

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122719\
 Data File : VW014479.D
 Acq On : 27 Dec 2019 20:20
 Operator : SY/VA
 Sample : VSTD10006
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10006

Quant Time: Dec 27 20:45:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 20:30:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1181166	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1086355	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	524817	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	1606947	89.84	ug/L	0.00
7) Chloroethane-d5	2.88	69	1291048	97.08	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	3127783	99.00	ug/L	0.00
20) 2-Butanone-d5	7.07	46	964885	207.02	ug/L	0.00
24) Chloroform-d	7.64	84	2953155	98.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	1528563	96.94	ug/L	0.00
29) Benzene-d6	8.27	84	6132202	96.32	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1914373	97.73	ug/L	0.00
37) Toluene-d8	10.32	98	5679965	98.66	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	854604	103.99	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	780113	200.29	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1511366	94.68	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	1944888	96.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	1082011	96.315	ug/L 98
3) Chloromethane	2.21	50	1176521	104.176	ug/L 100
5) Vinyl chloride	2.36	62	1601378	95.766	ug/L 99
6) Bromomethane	2.78	94	946526	91.767	ug/L 100
8) Chloroethane	2.92	64	945422	98.963	ug/L 100
9) Trichlorofluoromethane	3.25	101	950896	114.867	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	1477228	94.818	ug/L 100
12) 1,1-Dichloroethene	4.04	96	1524964	96.681	ug/L 85
13) Acetone	4.12	43	713502	158.773	ug/L 100
14) Carbon disulfide	4.39	76	4610393	95.303	ug/L 98
15) Methyl Acetate	4.66	43	804389	94.633	ug/L 99
16) Methylene chloride	4.92	84	1565174	86.440	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	2021432	97.182	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	1599023	94.664	ug/L 98
19) 1,1-Dichloroethane	6.21	63	2882044	94.966	ug/L 99
21) 2-Butanone	7.17	43	1093643	181.269	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	1733204	96.431	ug/L 98
23) Bromochloromethane	7.51	128	739879	89.491	ug/L 99
25) Chloroform	7.67	83	2726175	92.442	ug/L 100
27) 1,2-Dichloroethane	8.40	62	1780588	92.205	ug/L 99
30) Cyclohexane	7.95	56	2869342	105.818	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	2125214	97.410	ug/L 100
32) Carbon tetrachloride	8.07	117	2041949	98.640	ug/L 99
34) Benzene	8.32	78	6311130	91.751	ug/L 100
35) Trichloroethene	9.09	95	1652646	93.903	ug/L 99
36) Methylcyclohexane	9.33	83	2978240	100.705	ug/L 98
40) 1,2-Dichloropropane	9.37	63	1607297	90.955	ug/L 100
41) Bromodichloromethane	9.64	83	2028672	94.464	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	2654358	100.300	ug/L 96
43) 4-Methyl-2-pentanone	10.21	43	2256448	193.640	ug/L 100

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44) Toluene	10.38	91	6707119	93.007	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	2134715	99.651	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	1194512	90.206	ug/L	99
47) Tetrachloroethene	10.86	164	1380309	94.098	ug/L	98
49) 2-Hexanone	10.96	43	1567345	188.925	ug/L	99
50) Dibromochloromethane	11.13	129	1420144	95.556	ug/L	96
51) 1,2-Dibromoethane	11.23	107	1154225	92.021	ug/L	98
52) Chlorobenzene	11.65	112	4252525	91.241	ug/L	99
53) Ethylbenzene	11.73	91	7476727	95.550	ug/L	98
54) m,p-Xylene	11.83	106	2891190	96.052	ug/L	97
55) o-xylene	12.16	106	2789309	97.698	ug/L	96
56) Styrene	12.18	104	4673416	95.683	ug/L	99
57) Isopropylbenzene	12.46	105	7308645	98.605	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	1457810	88.698	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	1083857	88.748	ug/L	100
62) Bromoform	12.35	173	855442	96.038	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	3342389	94.753	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	3288147	91.747	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	3014940	91.910	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	234206	92.553	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	2468761	97.275	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	2040780	103.149	ug/L	98
69) Naphthalene	15.36	128	4056494	109.027	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	1823107	98.262	ug/L	99

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

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