromethane	3.26	101	451506	123.866	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	444973	102.927	ug/L	98
12) 1,1-Dichloroethene	4.04	96	436390	104.499	ug/L	94
13) Acetone	4.13	43	181035	223.484	ug/L	98
14) Carbon disulfide	4.39	76	1383994	99.342	ug/L	99
15) Methyl Acetate	4.67	43	182562	104.169	ug/L	100
16) Methylene chloride	4.92	84	441124	102.627	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	656991	99.138	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	484538	108.267	ug/L	100
19) 1,1-Dichloroethane	6.22	63	859124	106.727	ug/L	99
21) 2-Butanone	7.18	43	251672	202.245	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	510931	109.438	ug/L	98
23) Bromochloromethane	7.52	128	216808	107.692	ug/L	96
25) Chloroform	7.68	83	876838	108.179	ug/L	100
27) 1,2-Dichloroethane	8.40	62	584320	106.562	ug/L	99
30) Cyclohexane	7.96	56	815810	99.518	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	756981	102.032	ug/L	99
32) Carbon tetrachloride	8.07	117	694327	102.036	ug/L	99
34) Benzene	8.33	78	1940971	104.658	ug/L	100
35) Trichloroethene	9.09	95	515920	103.564	ug/L	100
36) Methylcyclohexane	9.34	83	912389	102.691	ug/L	99
40) 1,2-Dichloropropane	9.37	63	467368	102.334	ug/L	99
41) Bromodichloromethane	9.65	83	632164	103.610	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	789390	108.010	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	554301	207.048	ug/L	98

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44) Toluene	10.39	91	2168364	107.316	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	696100	109.447	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	345340	108.082	ug/L	98
47) Tetrachloroethene	10.87	164	414581	104.986	ug/L	96
49) 2-Hexanone	10.97	43	390132	215.895	ug/L	100
50) Dibromochloromethane	11.13	129	423300	109.043	ug/L	93
51) 1,2-Dibromoethane	11.24	107	333789	108.816	ug/L	96
52) Chlorobenzene	11.66	112	1347966	106.359	ug/L	97
53) Ethylbenzene	11.73	91	2486161	107.157	ug/L	98
54) m,p-Xylene	11.84	106	943334	108.355	ug/L	95
55) o-xylene	12.17	106	917999	111.087	ug/L	99
56) Styrene	12.18	104	1585537	112.287	ug/L	99
57) Isopropylbenzene	12.46	105	2507164	108.912	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	400923	108.383	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	297070	105.914	ug/L	99
62) Bromoform	12.35	173	241367	110.292	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1037168	107.913	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1013950	107.668	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	907574	108.664	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	65441	103.286	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	715323	107.502	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	595893	111.189	ug/L	99
69) Naphthalene	15.37	128	1123173	115.421	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	508022	111.424	ug/L	99

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

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