

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
 Data File : VW013958.D
 Acq On : 11 Nov 2019 12:11
 Operator : SY/VA
 Sample : VSTD05003
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05003

Quant Time: Nov 11 12:53:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 11 12:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	312737	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	297971	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	177739	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	258256	53.07	ug/L	0.00
7) Chloroethane-d5	2.89	69	207868	53.47	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	516400	52.10	ug/L	0.00
20) 2-Butanone-d5	7.07	46	150099	85.72	ug/L	0.00
24) Chloroform-d	7.65	84	486389	49.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	249059	46.96	ug/L	0.00
29) Benzene-d6	8.27	84	1053694	52.79	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	313262	51.84	ug/L	0.00
37) Toluene-d8	10.32	98	1005385	53.09	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	142069	51.49	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	129833	94.59	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	244872	45.81	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	358036	50.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	187134	55.671	ug/L 98
3) Chloromethane	2.21	50	157553	40.869	ug/L 100
5) Vinyl chloride	2.37	62	260463	47.305	ug/L 95
6) Bromomethane	2.78	94	156046	45.055	ug/L 100
8) Chloroethane	2.92	64	157067	50.248	ug/L 97
9) Trichlorofluoromethane	3.26	101	166373	59.316	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	264608	49.157	ug/L 99
12) 1,1-Dichloroethene	4.04	96	268050	49.664	ug/L 85
13) Acetone	4.12	43	121517	71.254	ug/L 99
14) Carbon disulfide	4.39	76	786685	50.998	ug/L 99
15) Methyl Acetate	4.67	43	129555	43.871	ug/L 99
16) Methylene chloride	4.92	84	275138	47.053	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	355519	52.070	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	282086	50.149	ug/L 97
19) 1,1-Dichloroethane	6.21	63	476146	49.857	ug/L 100
21) 2-Butanone	7.17	43	182768	78.076	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	304697	51.510	ug/L 97
23) Bromochloromethane	7.51	128	136365	49.027	ug/L 94
25) Chloroform	7.67	83	470224	48.972	ug/L 100
27) 1,2-Dichloroethane	8.40	62	292487	46.057	ug/L 98
30) Cyclohexane	7.95	56	481501	53.549	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	369519	50.642	ug/L 99
32) Carbon tetrachloride	8.07	117	361601	50.678	ug/L 99
34) Benzene	8.32	78	1099421	50.822	ug/L 100
35) Trichloroethene	9.09	95	289553	50.777	ug/L 100
36) Methylcyclohexane	9.34	83	525628	52.514	ug/L 100
40) 1,2-Dichloropropane	9.37	63	272625	51.345	ug/L 100
41) Bromodichloromethane	9.64	83	338609	50.730	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	447366	53.464	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	369455	90.476	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	1211413	52.113	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	358222	51.809	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	204157	48.152	ug/L	97
47) Tetrachloroethene	10.86	164	262382	49.977	ug/L	97
49) 2-Hexanone	10.97	43	263661	87.892	ug/L	98
50) Dibromochloromethane	11.13	129	249430	50.679	ug/L	99
51) 1,2-Dibromoethane	11.23	107	201590	48.097	ug/L	99
52) Chlorobenzene	11.65	112	763511	50.930	ug/L	96
53) Ethylbenzene	11.73	91	1339904	51.781	ug/L	100
54) m,p-Xylene	11.83	106	523988	52.546	ug/L	99
55) o-xylene	12.16	106	499155	52.955	ug/L	98
56) Styrene	12.18	104	859375	52.833	ug/L	97
57) Isopropylbenzene	12.46	105	1340399	52.736	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	246915	46.242	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	178742	44.585	ug/L	99
62) Bromoform	12.35	173	157724	48.807	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	637214	51.770	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	629023	50.980	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	567278	50.970	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	39225	43.996	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	499008	53.827	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	409394	54.547	ug/L	99
69) Naphthalene	15.36	128	757997	53.234	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	358667	51.859	ug/L	99

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

