

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100918\
 Data File : VW005939.D
 Acq On : 09 Oct 2018 12:53
 Operator : SY/AP
 Sample : VSTD05097
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05097

Quant Time: Oct 09 14:08:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 09 14:04:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	378598	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357479	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	199012	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	187361	38.82	ug/L	0.00
7) Chloroethane-d5	2.89	69	170836	45.37	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	391141	37.12	ug/L	0.00
20) 2-Butanone-d5	7.08	46	162118	104.63	ug/L	0.00
24) Chloroform-d	7.65	84	411579	42.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	233295	39.60	ug/L	0.00
29) Benzene-d6	8.27	84	809620	45.75	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	244690	47.84	ug/L	0.00
37) Toluene-d8	10.33	98	815026	46.65	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	126307	47.02	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	141516	118.15	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	268952	54.13	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	351558	49.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	188075	42.365	ug/L 95
3) Chloromethane	2.22	50	173252	41.895	ug/L 97
5) Vinyl chloride	2.37	62	283191	47.493	ug/L 98
6) Bromomethane	2.78	94	219760	61.255	ug/L 99
8) Chloroethane	2.93	64	175183	52.840	ug/L 97
9) Trichlorofluoromethane	3.26	101	240442	52.773	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	233971	45.458	ug/L 97
12) 1,1-Dichloroethene	4.04	96	222003	45.162	ug/L 86
13) Acetone	4.12	43	165705	102.698	ug/L 100
14) Carbon disulfide	4.38	76	718774	46.634	ug/L 100
15) Methyl Acetate	4.67	43	134258	46.886	ug/L 100
16) Methylene chloride	4.91	84	223537	35.809	ug/L 98
17) Methyl tert-butyl Ether	5.43	73	363874	46.522	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	243318	48.129	ug/L 95
19) 1,1-Dichloroethane	6.21	63	397399	42.481	ug/L 99
21) 2-Butanone	7.18	43	216787	112.189	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	266840	48.557	ug/L 99
23) Bromochloromethane	7.52	128	127084	49.828	ug/L 97
25) Chloroform	7.68	83	427638	42.725	ug/L 100
27) 1,2-Dichloroethane	8.40	62	298609	40.521	ug/L 98
30) Cyclohexane	7.96	56	399458	49.302	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	380972	43.519	ug/L 99
32) Carbon tetrachloride	8.07	117	376505	44.165	ug/L 99
34) Benzene	8.33	78	930081	46.046	ug/L 100
35) Trichloroethene	9.09	95	262866	48.645	ug/L 100
36) Methylcyclohexane	9.34	83	479852	51.067	ug/L 99
40) 1,2-Dichloropropane	9.37	63	230394	46.804	ug/L 99
41) Bromodichloromethane	9.65	83	322874	46.652	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	390757	48.069	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	408585	101.712	ug/L 99

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44) Toluene	10.39	91	1055976	46.782	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	350934	46.362	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	201750	49.116	ug/L	97
47) Tetrachloroethene	10.87	164	244989	51.460	ug/L	96
49) 2-Hexanone	10.97	43	316780	112.342	ug/L	97
50) Dibromochloromethane	11.13	129	262313	50.919	ug/L	98
51) 1,2-Dibromoethane	11.24	107	214231	53.946	ug/L	99
52) Chlorobenzene	11.66	112	711929	47.943	ug/L	99
53) Ethylbenzene	11.74	91	1228251	47.524	ug/L	99
54) m,p-Xylene	11.84	106	483517	49.659	ug/L	100
55) o-xylene	12.17	106	465013	50.669	ug/L	100
56) Styrene	12.19	104	813311	50.499	ug/L	96
57) Isopropylbenzene	12.47	105	1303558	49.729	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	278788	53.204	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	209239	49.192	ug/L	100
62) Bromoform	12.35	173	190627	53.866	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	623676	49.337	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	621415	47.072	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	576887	47.427	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	53859	46.569	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	500044	48.197	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	432543	50.752	ug/L	100
69) Naphthalene	15.38	128	937490	54.897	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	394802	49.427	ug/L	99

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

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