

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011419.D
 Acq On : 22 Jul 2019 14:04
 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: Jul 22 14:26:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 22 13:42:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	444630	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	400108	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190164	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	580961	85.57	ug/L	0.00
7) Chloroethane-d5	2.88	69	439603	92.29	ug/L	-0.01
10) 1,1-Dichloroethene-d2	4.02	63	1366074	95.01	ug/L	0.00
20) 2-Butanone-d5	7.07	46	515943	192.92	ug/L	0.00
24) Chloroform-d	7.65	84	1161315	95.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	678997	90.47	ug/L	0.00
29) Benzene-d6	8.27	84	2376367	96.41	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	781084	97.32	ug/L	0.00
37) Toluene-d8	10.32	98	2161071	98.38	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	362138	106.10	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	361712	196.51	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	617325	92.98	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	709258	97.17	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	612769	112.053	ug/L	95
3) Chloromethane	2.21	50	706776	119.045	ug/L	100
5) Vinyl chloride	2.36	62	757158	97.710	ug/L	99
6) Bromomethane	2.77	94	369846	102.017	ug/L	99
8) Chloroethane	2.92	64	410909	104.913	ug/L	100
9) Trichlorofluoromethane	3.25	101	406332	153.150	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	600549	101.586	ug/L	100
12) 1,1-Dichloroethene	4.04	96	605333	103.598	ug/L	87
13) Acetone	4.11	43	508203	194.547	ug/L	97
14) Carbon disulfide	4.38	76	1958318	117.163	ug/L	100
15) Methyl Acetate	4.66	43	432664	101.789	ug/L	100
16) Methylene chloride	4.92	84	616600	94.371	ug/L	100
17) Methyl tert-butyl Ether	5.42	73	947831	104.600	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	621313	105.228	ug/L	98
19) 1,1-Dichloroethane	6.21	63	1241180	103.547	ug/L	98
21) 2-Butanone	7.16	43	684915	203.106	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	667068	104.372	ug/L	98
23) Bromochloromethane	7.51	128	277552	103.496	ug/L	99
25) Chloroform	7.67	83	1116175	98.307	ug/L	99
27) 1,2-Dichloroethane	8.40	62	821686	94.674	ug/L	99
30) Cyclohexane	7.95	56	1310749	107.749	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	876244	105.519	ug/L	100
32) Carbon tetrachloride	8.07	117	840163	107.880	ug/L	100
34) Benzene	8.32	78	2549259	101.945	ug/L	100
35) Trichloroethene	9.09	95	654701	103.751	ug/L	99
36) Methylcyclohexane	9.34	83	1193694	105.117	ug/L	100
40) 1,2-Dichloropropane	9.37	63	695712	101.532	ug/L	100
41) Bromodichloromethane	9.65	83	841322	106.497	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	1116557	110.438	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	1232384	194.015	ug/L	99

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44) Toluene	10.39	91	2670701	103.184	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	918583	109.804	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	471943	99.459	ug/L	98
47) Tetrachloroethene	10.86	164	503701	105.617	ug/L	98
49) 2-Hexanone	10.97	43	945371	204.467	ug/L	99
50) Dibromochloromethane	11.13	129	553809	109.601	ug/L	100
51) 1,2-Dibromoethane	11.23	107	463004	101.052	ug/L	97
52) Chlorobenzene	11.66	112	1605355	101.523	ug/L	98
53) Ethylbenzene	11.73	91	3001578	102.239	ug/L	100
54) m,p-Xylene	11.84	106	1105865	103.747	ug/L	98
55) o-xylene	12.16	106	1050145	103.564	ug/L	100
56) Styrene	12.18	104	1806803	103.871	ug/L	99
57) Isopropylbenzene	12.46	105	2847014	102.855	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	607509	96.237	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	458035	94.483	ug/L	100
62) Bromoform	12.35	173	328440	115.888	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1224811	104.688	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1223922	102.191	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	1105039	101.470	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	108872	101.825	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	923139	104.140	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	778633	104.848	ug/L	100
69) Naphthalene	15.37	128	1666686	107.162	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	692217	101.876	ug/L	100

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

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