

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW103119\
 Data File : VW013851.D
 Acq On : 31 Oct 2019 11:29
 Operator : SY/VA
 Sample : VSTD02506
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Oct 31 12:00:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM103119S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 10:08:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	312561	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306839	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	187678	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	124783	32.54	ug/L	0.00
7) Chloroethane-d5	2.89	69	100115	27.97	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	249144	29.42	ug/L	0.00
20) 2-Butanone-d5	7.07	46	94722	69.06	ug/L	0.00
24) Chloroform-d	7.65	84	259700	29.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	139864	30.58	ug/L	0.00
29) Benzene-d6	8.27	84	546238	29.63	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	161967	29.42	ug/L	0.00
37) Toluene-d8	10.32	98	521331	30.66	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	75782	30.51	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	78735	74.81	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	147075	32.61	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	196670	29.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	77963	22.176 ug/L	94
3) Chloromethane	2.21	50	82609	21.707 ug/L	98
5) Vinyl chloride	2.36	62	129425	27.214 ug/L	98
6) Bromomethane	2.78	94	80601	23.455 ug/L	100
8) Chloroethane	2.92	64	74613	23.216 ug/L	100
9) Trichlorofluoromethane	3.25	101	58827	18.352 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	128555	25.469 ug/L	98
12) 1,1-Dichloroethene	4.04	96	132383	26.650 ug/L #	86
13) Acetone	4.12	43	66993	44.008 ug/L	94
14) Carbon disulfide	4.39	76	379414	26.693 ug/L	98
15) Methyl Acetate	4.67	43	73652	29.610 ug/L	100
16) Methylene chloride	4.92	84	135111	22.574 ug/L	96
17) Methyl tert-butyl Ether	5.42	73	167933	24.433 ug/L #	88
18) trans-1,2-Dichloroethene	5.42	96	137272	24.998 ug/L	92
19) 1,1-Dichloroethane	6.21	63	232892	25.056 ug/L	98
21) 2-Butanone	7.17	43	104124	53.871 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	146774	24.901 ug/L	99
23) Bromochloromethane	7.51	128	68772	25.814 ug/L	94
25) Chloroform	7.67	83	232074	24.856 ug/L	100
27) 1,2-Dichloroethane	8.40	62	155436	25.974 ug/L	97
30) Cyclohexane	7.95	56	234795	26.120 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	180986	25.289 ug/L	99
32) Carbon tetrachloride	8.07	117	180016	25.832 ug/L	100
34) Benzene	8.32	78	548530	24.915 ug/L	100
35) Trichloroethene	9.09	95	143846	25.466 ug/L	99
36) Methylcyclohexane	9.34	83	256919	25.805 ug/L	100
40) 1,2-Dichloropropane	9.37	63	132649	24.642 ug/L	99
41) Bromodichloromethane	9.65	83	169203	25.653 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	217333	25.572 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	210311	57.263 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	598131	25.287	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	178500	26.019	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	107449	25.881	ug/L	98
47) Tetrachloroethene	10.86	164	127826	24.722	ug/L	98
49) 2-Hexanone	10.97	43	148506	56.996	ug/L	98
50) Dibromochloromethane	11.13	129	127813	26.086	ug/L	98
51) 1,2-Dibromoethane	11.23	107	107730	26.684	ug/L	95
52) Chlorobenzene	11.66	112	375210	24.792	ug/L	99
53) Ethylbenzene	11.73	91	661884	25.326	ug/L	99
54) m,p-Xylene	11.83	106	259090	25.654	ug/L	99
55) o-xylene	12.16	106	244134	25.473	ug/L	97
56) Styrene	12.18	104	421254	25.694	ug/L	99
57) Isopropylbenzene	12.46	105	654537	25.461	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	137222	28.200	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	103494	28.521	ug/L	99
62) Bromoform	12.35	173	83833	26.064	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	313853	24.645	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	314551	24.580	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	288414	24.996	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22435	28.288	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	247370	26.129	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	203299	25.294	ug/L	99
69) Naphthalene	15.36	128	403948	27.736	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	185133	25.721	ug/L	99

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

