

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062119\
 Data File : VW010908.D
 Acq On : 21 Jun 2019 22:29
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05004

Quant Time: Jun 22 05:36:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 05:32:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	354288	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332580	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161966	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	227317	45.07	ug/L	0.00
7) Chloroethane-d5	2.88	69	181588	47.04	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	523160	49.16	ug/L	0.00
20) 2-Butanone-d5	7.07	46	224483	104.77	ug/L	0.00
24) Chloroform-d	7.65	84	480306	62.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	302276	50.08	ug/L	0.00
29) Benzene-d6	8.27	84	962494	48.41	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	322291	50.15	ug/L	0.00
37) Toluene-d8	10.32	98	877037	49.03	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	144638	50.67	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	152797	99.51	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	276170	50.36	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	304835	49.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	275730	50.156	ug/L 94
3) Chloromethane	2.21	50	310211	50.620	ug/L 98
5) Vinyl chloride	2.36	62	317477	54.615	ug/L 96
6) Bromomethane	2.77	94	161067	59.637	ug/L 99
8) Chloroethane	2.92	64	176405	52.419	ug/L 98
9) Trichlorofluoromethane	3.24	101	96483	14.870	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	241730	53.112	ug/L 99
12) 1,1-Dichloroethene	4.04	96	246344	57.985	ug/L 97
13) Acetone	4.12	43	160491	76.076	ug/L 100
14) Carbon disulfide	4.38	76	739721	59.059	ug/L 99
15) Methyl Acetate	4.67	43	190949	52.376	ug/L 99
16) Methylene chloride	4.92	84	267098	53.097	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	393791	31.246	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	252507	53.839	ug/L 97
19) 1,1-Dichloroethane	6.21	63	515184	53.012	ug/L 99
21) 2-Butanone	7.16	43	272043	90.687	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	278199	52.484	ug/L 98
23) Bromochloromethane	7.51	128	117195	53.094	ug/L 99
25) Chloroform	7.67	83	479309	44.233	ug/L 100
27) 1,2-Dichloroethane	8.40	62	382001	52.864	ug/L 100
30) Cyclohexane	7.95	56	524876	52.336	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	336589	43.696	ug/L 100
32) Carbon tetrachloride	8.07	117	318273	48.641	ug/L 100
34) Benzene	8.32	78	1079189	51.955	ug/L 100
35) Trichloroethene	9.09	95	269769	50.872	ug/L 100
36) Methylcyclohexane	9.34	83	482985	51.317	ug/L 100
40) 1,2-Dichloropropane	9.37	63	299417	51.769	ug/L 100
41) Bromodichloromethane	9.64	83	358537	52.936	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	468848	53.060	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	579303	103.303	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.39	91	1132333	52.035	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	389557	52.522	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	208636	50.698	ug/L	97
47) Tetrachloroethene	10.86	164	198563	50.185	ug/L	96
49) 2-Hexanone	10.97	43	410018	100.638	ug/L	100
50) Dibromochloromethane	11.13	129	235054	51.867	ug/L	98
51) 1,2-Dibromoethane	11.23	107	206668	51.948	ug/L	98
52) Chlorobenzene	11.66	112	684278	50.778	ug/L	100
53) Ethylbenzene	11.73	91	1269559	51.294	ug/L	99
54) m,p-Xylene	11.84	106	464207	51.826	ug/L	99
55) o-xylene	12.17	106	451612	52.013	ug/L	96
56) Styrene	12.18	104	791213	52.360	ug/L	97
57) Isopropylbenzene	12.46	105	1203144	50.981	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	277181	50.280	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	214527	49.277	ug/L	100
62) Bromoform	12.35	173	136670	50.460	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	535143	51.345	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	531987	50.193	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	495219	50.449	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	51800	49.977	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	399504	50.440	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	351101	53.069	ug/L	100
69) Naphthalene	15.37	128	805855	56.731	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	324115	54.109	ug/L	99

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

