

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062119\
 Data File : VW010909.D
 Acq On : 21 Jun 2019 22:56
 Operator : SY/VA
 Sample : VSTD10005
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10005

Quant Time: Jun 22 05:36:53 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	354608	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338967	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166243	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	421156	83.43	ug/L	0.00
7) Chloroethane-d5	2.88	69	342755	88.71	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1011684	94.97	ug/L	0.00
20) 2-Butanone-d5	7.07	46	511383	238.46	ug/L	0.00
24) Chloroform-d	7.65	84	951161	123.11	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	617503	102.21	ug/L	0.00
29) Benzene-d6	8.27	84	1887160	93.13	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	650757	99.36	ug/L	0.00
37) Toluene-d8	10.32	98	1743386	95.62	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	304992	104.83	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	345779	220.95	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	590441	105.63	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	612206	96.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	518301	94.195	ug/L 97
3) Chloromethane	2.21	50	612605	99.875	ug/L 99
5) Vinyl chloride	2.36	62	588742	101.188	ug/L 97
6) Bromomethane	2.77	94	305447	112.994	ug/L 99
8) Chloroethane	2.92	64	334510	99.310	ug/L 99
9) Trichlorofluoromethane	3.25	101	200621	30.891	ug/L 97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	463218	101.685	ug/L 98
12) 1,1-Dichloroethene	4.04	96	478572	112.546	ug/L 96
13) Acetone	4.12	43	353521	167.425	ug/L 99
14) Carbon disulfide	4.39	76	1440134	114.875	ug/L 99
15) Methyl Acetate	4.67	43	431749	118.318	ug/L 99
16) Methylene chloride	4.92	84	525696	104.410	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	795528	63.065	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	494348	105.310	ug/L 97
19) 1,1-Dichloroethane	6.21	63	1020769	104.942	ug/L 100
21) 2-Butanone	7.17	43	594696	198.067	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	554551	104.526	ug/L 98
23) Bromochloromethane	7.51	128	239447	108.380	ug/L 98
25) Chloroform	7.67	83	949577	87.552	ug/L 100
27) 1,2-Dichloroethane	8.40	62	768485	106.253	ug/L 99
30) Cyclohexane	7.95	56	1005748	98.395	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	653338	83.218	ug/L 99
32) Carbon tetrachloride	8.07	117	627147	94.039	ug/L 99
34) Benzene	8.32	78	2102389	99.307	ug/L 100
35) Trichloroethene	9.09	95	528975	97.873	ug/L 99
36) Methylcyclohexane	9.34	83	932248	97.184	ug/L 100
40) 1,2-Dichloropropane	9.37	63	597157	101.302	ug/L 100
41) Bromodichloromethane	9.64	83	734392	106.386	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	964783	107.128	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	1275949	223.245	ug/L 100

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44) Toluene	10.39	91	2231560	100.616	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	818670	108.297	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	430260	102.581	ug/L	99
47) Tetrachloroethene	10.86	164	392480	97.327	ug/L	99
49) 2-Hexanone	10.97	43	900363	216.829	ug/L	98
50) Dibromochloromethane	11.13	129	497283	107.662	ug/L	97
51) 1,2-Dibromoethane	11.24	107	435186	107.326	ug/L	97
52) Chlorobenzene	11.66	112	1376147	100.195	ug/L	99
53) Ethylbenzene	11.73	91	2533257	100.423	ug/L	99
54) m,p-Xylene	11.84	106	929261	101.791	ug/L	97
55) o-xylene	12.17	106	917030	103.626	ug/L	95
56) Styrene	12.18	104	1597297	103.712	ug/L	98
57) Isopropylbenzene	12.46	105	2388079	99.284	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	592790	105.505	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	462545	104.245	ug/L	100
62) Bromoform	12.35	173	301200	108.345	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1071881	100.196	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	1066689	98.053	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	995730	98.827	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	114806	107.915	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	772721	95.051	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	686528	101.099	ug/L	99
69) Naphthalene	15.37	128	1632931	111.998	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	624902	101.640	ug/L	99

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

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