

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061119\
 Data File : VW010765.D
 Acq On : 11 Jun 2019 12:11
 Operator : SY/VA
 Sample : VSTD10017
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10017

Quant Time: Jun 11 12:34:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 11:56:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	385075	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357922	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	174774	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	509085	119.84	ug/L	0.00
7) Chloroethane-d5	2.86	69	396596	122.58	ug/L	-0.02
10) 1,1-Dichloroethene-d2	4.01	63	1108543	104.09	ug/L	0.00
20) 2-Butanone-d5	7.07	46	418871	202.89	ug/L	0.00
24) Chloroform-d	7.65	84	970687	93.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	634734	105.04	ug/L	0.00
29) Benzene-d6	8.27	84	2081976	105.64	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	684515	109.98	ug/L	0.00
37) Toluene-d8	10.32	98	1897007	109.43	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	324271	117.30	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	336469	216.49	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	579791	98.79	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	670915	104.86	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	602566	118.246	ug/L	100
3) Chloromethane	2.21	50	682068	140.758	ug/L	99
5) Vinyl chloride	2.35	62	614968	114.678	ug/L	99
6) Bromomethane	2.74	94	273930	92.749	ug/L	99
8) Chloroethane	2.90	64	360308	122.689	ug/L	98
9) Trichlorofluoromethane	3.25	101	821739	301.296	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	467102	90.419	ug/L	100
12) 1,1-Dichloroethene	4.03	96	435774	83.650	ug/L	95
13) Acetone	4.12	43	421569	259.592	ug/L	100
14) Carbon disulfide	4.37	76	1290097	86.376	ug/L	99
15) Methyl Acetate	4.67	43	372588	104.747	ug/L	100
16) Methylene chloride	4.92	84	504756	78.960	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	1484893	215.387	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	486298	93.338	ug/L	96
19) 1,1-Dichloroethane	6.21	63	1048449	102.495	ug/L	99
21) 2-Butanone	7.17	43	574425	231.859	ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	567885	100.752	ug/L	99
23) Bromochloromethane	7.51	128	232955	90.223	ug/L	98
25) Chloroform	7.68	83	1058765	104.661	ug/L	100
27) 1,2-Dichloroethane	8.40	62	756333	102.157	ug/L	100
30) Cyclohexane	7.95	56	992583	112.995	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	852043	115.503	ug/L	99
32) Carbon tetrachloride	8.07	117	718952	94.632	ug/L	99
34) Benzene	8.32	78	2121580	97.962	ug/L	100
35) Trichloroethene	9.09	95	544542	97.332	ug/L	99
36) Methylcyclohexane	9.34	83	934391	99.523	ug/L	100
40) 1,2-Dichloropropane	9.37	63	605441	107.705	ug/L	100
41) Bromodichloromethane	9.65	83	763448	104.881	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	964836	113.944	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	1151507	240.109	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	2237286	99.240	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	833573	114.405	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	431891	100.894	ug/L	99
47) Tetrachloroethene	10.86	164	404149	93.831	ug/L	96
49) 2-Hexanone	10.97	43	869528	245.753	ug/L	100
50) Dibromochloromethane	11.13	129	516297	105.003	ug/L	97
51) 1,2-Dibromoethane	11.24	107	410462	98.236	ug/L	100
52) Chlorobenzene	11.66	112	1419666	98.316	ug/L	99
53) Ethylbenzene	11.73	91	2595550	103.128	ug/L	100
54) m,p-Xylene	11.84	106	944258	101.832	ug/L	97
55) o-xylene	12.17	106	937418	107.174	ug/L	94
56) Styrene	12.18	104	1653600	108.404	ug/L	99
57) Isopropylbenzene	12.47	105	2526623	106.593	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	582047	101.368	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	451664	103.304	ug/L	100
62) Bromoform	12.35	173	313048	106.548	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1125752	105.841	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1131464	99.582	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	1054707	102.691	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	108735	101.405	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	868321	108.042	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	725858	111.577	ug/L	99
69) Naphthalene	15.37	128	1566045	108.676	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	632754	101.616	ug/L	99

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

