

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101819\
 Data File : VW013616.D
 Acq On : 18 Oct 2019 10:50
 Operator : SY/VA
 Sample : VSTD02505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02505

Quant Time: Oct 18 11:37:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 10:06:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	334384	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323357	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	190100	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	97526	25.49	ug/L	0.00
7) Chloroethane-d5	2.89	69	86268	29.36	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	209821	26.42	ug/L	0.00
20) 2-Butanone-d5	7.08	46	69144	59.98	ug/L	0.00
24) Chloroform-d	7.65	84	213839	29.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	112525	29.90	ug/L	0.00
29) Benzene-d6	8.27	84	440421	25.43	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	134254	26.12	ug/L	0.00
37) Toluene-d8	10.32	98	405818	24.68	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	59729	26.09	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	52987	51.55	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	109990	26.70	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	152461	22.32	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	88859	48.768	ug/L 99
3) Chloromethane	2.21	50	92196	28.798	ug/L 98
5) Vinyl chloride	2.37	62	127945	28.248	ug/L 100
6) Bromomethane	2.78	94	87674	31.602	ug/L 98
8) Chloroethane	2.93	64	80944	31.860	ug/L 98
9) Trichlorofluoromethane	3.26	101	78545	33.264	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	131732	31.435	ug/L 100
12) 1,1-Dichloroethene	4.04	96	132759	31.628	ug/L 92
13) Acetone	4.13	43	64977	49.043	ug/L 98
14) Carbon disulfide	4.39	76	386167	30.147	ug/L 100
15) Methyl Acetate	4.67	43	65023	31.462	ug/L 99
16) Methylene chloride	4.92	84	141253	27.889	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	176417	26.154	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	143677	32.076	ug/L 94
19) 1,1-Dichloroethane	6.21	63	242095	32.192	ug/L 98
21) 2-Butanone	7.17	43	93564	57.726	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	154082	32.163	ug/L 99
23) Bromochloromethane	7.51	128	68894	32.117	ug/L 97
25) Chloroform	7.68	83	240591	32.429	ug/L 100
27) 1,2-Dichloroethane	8.40	62	154500	32.926	ug/L 98
30) Cyclohexane	7.95	56	236882	27.861	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	182349	27.999	ug/L 100
32) Carbon tetrachloride	8.07	117	180143	28.836	ug/L 100
34) Benzene	8.32	78	573451	29.355	ug/L 100
35) Trichloroethene	9.09	95	146367	28.724	ug/L 99
36) Methylcyclohexane	9.34	83	264230	28.515	ug/L 100
40) 1,2-Dichloropropane	9.37	63	137133	29.140	ug/L 100
41) Bromodichloromethane	9.64	83	172354	29.818	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	222083	29.416	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	182014	55.433	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	613193	28.964	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	178564	29.953	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	105280	29.471	ug/L	98
47) Tetrachloroethene	10.86	164	132653	28.564	ug/L	97
49) 2-Hexanone	10.97	43	139506	58.459	ug/L	99
50) Dibromochloromethane	11.13	129	126127	29.987	ug/L	95
51) 1,2-Dibromoethane	11.23	107	102843	29.307	ug/L	98
52) Chlorobenzene	11.66	112	386782	28.786	ug/L	99
53) Ethylbenzene	11.73	91	678763	28.964	ug/L	98
54) m,p-Xylene	11.83	106	265728	29.067	ug/L	98
55) o-xylene	12.16	106	250260	29.327	ug/L	97
56) Styrene	12.18	104	430787	29.642	ug/L	98
57) Isopropylbenzene	12.46	105	671006	28.986	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	126167	29.893	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	92386	29.315	ug/L	98
62) Bromoform	12.35	173	80396	26.294	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	314886	24.719	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	316134	24.931	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	286001	24.970	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	19401	24.536	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	242374	25.209	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	203347	25.517	ug/L	98
69) Naphthalene	15.36	128	377164	25.985	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	182660	25.741	ug/L	98

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

