

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073019\
 Data File : VW011570.D
 Acq On : 30 Jul 2019 11:14
 Operator : SY/VA
 Sample : VSTD10003
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

Quant Time: Jul 30 11:36:54 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	392013	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	356716	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	166728	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	502509	96.02	ug/L	0.00
7) Chloroethane-d5	2.88	69	380598	99.83	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1221236	103.00	ug/L	0.00
20) 2-Butanone-d5	7.07	46	444072	199.26	ug/L	0.00
24) Chloroform-d	7.65	84	1037643	103.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	601027	100.69	ug/L	0.00
29) Benzene-d6	8.27	84	2082464	97.61	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	687602	99.47	ug/L	0.00
37) Toluene-d8	10.32	98	1891839	98.94	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	313780	105.08	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	312803	208.72	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	533895	96.66	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	601740	96.13	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	515079	107.712	ug/L	100
3) Chloromethane	2.21	50	599146	103.264	ug/L	99
5) Vinyl chloride	2.37	62	694571	101.647	ug/L	98
6) Bromomethane	2.77	94	335394	101.667	ug/L	99
8) Chloroethane	2.92	64	388290	106.711	ug/L	99
9) Trichlorofluoromethane	3.26	101	405710	124.833	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	565702	108.458	ug/L	97
12) 1,1-Dichloroethene	4.04	96	567321	108.957	ug/L	97
13) Acetone	4.12	43	440398	186.792	ug/L	98
14) Carbon disulfide	4.39	76	1870485	110.797	ug/L	100
15) Methyl Acetate	4.67	43	410549	113.405	ug/L	99
16) Methylene chloride	4.92	84	588835	103.188	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	929488	112.912	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	592954	110.430	ug/L	99
19) 1,1-Dichloroethane	6.21	63	1197311	112.261	ug/L	100
21) 2-Butanone	7.17	43	626379	206.730	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	638027	112.170	ug/L	98
23) Bromochloromethane	7.51	128	266932	112.284	ug/L	99
25) Chloroform	7.68	83	1082741	110.205	ug/L	100
27) 1,2-Dichloroethane	8.40	62	797372	111.352	ug/L	99
30) Cyclohexane	7.96	56	1253802	107.907	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	861308	108.468	ug/L	98
32) Carbon tetrachloride	8.07	117	821323	111.302	ug/L	100
34) Benzene	8.32	78	2455818	106.056	ug/L	100
35) Trichloroethene	9.09	95	630024	107.049	ug/L	100
36) Methylcyclohexane	9.34	83	1146303	107.112	ug/L	99
40) 1,2-Dichloropropane	9.37	63	669633	107.638	ug/L	100
41) Bromodichloromethane	9.65	83	815149	112.066	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	1072260	114.723	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	1170097	219.700	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	2561287	107.839	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	880035	114.569	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	449465	107.933	ug/L	98
47) Tetrachloroethene	10.86	164	480679	106.456	ug/L	95
49) 2-Hexanone	10.97	43	876925	218.131	ug/L	99
50) Dibromochloromethane	11.13	129	533405	115.715	ug/L	96
51) 1,2-Dibromoethane	11.24	107	441992	109.749	ug/L	99
52) Chlorobenzene	11.66	112	1536920	107.302	ug/L	98
53) Ethylbenzene	11.73	91	2876492	107.610	ug/L	99
54) m,p-Xylene	11.84	106	1050827	107.339	ug/L	96
55) o-xylene	12.16	106	1002980	108.701	ug/L	98
56) Styrene	12.18	104	1721323	110.896	ug/L	98
57) Isopropylbenzene	12.46	105	2715695	108.054	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	571422	105.634	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	431140	104.317	ug/L	99
62) Bromoform	12.35	173	313676	118.865	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1147725	108.708	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1131256	105.492	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	1027752	105.794	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	98975	106.888	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	843594	104.741	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	722811	108.288	ug/L	99
69) Naphthalene	15.37	128	1461420	107.557	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	646123	106.849	ug/L	99

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

