

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073019\
 Data File : VW011569.D
 Acq On : 30 Jul 2019 10:48
 Operator : SY/VA
 Sample : VSTD05002
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05002

Quant Time: Jul 30 11:24:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 11:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	348445	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	309584	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	148632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	236638	50.87	ug/L	0.00
7) Chloroethane-d5	2.89	69	176229	52.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	568215	53.92	ug/L	0.00
20) 2-Butanone-d5	7.07	46	270621	136.61	ug/L	0.00
24) Chloroform-d	7.65	84	460109	51.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	274928	51.82	ug/L	0.00
29) Benzene-d6	8.27	84	941926	50.87	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	301543	50.26	ug/L	0.00
37) Toluene-d8	10.32	98	840772	50.67	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	139101	53.68	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	182047	139.97	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	275547	57.48	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	275586	49.38	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	218047	51.299	ug/L 98
3) Chloromethane	2.21	50	250206	48.516	ug/L 99
5) Vinyl chloride	2.36	62	334458	55.066	ug/L 98
6) Bromomethane	2.77	94	160104	54.600	ug/L 100
8) Chloroethane	2.92	64	179585	55.525	ug/L 99
9) Trichlorofluoromethane	3.26	101	182031	63.012	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	264681	57.091	ug/L 97
12) 1,1-Dichloroethene	4.04	96	263467	56.927	ug/L 87
13) Acetone	4.12	43	290751	138.739	ug/L 98
14) Carbon disulfide	4.38	76	875490	58.343	ug/L 100
15) Methyl Acetate	4.67	43	242506	75.363	ug/L 100
16) Methylene chloride	4.92	84	268386	52.913	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	444690	60.774	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	272232	57.039	ug/L 98
19) 1,1-Dichloroethane	6.21	63	534785	56.412	ug/L 99
21) 2-Butanone	7.16	43	385556	143.160	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	284041	56.180	ug/L 100
23) Bromochloromethane	7.51	128	119699	56.647	ug/L 99
25) Chloroform	7.68	83	486851	55.749	ug/L 99
27) 1,2-Dichloroethane	8.40	62	370716	58.243	ug/L 97
30) Cyclohexane	7.96	56	578554	57.373	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	392802	56.998	ug/L 99
32) Carbon tetrachloride	8.07	117	374944	58.546	ug/L 100
34) Benzene	8.32	78	1121225	55.792	ug/L 100
35) Trichloroethene	9.09	95	287417	56.271	ug/L 99
36) Methylcyclohexane	9.34	83	532704	57.355	ug/L 99
40) 1,2-Dichloropropane	9.37	63	297635	55.126	ug/L 100
41) Bromodichloromethane	9.65	83	358105	56.727	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	467967	57.691	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	660248	142.843	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	1154748	56.020	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	396374	59.459	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	212293	58.741	ug/L	98
47) Tetrachloroethene	10.86	164	217659	55.544	ug/L	95
49) 2-Hexanone	10.97	43	517961	148.456	ug/L	99
50) Dibromochloromethane	11.13	129	238653	59.655	ug/L	96
51) 1,2-Dibromoethane	11.24	107	211621	60.546	ug/L	99
52) Chlorobenzene	11.66	112	684103	55.033	ug/L	98
53) Ethylbenzene	11.73	91	1299385	56.011	ug/L	98
54) m,p-Xylene	11.84	106	471598	55.507	ug/L	96
55) o-xylene	12.16	106	447408	55.871	ug/L	98
56) Styrene	12.18	104	772828	57.370	ug/L	100
57) Isopropylbenzene	12.46	105	1234062	56.577	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	299384	63.771	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	233319	65.047	ug/L	98
62) Bromoform	12.35	173	150401	63.932	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	524725	55.751	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	521758	54.579	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	475964	54.960	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	60010	72.698	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	398017	55.435	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	334874	56.277	ug/L	99
69) Naphthalene	15.36	128	775799	64.048	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	310244	57.551	ug/L	99

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

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