

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017078.D
 Acq On : 04 Nov 2020 15:41
 Operator : SY/VA
 Sample : VSTD10002
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10002

Quant Time: Nov 04 16:12:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 15:48:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	533125	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	485718	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	253770	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	711520	107.82	ug/L	0.00
7) Chloroethane-d5	2.89	69	546871	107.75	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	1247570	100.65	ug/L	0.00
20) 2-Butanone-d5	7.07	46	350906	273.09	ug/L	0.00
24) Chloroform-d	7.65	84	1315851	102.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	659329	107.31	ug/L	0.00
29) Benzene-d6	8.27	84	2641006	101.20	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	741462	104.78	ug/L	0.00
37) Toluene-d8	10.32	98	2515964	102.68	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	370691	121.93	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	300261	286.81	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	669582	120.42	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	911940	97.63	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	503812	84.910	ug/L 95
3) Chloromethane	2.21	50	463748	89.383	ug/L 99
5) Vinyl chloride	2.37	62	657940	86.520	ug/L 98
6) Bromomethane	2.77	94	461697	89.122	ug/L 98
8) Chloroethane	2.92	64	404918	91.902	ug/L 99
9) Trichlorofluoromethane	3.26	101	570338	94.002	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	663969	91.131	ug/L 98
12) 1,1-Dichloroethene	4.04	96	642063	92.327	ug/L 97
13) Acetone	4.12	43	207353	244.220	ug/L 96
14) Carbon disulfide	4.39	76	1711301	82.923	ug/L 99
15) Methyl Acetate	4.67	43	263403	120.216	ug/L 97
16) Methylene chloride	4.92	84	621568	87.257	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	810697	103.495	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	670243	92.505	ug/L 98
19) 1,1-Dichloroethane	6.21	63	1070099	95.449	ug/L 99
21) 2-Butanone	7.17	43	343647	245.138	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	723223	97.552	ug/L 99
23) Bromochloromethane	7.51	128	352645	101.532	ug/L 94
25) Chloroform	7.68	83	1153596	96.051	ug/L 100
27) 1,2-Dichloroethane	8.40	62	700711	100.729	ug/L 99
30) Cyclohexane	7.96	56	926958	92.661	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	985743	93.919	ug/L 99
32) Carbon tetrachloride	8.07	117	967618	95.769	ug/L 98
34) Benzene	8.32	78	2467960	91.827	ug/L 100
35) Trichloroethene	9.09	95	695622	93.825	ug/L 99
36) Methylcyclohexane	9.34	83	1155813	93.767	ug/L 99
40) 1,2-Dichloropropane	9.37	63	588930	97.140	ug/L 99
41) Bromodichloromethane	9.65	83	858182	103.691	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	1023867	107.706	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	758014	249.010	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	2783278	95.533	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	909082	114.084	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	522878	105.738	ug/L	98
47) Tetrachloroethene	10.87	164	619242	91.171	ug/L	97
49) 2-Hexanone	10.97	43	513038	264.752	ug/L	98
50) Dibromochloromethane	11.13	129	681305	113.301	ug/L	97
51) 1,2-Dibromoethane	11.24	107	525347	110.378	ug/L	99
52) Chlorobenzene	11.66	112	1887463	96.489	ug/L	100
53) Ethylbenzene	11.73	91	3128825	95.921	ug/L	99
54) m,p-Xylene	11.84	106	1252574	97.691	ug/L	97
55) o-xylene	12.16	106	1202623	99.988	ug/L	96
56) Styrene	12.18	104	2037437	101.414	ug/L	97
57) Isopropylbenzene	12.46	105	3228662	98.002	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	620441	114.074	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	442649	113.628	ug/L	99
62) Bromoform	12.35	173	433882	116.671	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1538832	93.315	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	1511688	91.740	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	1356301	92.060	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.49	75	103198	122.460	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	1143807	94.522	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	987242	104.447	ug/L	99
69) Naphthalene	15.37	128	1988334	124.133	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	867409	103.833	ug/L	98

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

