

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101819\
 Data File : VW013618.D
 Acq On : 18 Oct 2019 11:42
 Operator : SY/VA
 Sample : VSTD10001
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10001

Quant Time: Oct 18 12:07:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 18 11:37:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	326791	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318907	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	184290	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	417430	111.62	ug/L	0.00
7) Chloroethane-d5	2.89	69	368103	128.19	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	897321	115.59	ug/L	0.00
20) 2-Butanone-d5	7.07	46	292660	259.78	ug/L	0.00
24) Chloroform-d	7.65	84	914842	128.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	460768	125.28	ug/L	0.00
29) Benzene-d6	8.27	84	1875223	109.78	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	573759	113.21	ug/L	0.00
37) Toluene-d8	10.32	98	1771948	109.28	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	263201	116.57	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	235637	232.43	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	461756	113.64	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	641541	96.87	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	372588	209.237	ug/L	97
3) Chloromethane	2.22	50	421308	134.656	ug/L	99
5) Vinyl chloride	2.37	62	516119	116.596	ug/L	100
6) Bromomethane	2.78	94	348780	128.637	ug/L	99
8) Chloroethane	2.92	64	320907	129.247	ug/L	99
9) Trichlorofluoromethane	3.26	101	371728	161.085	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	507493	123.916	ug/L	99
12) 1,1-Dichloroethene	4.04	96	528326	128.791	ug/L	95
13) Acetone	4.12	43	241698	186.664	ug/L	97
14) Carbon disulfide	4.39	76	1566693	125.149	ug/L	99
15) Methyl Acetate	4.67	43	252871	125.196	ug/L	99
16) Methylene chloride	4.92	84	528821	106.838	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	675431	102.459	ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	562174	128.423	ug/L	93
19) 1,1-Dichloroethane	6.21	63	949114	129.139	ug/L	97
21) 2-Butanone	7.17	43	357812	225.887	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	610710	130.441	ug/L	98
23) Bromochloromethane	7.51	128	272056	129.773	ug/L	96
25) Chloroform	7.68	83	938863	129.490	ug/L	99
27) 1,2-Dichloroethane	8.40	62	596562	130.090	ug/L	96
30) Cyclohexane	7.96	56	951006	113.415	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	728945	113.487	ug/L	99
32) Carbon tetrachloride	8.07	117	719493	116.778	ug/L	99
34) Benzene	8.32	78	2209692	114.693	ug/L	100
35) Trichloroethene	9.09	95	580253	115.463	ug/L	99
36) Methylcyclohexane	9.34	83	1034015	113.146	ug/L	99
40) 1,2-Dichloropropane	9.37	63	539442	116.228	ug/L	100
41) Bromodichloromethane	9.65	83	690229	121.080	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	902165	121.165	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	710507	219.407	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	2411090	115.478	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	721160	122.660	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	408053	115.821	ug/L	98
47) Tetrachloroethene	10.86	164	521746	113.914	ug/L	98
49) 2-Hexanone	10.97	43	514022	218.404	ug/L	98
50) Dibromochloromethane	11.13	129	516785	124.582	ug/L	97
51) 1,2-Dibromoethane	11.23	107	408526	118.042	ug/L	100
52) Chlorobenzene	11.66	112	1529380	115.412	ug/L	99
53) Ethylbenzene	11.73	91	2674206	115.707	ug/L	99
54) m,p-Xylene	11.83	106	1038608	115.196	ug/L	100
55) o-xylene	12.16	106	985495	117.098	ug/L	98
56) Styrene	12.18	104	1723651	120.258	ug/L	98
57) Isopropylbenzene	12.46	105	2651920	116.158	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	473000	113.634	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	348424	112.101	ug/L	99
62) Bromoform	12.35	173	322156	108.684	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1227511	99.400	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1218362	99.113	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	1092878	98.426	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	75446	98.423	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	921702	98.888	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	811380	105.027	ug/L	99
69) Naphthalene	15.36	128	1522699	108.214	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	717529	104.304	ug/L	99

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

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