

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050719\
 Data File : VW010295.D
 Acq On : 07 May 2019 12:14
 Operator : SY/VA
 Sample : VSTD10011
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10008

Quant Time: May 08 01:53:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050719S.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:48:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	579243	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	538829	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	261122	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	628780	93.23	ug/L	0.00
7) Chloroethane-d5	2.88	69	516532	90.99	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	1555688	92.58	ug/L	0.00
20) 2-Butanone-d5	7.07	46	743634	237.99	ug/L	0.00
24) Chloroform-d	7.64	84	1485179	96.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	859452	94.10	ug/L	0.00
29) Benzene-d6	8.27	84	2868368	98.00	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	882197	98.60	ug/L	0.00
37) Toluene-d8	10.32	98	2616809	100.28	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	427759	104.57	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	593991	259.80	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	871603	102.44	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	877400	98.46	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	768949	96.241	ug/L 98
3) Chloromethane	2.22	50	726469	97.324	ug/L 99
5) Vinyl chloride	2.37	62	811609	92.888	ug/L 96
6) Bromomethane	2.77	94	469552	88.903	ug/L 99
8) Chloroethane	2.92	64	475926	89.825	ug/L 99
9) Trichlorofluoromethane	3.25	101	548959	97.339	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	726345	90.779	ug/L 98
12) 1,1-Dichloroethene	4.03	96	756258	96.172	ug/L 94
13) Acetone	4.12	43	516337	193.115	ug/L 100
14) Carbon disulfide	4.37	76	2293250	95.292	ug/L 98
15) Methyl Acetate	4.66	43	578170	100.766	ug/L 99
16) Methylene chloride	4.91	84	710006	88.275	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	1084714	105.243	ug/L 98
18) trans-1,2-Dichloroethene	5.41	96	799071	98.507	ug/L 98
19) 1,1-Dichloroethane	6.21	63	1519285	97.711	ug/L 99
21) 2-Butanone	7.17	43	893645	233.645	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	874297	104.377	ug/L 99
23) Bromochloromethane	7.51	128	368174	97.969	ug/L 98
25) Chloroform	7.67	83	1488296	96.926	ug/L 100
27) 1,2-Dichloroethane	8.40	62	1095690	97.228	ug/L 98
30) Cyclohexane	7.95	56	1533265	110.050	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	1160646	94.587	ug/L 99
32) Carbon tetrachloride	8.06	117	1197821	98.217	ug/L 100
34) Benzene	8.32	78	3294800	99.623	ug/L 100
35) Trichloroethene	9.09	95	866064	99.109	ug/L 100
36) Methylcyclohexane	9.33	83	1575704	106.752	ug/L 100
40) 1,2-Dichloropropane	9.37	63	826881	97.976	ug/L 100
41) Bromodichloromethane	9.64	83	1100854	100.801	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	1380040	109.277	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	1741051	231.573	ug/L 98

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44) Toluene	10.39	91	3511627	101.383	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	1184665	108.790	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	628358	99.682	ug/L	99
47) Tetrachloroethene	10.86	164	663441	100.412	ug/L	99
49) 2-Hexanone	10.97	43	1316108	230.828	ug/L	98
50) Dibromochloromethane	11.13	129	756103	104.274	ug/L	98
51) 1,2-Dibromoethane	11.24	107	643887	103.702	ug/L	99
52) Chlorobenzene	11.66	112	2139953	98.899	ug/L	99
53) Ethylbenzene	11.73	91	4022381	104.041	ug/L	99
54) m,p-Xylene	11.84	106	1494685	106.274	ug/L	97
55) o-xylene	12.16	106	1420350	108.480	ug/L	100
56) Styrene	12.18	104	2452230	108.539	ug/L	99
57) Isopropylbenzene	12.47	105	3909527	108.651	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	886751	102.355	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	688317	103.498	ug/L	100
62) Bromoform	12.35	173	475845	105.957	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	1609284	103.508	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1623291	96.408	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	1485667	99.318	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	187392	105.125	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	1172839	100.710	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	990967	107.522	ug/L	99
69) Naphthalene	15.37	128	2527695	121.611	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	920164	103.938	ug/L	99

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

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