

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017527.D
 Acq On : 03 Dec 2020 09:43
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Dec 20 00:28:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 19 06:56:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	429531	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	385554	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	203046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	141685	25.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.32%
7) Chloroethane-d5	2.89	69	115988	24.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.32%
10) 1,1-Dichloroethene-d2	4.03	63	312305	24.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.32%
20) 2-Butanone-d5	7.08	46	59995	50.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.70%
24) Chloroform-d	7.65	84	315208	25.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.32%
26) 1,2-Dichloroethane-d4	8.31	65	154896	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.48%
29) Benzene-d6	8.27	84	594191	25.06	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.24%
33) 1,2-Dichloropropane-d6	9.27	67	169146	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.33	98	542614	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.52%
38) trans-1,3-Dichloropropene-	10.58	79	71710	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.84%
39) 2-Hexanone-d5	10.93	63	42363	52.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	120717	25.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	185983	24.74	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.96%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	84766	20.768	ug/L 94
3) Chloromethane	2.21	50	93771	22.315	ug/L 97
5) Vinyl chloride	2.37	62	139064	26.685	ug/L 97
6) Bromomethane	2.79	94	92896	24.755	ug/L 99
8) Chloroethane	2.93	64	87790	25.074	ug/L 96
9) Trichlorofluoromethane	3.27	101	140429	23.533	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	155685	25.489	ug/L # 70
12) 1,1-Dichloroethene	4.05	96	148482	24.930	ug/L 96
13) Acetone	4.13	43	54683	47.692	ug/L 96
14) Carbon disulfide	4.39	76	412167	24.195	ug/L 100
15) Methyl Acetate	4.68	43	50263	25.184	ug/L 96
16) Methylene chloride	4.92	84	147057	22.803	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	169598	26.475	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	153153	25.015	ug/L 99
19) 1,1-Dichloroethane	6.22	63	265087	25.644	ug/L 98
21) 2-Butanone	7.17	43	70289	51.227	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	160579	25.138	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	69559	23.972	ug/L	91
25) Chloroform	7.68	83	281744	25.818	ug/L	99
27) 1,2-Dichloroethane	8.40	62	166640	25.355	ug/L	98
30) Cyclohexane	7.96	56	237106	25.782	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	242975	26.627	ug/L	100
32) Carbon tetrachloride	8.07	117	235654	26.596	ug/L	99
34) Benzene	8.33	78	595281	25.688	ug/L	100
35) Trichloroethene	9.09	95	164478	25.603	ug/L	98
36) Methylcyclohexane	9.34	83	270742	25.485	ug/L	100
40) 1,2-Dichloropropane	9.37	63	141926	26.075	ug/L	98
41) Bromodichloromethane	9.65	83	195467	25.991	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	224699	26.652	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	122901	49.046	ug/L	99
44) Toluene	10.39	91	649440	26.044	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	190527	26.372	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	102728	25.189	ug/L	99
47) Tetrachloroethene	10.86	164	133606	24.409	ug/L	96
49) 2-Hexanone	10.97	43	94535	53.419	ug/L	92
50) Dibromochloromethane	11.13	129	126830	24.896	ug/L	94
51) 1,2-Dibromoethane	11.24	107	96962	24.807	ug/L	99
52) Chlorobenzene	11.66	112	415902	25.470	ug/L	97
53) Ethylbenzene	11.73	91	725529	25.661	ug/L	96
54) m,p-Xylene	11.84	106	279513	25.911	ug/L	98
55) o-xylene	12.17	106	260637	25.941	ug/L	100
56) Styrene	12.18	104	439314	25.992	ug/L	99
57) Isopropylbenzene	12.46	105	731009	26.489	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	110031	25.066	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	80233	24.763	ug/L	99
62) Bromoform	12.35	173	73300	25.466	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	317889	24.280	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	323678	24.955	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	280335	24.583	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	17566	23.925	ug/L	87
67) 1,3,5-Trichlorobenzene	14.63	180	228212	24.332	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	188946	24.920	ug/L	97
69) Naphthalene	15.37	128	291735	24.919	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	162138	25.637	ug/L	98

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

