

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031419\
 Data File : VW009171.D
 Acq On : 14 Mar 2019 15:33
 Operator : SY/VA
 Sample : VSTD05004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05004

Quant Time: Mar 14 15:53:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 15:38:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	508784	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	482475	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	251696	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	296426	37.45	ug/L	0.00
7) Chloroethane-d5	2.89	69	301216	42.39	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	606594	46.08	ug/L	0.00
20) 2-Butanone-d5	7.07	46	207865	88.08	ug/L	0.00
24) Chloroform-d	7.64	84	609161	49.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	358396	49.36	ug/L	0.00
29) Benzene-d6	8.27	84	1161196	50.13	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	348173	51.31	ug/L	0.00
37) Toluene-d8	10.32	98	1100992	47.47	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	185182	54.46	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	173096	93.64	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	338596	49.70	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	418485	46.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	335504	34.327 ug/L	95
3) Chloromethane	2.22	50	360215	35.655 ug/L	98
5) Vinyl chloride	2.37	62	405638	39.163 ug/L	97
6) Bromomethane	2.78	94	304448	44.329 ug/L	99
8) Chloroethane	2.93	64	298219	43.001 ug/L	91
9) Trichlorofluoromethane	3.25	101	293213	23.673 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	322077	44.029 ug/L	96
12) 1,1-Dichloroethene	4.04	96	314529	49.560 ug/L	85
13) Acetone	4.12	43	177885	79.443 ug/L	100
14) Carbon disulfide	4.38	76	915851	41.762 ug/L	100
15) Methyl Acetate	4.67	43	180115	40.330 ug/L	99
16) Methylene chloride	4.92	84	319596	38.846 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	423751	23.743 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	324033	46.376 ug/L	100
19) 1,1-Dichloroethane	6.21	63	586785	49.462 ug/L	99
21) 2-Butanone	7.17	43	262742	83.859 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	352556	47.047 ug/L	98
23) Bromochloromethane	7.51	128	162172	47.296 ug/L	95
25) Chloroform	7.67	83	618547	49.530 ug/L	99
27) 1,2-Dichloroethane	8.40	62	452187	49.789 ug/L	100
30) Cyclohexane	7.95	56	562398	49.523 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	473454	42.506 ug/L	99
32) Carbon tetrachloride	8.06	117	485356	47.679 ug/L	97
34) Benzene	8.32	78	1313048	50.165 ug/L	100
35) Trichloroethene	9.09	95	344830	48.810 ug/L	100
36) Methylcyclohexane	9.34	83	624505	49.818 ug/L	99
40) 1,2-Dichloropropane	9.37	63	328238	50.766 ug/L	99
41) Bromodichloromethane	9.64	83	466911	53.109 ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	560823	53.473 ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	566945	97.095 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	1429637	47.511	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	483729	51.651	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	255614	47.284	ug/L	100
47) Tetrachloroethene	10.86	164	289986	45.088	ug/L	99
49) 2-Hexanone	10.97	43	428834	93.630	ug/L	98
50) Dibromochloromethane	11.13	129	332681	50.763	ug/L	95
51) 1,2-Dibromoethane	11.23	107	265762	48.601	ug/L	96
52) Chlorobenzene	11.66	112	916274	45.244	ug/L	100
53) Ethylbenzene	11.73	91	1661799	47.530	ug/L	99
54) m,p-Xylene	11.84	106	625239	45.477	ug/L	97
55) o-xylene	12.16	106	612071	46.278	ug/L	98
56) Styrene	12.18	104	1067074	48.106	ug/L	96
57) Isopropylbenzene	12.46	105	1685937	47.784	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	345839	47.685	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	258262	48.162	ug/L	98
62) Bromoform	12.35	173	211210	54.201	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	741146	45.116	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	753151	45.127	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	695114	45.682	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	62368	46.162	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	571025	44.148	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	486779	43.692	ug/L	100
69) Naphthalene	15.37	128	1034285	45.094	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	448501	43.808	ug/L	99

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

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