

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111119\
 Data File : VW013957.D
 Acq On : 11 Nov 2019 11:45
 Operator : SY/VA
 Sample : VSTD02502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02502

Quant Time: Nov 11 12:17:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 11 12:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	323469	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	305455	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	182011	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	134373	26.70	ug/L	0.00
7) Chloroethane-d5	2.89	69	107251	26.67	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	268817	26.22	ug/L	0.00
20) 2-Butanone-d5	7.07	46	76841	42.43	ug/L	0.00
24) Chloroform-d	7.65	84	254663	24.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	129805	23.66	ug/L	0.00
29) Benzene-d6	8.27	84	550677	26.91	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	161287	26.04	ug/L	0.00
37) Toluene-d8	10.32	98	517634	26.67	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	71383	25.24	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	64561	45.88	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124840	22.78	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	180335	25.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	90338	25.983	ug/L 100
3) Chloromethane	2.21	50	77746	19.498	ug/L 100
5) Vinyl chloride	2.37	62	135547	23.801	ug/L 100
6) Bromomethane	2.78	94	82154	22.933	ug/L 100
8) Chloroethane	2.92	64	81063	25.073	ug/L 100
9) Trichlorofluoromethane	3.26	101	91446	31.521	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	139401	25.038	ug/L 100
12) 1,1-Dichloroethene	4.04	96	142803	25.581	ug/L 100
13) Acetone	4.12	43	66072	37.457	ug/L 100
14) Carbon disulfide	4.38	76	411356	25.782	ug/L 100
15) Methyl Acetate	4.67	43	67089	21.964	ug/L 100
16) Methylene chloride	4.92	84	147868	24.449	ug/L 100
17) Methyl tert-butyl Ether	5.42	73	190888	27.030	ug/L 100
18) trans-1,2-Dichloroethene	5.42	96	149056	25.620	ug/L 100
19) 1,1-Dichloroethane	6.21	63	250628	25.372	ug/L 100
21) 2-Butanone	7.16	43	93985	38.817	ug/L 100
22) cis-1,2-Dichloroethene	7.16	96	159081	26.001	ug/L 100
23) Bromochloromethane	7.51	128	71082	24.708	ug/L 100
25) Chloroform	7.67	83	247543	24.925	ug/L 100
27) 1,2-Dichloroethane	8.40	62	153601	23.385	ug/L 100
30) Cyclohexane	7.96	56	257202	27.903	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	199315	26.647	ug/L 100
32) Carbon tetrachloride	8.07	117	189304	25.880	ug/L 100
34) Benzene	8.32	78	592219	26.705	ug/L 100
35) Trichloroethene	9.09	95	153204	26.208	ug/L 100
36) Methylcyclohexane	9.34	83	281015	27.388	ug/L 100
40) 1,2-Dichloropropane	9.37	63	143372	26.341	ug/L 100
41) Bromodichloromethane	9.64	83	176728	25.828	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	229638	26.771	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	190057	45.403	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	643829	27.018	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	182304	25.720	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	106673	24.543	ug/L	100
47) Tetrachloroethene	10.86	164	137546	25.557	ug/L	100
49) 2-Hexanone	10.96	43	137236	44.627	ug/L	100
50) Dibromochloromethane	11.13	129	128842	25.537	ug/L	100
51) 1,2-Dibromoethane	11.23	107	104125	24.234	ug/L	100
52) Chlorobenzene	11.66	112	403356	26.246	ug/L	100
53) Ethylbenzene	11.73	91	706352	26.629	ug/L	100
54) m,p-Xylene	11.83	106	275648	26.965	ug/L	100
55) o-xylene	12.16	106	260722	26.982	ug/L	100
56) Styrene	12.18	104	443654	26.607	ug/L	100
57) Isopropylbenzene	12.46	105	708548	27.194	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	127754	23.340	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	93979	22.867	ug/L	100
62) Bromoform	12.35	173	79159	23.921	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	328611	26.071	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	329073	26.044	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	295929	25.965	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	19539	21.401	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	259975	27.385	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	209166	27.215	ug/L	100
69) Naphthalene	15.36	128	376583	25.826	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	182794	25.810	ug/L	100

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

