

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101819\
 Data File : VW013617.D
 Acq On : 18 Oct 2019 11:16
 Operator : SY/VA
 Sample : VSTD05006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05006

Quant Time: Oct 18 11:53:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 11:37:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	316476	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189697	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	191850	51.82	ug/L	0.00
7) Chloroethane-d5	2.89	69	171499	60.32	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	418858	54.50	ug/L	0.00
20) 2-Butanone-d5	7.07	46	140216	125.72	ug/L	0.00
24) Chloroform-d	7.65	84	424689	60.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	219746	60.35	ug/L	0.00
29) Benzene-d6	8.27	84	867776	51.19	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	263883	52.47	ug/L	0.00
37) Toluene-d8	10.32	98	805653	50.07	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	121543	54.25	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	112974	112.29	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	224168	55.59	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	305839	44.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	178226	101.095	ug/L 95
3) Chloromethane	2.21	50	200906	64.859	ug/L 97
5) Vinyl chloride	2.37	62	259907	59.307	ug/L 98
6) Bromomethane	2.78	94	177548	66.143	ug/L 100
8) Chloroethane	2.92	64	165216	67.212	ug/L 98
9) Trichlorofluoromethane	3.26	101	162507	71.130	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	259685	64.046	ug/L 99
12) 1,1-Dichloroethene	4.04	96	269540	66.368	ug/L 98
13) Acetone	4.12	43	134562	104.969	ug/L 95
14) Carbon disulfide	4.39	76	783668	63.230	ug/L 99
15) Methyl Acetate	4.67	43	132343	66.183	ug/L 98
16) Methylene chloride	4.92	84	276743	56.474	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	359617	55.101	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	287830	66.414	ug/L 96
19) 1,1-Dichloroethane	6.21	63	489303	67.246	ug/L 98
21) 2-Butanone	7.17	43	194862	124.255	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	310501	66.988	ug/L 98
23) Bromochloromethane	7.51	128	140766	67.823	ug/L 97
25) Chloroform	7.67	83	483121	67.304	ug/L 99
27) 1,2-Dichloroethane	8.40	62	315535	69.500	ug/L 96
30) Cyclohexane	7.96	56	477052	57.329	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	369263	57.931	ug/L 99
32) Carbon tetrachloride	8.07	117	364413	59.601	ug/L 99
34) Benzene	8.32	78	1141385	59.698	ug/L 100
35) Trichloroethene	9.09	95	295747	59.302	ug/L 99
36) Methylcyclohexane	9.34	83	519494	57.281	ug/L 99
40) 1,2-Dichloropropane	9.37	63	282066	61.241	ug/L 100
41) Bromodichloromethane	9.65	83	352206	62.258	ug/L 98
42) cis-1,3-Dichloropropene	10.07	75	462397	62.579	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	381739	118.788	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	1246141	60.142	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	372001	63.758	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	213092	60.948	ug/L	98
47) Tetrachloroethene	10.86	164	266820	58.703	ug/L	97
49) 2-Hexanone	10.97	43	290040	124.182	ug/L	99
50) Dibromochloromethane	11.13	129	261704	63.574	ug/L	94
51) 1,2-Dibromoethane	11.23	107	214674	62.505	ug/L	97
52) Chlorobenzene	11.66	112	788668	59.973	ug/L	99
53) Ethylbenzene	11.73	91	1381790	60.246	ug/L	98
54) m,p-Xylene	11.84	106	530416	59.283	ug/L	99
55) o-xylene	12.16	106	512542	61.369	ug/L	99
56) Styrene	12.18	104	883191	62.093	ug/L	99
57) Isopropylbenzene	12.46	105	1364487	60.225	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	254492	61.609	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	190041	61.613	ug/L	98
62) Bromoform	12.35	173	168156	55.113	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	636988	50.111	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	636900	50.334	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	578479	50.613	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	41332	52.383	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	487606	50.823	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	429611	54.025	ug/L	100
69) Naphthalene	15.36	128	808298	55.806	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	377240	53.275	ug/L	99

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

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