

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122719\
 Data File : VW014477.D
 Acq On : 27 Dec 2019 19:28
 Operator : SY/VA
 Sample : VSTD02504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02504

Quant Time: Dec 27 20:30:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 20:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1158107	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1047681	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	508858	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	373986	21.33	ug/L	0.00
7) Chloroethane-d5	2.89	69	292009	22.39	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	712498	23.00	ug/L	0.00
20) 2-Butanone-d5	7.07	46	180078	39.41	ug/L	0.00
24) Chloroform-d	7.65	84	651651	22.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	337998	21.86	ug/L	0.00
29) Benzene-d6	8.27	84	1378419	22.45	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	411992	21.81	ug/L	0.00
37) Toluene-d8	10.32	98	1256709	22.63	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	170627	21.53	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	138625	36.91	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	303353	19.71	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	409466	21.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	264256	23.991 ug/L	98
3) Chloromethane	2.21	50	250657	22.637 ug/L	98
5) Vinyl chloride	2.36	62	409907	25.002 ug/L	94
6) Bromomethane	2.78	94	238672	23.600 ug/L	100
8) Chloroethane	2.92	64	230095	24.565 ug/L	97
9) Trichlorofluoromethane	3.25	101	222757	27.445 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	371384	24.313 ug/L	95
12) 1,1-Dichloroethene	4.04	96	371790	24.041 ug/L	96
13) Acetone	4.12	43	253167	57.458 ug/L	99
14) Carbon disulfide	4.39	76	1141636	24.069 ug/L	99
15) Methyl Acetate	4.67	43	175705	21.083 ug/L	98
16) Methylene chloride	4.92	84	405249	22.826 ug/L	98
17) Methyl tert-butyl Ether	5.42	73	467301	22.913 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	383896	23.180 ug/L	93
19) 1,1-Dichloroethane	6.21	63	693187	23.296 ug/L	99
21) 2-Butanone	7.17	43	291950	49.354 ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	404486	22.953 ug/L	95
23) Bromochloromethane	7.51	128	173895	21.452 ug/L	84
25) Chloroform	7.67	83	663215	22.937 ug/L	99
27) 1,2-Dichloroethane	8.40	62	423114	22.346 ug/L	97
30) Cyclohexane	7.95	56	683341	26.131 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	526398	25.018 ug/L	98
32) Carbon tetrachloride	8.07	117	491824	24.635 ug/L	99
34) Benzene	8.32	78	1565736	23.603 ug/L	100
35) Trichloroethene	9.09	95	400582	23.601 ug/L	95
36) Methylcyclohexane	9.34	83	721875	25.310 ug/L	97
40) 1,2-Dichloropropane	9.37	63	392036	23.004 ug/L	99
41) Bromodichloromethane	9.64	83	467889	22.591 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	596111	23.357 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	480637	42.769 ug/L	99

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44) Toluene	10.38	91	1661004	23.883	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	472104	22.852	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	273179	21.391	ug/L	97
47) Tetrachloroethene	10.86	164	335264	23.699	ug/L	97
49) 2-Hexanone	10.96	43	374211	46.772	ug/L	98
50) Dibromochloromethane	11.13	129	312956	21.835	ug/L	94
51) 1,2-Dibromoethane	11.23	107	256066	21.169	ug/L #	100
52) Chlorobenzene	11.65	112	1018127	22.651	ug/L	93
53) Ethylbenzene	11.73	91	1826706	24.206	ug/L	99
54) m,p-Xylene	11.84	106	690477	23.786	ug/L	97
55) o-xylene	12.16	106	656519	23.844	ug/L	100
56) Styrene	12.18	104	1120440	23.787	ug/L	96
57) Isopropylbenzene	12.46	105	1773219	24.807	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	324128	20.449	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	244287	20.741	ug/L	99
62) Bromoform	12.35	173	179375	20.769	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	792565	23.173	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	796558	22.923	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	713522	22.434	ug/L	95
66) 1,2-Dibromo-3-chloropropan	14.48	75	49607	20.218	ug/L	86
67) 1,3,5-Trichlorobenzene	14.63	180	604292	24.557	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	467706	24.381	ug/L	99
69) Naphthalene	15.36	128	824158	22.846	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	416502	23.153	ug/L	98

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

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