

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062119\
 Data File : VW010919.D
 Acq On : 22 Jun 2019 05:52
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Jun 22 06:44:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 06:38:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349052	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	323005	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	156874	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	116294	27.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.08%
7) Chloroethane-d5	2.88	69	88984	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.40%
10) 1,1-Dichloroethene-d2	4.02	63	256649	26.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.28%
20) 2-Butanone-d5	7.07	46	119465	50.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.26%
24) Chloroform-d	7.64	84	242060	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.30	65	157518	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.48%
29) Benzene-d6	8.27	84	489634	25.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.12%
33) 1,2-Dichloropropane-d6	9.27	67	162689	24.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.88%
37) Toluene-d8	10.32	98	438020	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.68%
38) trans-1,3-Dichloropropene-	10.58	79	67295	24.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.88%
39) 2-Hexanone-d5	10.93	63	76193	49.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142059	25.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	152338	24.42	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	125999	27.626	ug/L 90
3) Chloromethane	2.21	50	131584	24.952	ug/L 100
5) Vinyl chloride	2.36	62	155813	29.051	ug/L 97
6) Bromomethane	2.77	94	77533	26.424	ug/L 98
8) Chloroethane	2.92	64	83928	27.291	ug/L 100
9) Trichlorofluoromethane	3.24	101	42554	26.573	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	114492	26.454	ug/L 97
12) 1,1-Dichloroethene	4.04	96	117069	27.231	ug/L 99
13) Acetone	4.12	43	84763	47.124	ug/L 98
14) Carbon disulfide	4.38	76	344332	28.225	ug/L 99
15) Methyl Acetate	4.66	43	102185	27.683	ug/L 99
16) Methylene chloride	4.91	84	133980	25.194	ug/L 95
17) Methyl tert-butyl Ether	5.42	73	196384	26.262	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	121159	26.139	ug/L 98
19) 1,1-Dichloroethane	6.21	63	249742	26.425	ug/L 99
21) 2-Butanone	7.16	43	135691	49.410	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	133385	26.033	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	57379	25.770	ug/L	93
25) Chloroform	7.67	83	235714	26.440	ug/L	99
27) 1,2-Dichloroethane	8.40	62	189803	26.352	ug/L	99
30) Cyclohexane	7.95	56	242227	26.232	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	162584	26.940	ug/L	99
32) Carbon tetrachloride	8.07	117	149770	26.867	ug/L	99
34) Benzene	8.32	78	525082	26.480	ug/L	100
35) Trichloroethene	9.09	95	131676	26.809	ug/L	99
36) Methylcyclohexane	9.33	83	226922	26.392	ug/L	99
40) 1,2-Dichloropropane	9.37	63	147416	26.580	ug/L	100
41) Bromodichloromethane	9.64	83	169412	26.556	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	210868	25.896	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	291983	54.605	ug/L	99
44) Toluene	10.38	91	545031	26.475	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	175117	25.642	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	101710	26.214	ug/L	99
47) Tetrachloroethene	10.86	164	94833	26.213	ug/L	98
49) 2-Hexanone	10.97	43	201274	53.472	ug/L	100
50) Dibromochloromethane	11.13	129	111661	27.030	ug/L	99
51) 1,2-Dibromoethane	11.23	107	101417	26.541	ug/L	98
52) Chlorobenzene	11.66	112	328313	25.865	ug/L	99
53) Ethylbenzene	11.73	91	604277	26.192	ug/L	99
54) m,p-Xylene	11.84	106	217867	25.953	ug/L	100
55) o-xylene	12.16	106	217332	26.344	ug/L	100
56) Styrene	12.18	104	375321	26.492	ug/L	99
57) Isopropylbenzene	12.46	105	567441	26.289	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	135638	26.353	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	107691	26.342	ug/L	100
62) Bromoform	12.35	173	62918	26.536	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	249096	25.648	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	248770	25.094	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	238555	25.993	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	24608	26.163	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	179353	24.394	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	160275	25.075	ug/L	99
69) Naphthalene	15.37	128	378649	26.376	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	150932	25.405	ug/L	99

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

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