

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011418.D
 Acq On : 22 Jul 2019 13:37
 Operator : SY/VA
 Sample : VSTD05001
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05001

Quant Time: Jul 22 14:04:00 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	395432	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	351526	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	170694	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	263131	43.58	ug/L	0.00
7) Chloroethane-d5	2.89	69	194324	45.87	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	607688	47.52	ug/L	0.00
20) 2-Butanone-d5	7.07	46	228933	96.25	ug/L	0.00
24) Chloroform-d	7.65	84	490861	45.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	289329	43.35	ug/L	0.00
29) Benzene-d6	8.27	84	1017600	46.99	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	329052	46.66	ug/L	0.00
37) Toluene-d8	10.32	98	920490	47.70	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	147453	49.17	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	159272	98.49	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	270986	46.46	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	305592	46.64	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	279757	57.522	ug/L 98
3) Chloromethane	2.21	50	286635	54.286	ug/L 100
5) Vinyl chloride	2.36	62	351069	50.941	ug/L 99
6) Bromomethane	2.78	94	166832	51.744	ug/L 100
8) Chloroethane	2.92	64	188490	54.113	ug/L 100
9) Trichlorofluoromethane	3.26	101	174043	73.760	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	272688	51.865	ug/L 99
12) 1,1-Dichloroethene	4.04	96	269579	51.876	ug/L 91
13) Acetone	4.12	43	245169	105.531	ug/L 97
14) Carbon disulfide	4.39	76	878976	59.130	ug/L 100
15) Methyl Acetate	4.67	43	196265	51.918	ug/L 100
16) Methylene chloride	4.92	84	272511	46.897	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	418896	51.980	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	271376	51.680	ug/L 96
19) 1,1-Dichloroethane	6.21	63	538455	50.510	ug/L 99
21) 2-Butanone	7.17	43	317686	105.928	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	285850	50.290	ug/L 98
23) Bromochloromethane	7.51	128	118033	49.489	ug/L 99
25) Chloroform	7.68	83	485170	48.048	ug/L 99
27) 1,2-Dichloroethane	8.40	62	360043	46.645	ug/L 99
30) Cyclohexane	7.96	56	586270	54.854	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	392289	53.769	ug/L 100
32) Carbon tetrachloride	8.07	117	369180	53.955	ug/L 99
34) Benzene	8.32	78	1128903	51.384	ug/L 100
35) Trichloroethene	9.09	95	286609	51.696	ug/L 99
36) Methylcyclohexane	9.34	83	535698	53.693	ug/L 99
40) 1,2-Dichloropropane	9.37	63	302675	50.277	ug/L 100
41) Bromodichloromethane	9.65	83	357252	51.472	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	470956	53.020	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	558126	100.010	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1169312	51.421	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	387277	52.692	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	204611	49.080	ug/L	98
47) Tetrachloroethene	10.86	164	221858	52.949	ug/L	96
49) 2-Hexanone	10.97	43	428836	105.568	ug/L	99
50) Dibromochloromethane	11.13	129	233945	52.697	ug/L	100
51) 1,2-Dibromoethane	11.24	107	201316	50.010	ug/L	100
52) Chlorobenzene	11.66	112	697615	50.214	ug/L	99
53) Ethylbenzene	11.73	91	1322081	51.256	ug/L	100
54) m,p-Xylene	11.84	106	483661	51.646	ug/L	99
55) o-xylene	12.16	106	454889	51.060	ug/L	98
56) Styrene	12.18	104	782653	51.212	ug/L	100
57) Isopropylbenzene	12.46	105	1253906	51.561	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	272139	49.068	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	208449	48.941	ug/L	100
62) Bromoform	12.35	173	140310	55.155	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	535472	50.989	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	538178	50.060	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	489350	50.060	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	50115	52.218	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	414882	52.142	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	348962	52.350	ug/L	99
69) Naphthalene	15.37	128	764036	54.728	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	312974	51.315	ug/L	99

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

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