

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012720\
 Data File : VW014766.D
 Acq On : 27 Jan 2020 14:12
 Operator : SY/VA
 Sample : VSTD00504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00504

Quant Time: Jan 27 15:25:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 27 13:46:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	923213	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	840581	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	403583	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	76732	5.50	ug/L	0.00
7) Chloroethane-d5	2.89	69	62827	5.48	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	131460	5.21	ug/L	0.00
20) 2-Butanone-d5	7.07	46	41214	13.21	ug/L	0.00
24) Chloroform-d	7.65	84	124533	5.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	69727	6.01	ug/L	0.00
29) Benzene-d6	8.27	84	257376	5.43	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	78041	5.35	ug/L	0.00
37) Toluene-d8	10.32	98	224222	5.42	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	31774	5.65	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	29306	11.94	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	64273	6.23	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	75662	5.65	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	58316	5.341	ug/L 90
3) Chloromethane	2.21	50	75129	6.147	ug/L 95
5) Vinyl chloride	2.36	62	101763	5.607	ug/L 99
6) Bromomethane	2.78	94	52168	5.411	ug/L 99
8) Chloroethane	2.92	64	56490	5.628	ug/L 95
9) Trichlorofluoromethane	3.25	101	45286	5.117	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	68216	5.279	ug/L 97
12) 1,1-Dichloroethene	4.04	96	65103	5.140	ug/L 94
13) Acetone	4.12	43	41682	10.382	ug/L 99
14) Carbon disulfide	4.38	76	217515	5.325	ug/L 97
15) Methyl Acetate	4.67	43	36396	5.866	ug/L 96
16) Methylene chloride	4.92	84	88583	6.494	ug/L 96
17) Methyl tert-butyl Ether	5.42	73	85388	5.440	ug/L # 87
18) trans-1,2-Dichloroethene	5.42	96	66706	5.269	ug/L 93
19) 1,1-Dichloroethane	6.21	63	129613	5.546	ug/L 100
21) 2-Butanone	7.17	43	52150	12.062	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	69018	5.219	ug/L 92
23) Bromochloromethane	7.51	128	30491	5.307	ug/L 95
25) Chloroform	7.67	83	120059	5.288	ug/L 99
27) 1,2-Dichloroethane	8.40	62	79519	5.288	ug/L 98
30) Cyclohexane	7.95	56	111174	4.701	ug/L 98
31) 1,1,1-Trichloroethane	7.87	97	96196	5.058	ug/L 98
32) Carbon tetrachloride	8.07	117	88839	4.989	ug/L 100
34) Benzene	8.32	78	285473	5.150	ug/L 100
35) Trichloroethene	9.09	95	69892	4.863	ug/L 97
36) Methylcyclohexane	9.33	83	121858	5.075	ug/L 99
40) 1,2-Dichloropropane	9.37	63	71830	5.163	ug/L 99
41) Bromodichloromethane	9.64	83	83798	5.025	ug/L 95
42) cis-1,3-Dichloropropene	10.07	75	97882	4.891	ug/L 99
43) 4-Methyl-2-pentanone	10.21	43	92312	11.345	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	283827	5.199	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	79952	5.022	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	49712	5.372	ug/L	98
47) Tetrachloroethene	10.86	164	57822	5.233	ug/L	97
49) 2-Hexanone	10.96	43	67320	11.468	ug/L	94
50) Dibromochloromethane	11.13	129	54068	5.123	ug/L	91
51) 1,2-Dibromoethane	11.23	107	47775	5.537	ug/L	96
52) Chlorobenzene	11.65	112	179290	5.234	ug/L	99
53) Ethylbenzene	11.73	91	308553	5.158	ug/L	96
54) m,p-Xylene	11.84	106	113245	5.047	ug/L	93
55) o-xylene	12.16	106	103839	4.927	ug/L	98
56) Styrene	12.18	104	180713	5.077	ug/L	100
57) Isopropylbenzene	12.46	105	288884	5.085	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	63841	5.716	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	50027	5.984	ug/L	98
62) Bromoform	12.35	173	31558	5.119	ug/L	100
63) 1,3-Dichlorobenzene	13.49	146	134830	5.202	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	136464	5.208	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	125749	5.365	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	10881	6.173	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	98012	5.231	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	66747	4.725	ug/L	99
69) Naphthalene	15.36	128	111763	4.460	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	62915	4.894	ug/L	99

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

