

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010110.D
 Acq On : 24 Apr 2019 11:53
 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: Apr 24 12:13:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 24 11:53:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	833171	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	776964	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	371560	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	818908	104.01	ug/L	0.00
7) Chloroethane-d5	2.89	69	705166	88.42	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	2328941	106.66	ug/L	0.00
20) 2-Butanone-d5	7.07	46	900552	211.44	ug/L	0.00
24) Chloroform-d	7.65	84	2258421	93.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	1311816	87.78	ug/L	0.00
29) Benzene-d6	8.27	84	4414060	103.38	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1388736	102.11	ug/L	0.00
37) Toluene-d8	10.32	98	4060480	104.24	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	689843	106.98	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	733979	243.56	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1218879	95.81	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	1388567	99.41	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	1190376	101.833	ug/L	96
3) Chloromethane	2.22	50	995776	93.459	ug/L	99
5) Vinyl chloride	2.37	62	1008185	100.590	ug/L	97
6) Bromomethane	2.77	94	647672	87.501	ug/L	98
8) Chloroethane	2.92	64	636508	88.461	ug/L	98
9) Trichlorofluoromethane	3.25	101	637296	77.235	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	1019354	94.880	ug/L	100
12) 1,1-Dichloroethene	4.03	96	1090671	108.428	ug/L	94
13) Acetone	4.12	43	526638	139.049	ug/L	99
14) Carbon disulfide	4.38	76	3293956	115.520	ug/L	100
15) Methyl Acetate	4.67	43	720660	94.275	ug/L	100
16) Methylene chloride	4.92	84	1085997	71.987	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	1469522	99.822	ug/L	99
18) trans-1,2-Dichloroethene	5.41	96	1150354	101.051	ug/L	97
19) 1,1-Dichloroethane	6.21	63	2175703	95.882	ug/L	100
21) 2-Butanone	7.17	43	1009124	203.476	ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	1288226	104.275	ug/L	99
23) Bromochloromethane	7.51	128	559933	97.321	ug/L	100
25) Chloroform	7.67	83	2162031	93.115	ug/L	99
27) 1,2-Dichloroethane	8.40	62	1595346	89.246	ug/L	99
30) Cyclohexane	7.95	56	2093440	119.217	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	1617368	99.676	ug/L	99
32) Carbon tetrachloride	8.06	117	1654733	103.866	ug/L	100
34) Benzene	8.32	78	4639110	101.356	ug/L	100
35) Trichloroethene	9.09	95	1240116	104.205	ug/L	99
36) Methylcyclohexane	9.33	83	2154888	112.701	ug/L	99
40) 1,2-Dichloropropane	9.37	63	1224720	101.176	ug/L	99
41) Bromodichloromethane	9.64	83	1650371	99.866	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	2036549	109.128	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	2167992	217.463	ug/L	100

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44) Toluene	10.39	91	4957764	102.101	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	1789493	108.597	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	925558	98.042	ug/L	98
47) Tetrachloroethene	10.86	164	945059	101.662	ug/L	98
49) 2-Hexanone	10.97	43	1537177	217.038	ug/L	99
50) Dibromochloromethane	11.13	129	1149261	102.559	ug/L	99
51) 1,2-Dibromoethane	11.24	107	932279	100.887	ug/L	98
52) Chlorobenzene	11.66	112	3153703	99.534	ug/L	98
53) Ethylbenzene	11.73	91	5675284	104.570	ug/L	99
54) m,p-Xylene	11.84	106	2127025	107.145	ug/L	100
55) o-xylene	12.17	106	2064089	108.408	ug/L	100
56) Styrene	12.18	104	3554410	106.638	ug/L	100
57) Isopropylbenzene	12.46	105	5494826	108.350	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	1174801	94.597	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	901355	96.983	ug/L	99
62) Bromoform	12.35	173	691659	106.001	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	2389225	106.427	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	2415559	100.132	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	2149927	97.604	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	215626	96.733	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	1677084	101.990	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	1430140	106.167	ug/L	97
69) Naphthalene	15.37	128	3380930	116.942	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	1306393	101.643	ug/L	98

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

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