

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062119\
 Data File : VW010907.D
 Acq On : 21 Jun 2019 22:02
 Operator : SY/VA
 Sample : VSTD02503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02503

Quant Time: Jun 22 05:36:02 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	347606	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324193	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161074	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99790	20.17	ug/L	0.00
7) Chloroethane-d5	2.88	69	81644	21.56	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	234499	22.46	ug/L	0.00
20) 2-Butanone-d5	7.07	46	115427	54.91	ug/L	0.00
24) Chloroform-d	7.65	84	233043	30.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	152033	25.67	ug/L	0.00
29) Benzene-d6	8.27	84	464914	23.99	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	156756	25.03	ug/L	0.00
37) Toluene-d8	10.32	98	423105	24.26	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	67884	24.40	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	75474	50.42	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139334	26.06	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	148039	24.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	117440	21.773	ug/L 100
3) Chloromethane	2.21	50	130089	21.636	ug/L 100
5) Vinyl chloride	2.36	62	142680	25.017	ug/L 100
6) Bromomethane	2.77	94	74617	28.159	ug/L 100
8) Chloroethane	2.92	64	80157	24.276	ug/L 100
9) Trichlorofluoromethane	3.24	101	42211	6.630	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	113675	25.456	ug/L 100
12) 1,1-Dichloroethene	4.04	96	112243	26.928	ug/L 100
13) Acetone	4.12	43	86652	41.864	ug/L 100
14) Carbon disulfide	4.38	76	323102	26.292	ug/L 100
15) Methyl Acetate	4.67	43	99886	27.925	ug/L 100
16) Methylene chloride	4.92	84	133104	26.969	ug/L 100
17) Methyl tert-butyl Ether	5.42	73	198795	16.077	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	120763	26.244	ug/L 100
19) 1,1-Dichloroethane	6.21	63	247359	25.942	ug/L 100
21) 2-Butanone	7.16	43	138230	46.966	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	134482	25.859	ug/L 100
23) Bromochloromethane	7.51	128	58818	27.159	ug/L 100
25) Chloroform	7.67	83	235444	22.146	ug/L 100
27) 1,2-Dichloroethane	8.40	62	191052	26.948	ug/L 100
30) Cyclohexane	7.95	56	247024	25.268	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	161774	21.545	ug/L 100
32) Carbon tetrachloride	8.07	117	149684	23.468	ug/L 100
34) Benzene	8.32	78	525557	25.956	ug/L 100
35) Trichloroethene	9.09	95	130993	25.341	ug/L 100
36) Methylcyclohexane	9.34	83	231157	25.196	ug/L 100
40) 1,2-Dichloropropane	9.37	63	148625	26.362	ug/L 100
41) Bromodichloromethane	9.65	83	172863	26.182	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	225155	26.140	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	296182	54.183	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	550626	25.958	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	189883	26.263	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	105226	26.231	ug/L	100
47) Tetrachloroethene	10.86	164	95746	24.825	ug/L	100
49) 2-Hexanone	10.97	43	205757	51.809	ug/L	100
50) Dibromochloromethane	11.13	129	114680	25.960	ug/L	100
51) 1,2-Dibromoethane	11.24	107	103277	26.631	ug/L	100
52) Chlorobenzene	11.66	112	333873	25.416	ug/L	100
53) Ethylbenzene	11.73	91	614466	25.469	ug/L	100
54) m,p-Xylene	11.84	106	224130	25.670	ug/L	100
55) o-xylene	12.17	106	219827	25.973	ug/L	100
56) Styrene	12.18	104	385398	26.164	ug/L	100
57) Isopropylbenzene	12.46	105	580971	25.254	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	142137	26.450	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	110978	26.151	ug/L	100
62) Bromoform	12.35	173	65243	24.222	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	255393	24.640	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	263018	24.953	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	247170	25.319	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	26248	25.464	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	196027	24.887	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	169390	25.745	ug/L	100
69) Naphthalene	15.37	128	398200	28.188	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	159319	26.745	ug/L	100

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

