

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
 Data File : VW011196.D
 Acq On : 10 Jul 2019 16:00
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02518

Quant Time: Jul 11 05:42:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 11 05:38:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	357660	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	324611	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	158548	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132582	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.12%
7) Chloroethane-d5	2.88	69	95935	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.16%
10) 1,1-Dichloroethene-d2	4.02	63	287155	24.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.32%
20) 2-Butanone-d5	7.07	46	122691	57.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.06%
24) Chloroform-d	7.65	84	251389	25.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.56%
26) 1,2-Dichloroethane-d4	8.30	65	156017	25.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.36%
29) Benzene-d6	8.27	84	512237	25.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.44%
33) 1,2-Dichloropropane-d6	9.27	67	168090	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	10.32	98	456569	25.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.48%
38) trans-1,3-Dichloropropene-	10.58	79	72205	26.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.32%
39) 2-Hexanone-d5	10.92	63	85598	57.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	149039	27.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	155349	25.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.12%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	106847	24.289 ug/L	92
3) Chloromethane	2.21	50	105865	22.167 ug/L	100
5) Vinyl chloride	2.36	62	147886	23.725 ug/L	98
6) Bromomethane	2.77	94	68562	23.511 ug/L	99
8) Chloroethane	2.92	64	76161	24.174 ug/L	97
9) Trichlorofluoromethane	3.24	101	50972	23.883 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	116992	24.602 ug/L	98
12) 1,1-Dichloroethene	4.04	96	114532	24.368 ug/L	89
13) Acetone	4.12	43	104102	49.542 ug/L	100
14) Carbon disulfide	4.38	76	317038	23.580 ug/L	100
15) Methyl Acetate	4.67	43	93272	27.279 ug/L	100
16) Methylene chloride	4.91	84	123030	23.408 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	184543	25.318 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	113690	23.937 ug/L	97
19) 1,1-Dichloroethane	6.21	63	237865	24.669 ug/L	98
21) 2-Butanone	7.16	43	138783	51.162 ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	126229	24.553 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	53690	24.889	ug/L	95
25) Chloroform	7.67	83	221955	24.302	ug/L	99
27) 1,2-Dichloroethane	8.40	62	172605	24.723	ug/L	100
30) Cyclohexane	7.95	56	235966	23.909	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	166019	24.642	ug/L	99
32) Carbon tetrachloride	8.06	117	154075	24.385	ug/L	100
34) Benzene	8.32	78	496353	24.466	ug/L	100
35) Trichloroethene	9.09	95	123592	24.141	ug/L	100
36) Methylcyclohexane	9.34	83	222156	24.113	ug/L	98
40) 1,2-Dichloropropane	9.37	63	137939	24.813	ug/L	100
41) Bromodichloromethane	9.64	83	161081	25.132	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	208396	25.406	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	270301	52.451	ug/L	99
44) Toluene	10.38	91	516396	24.592	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	173715	25.595	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	96150	24.976	ug/L	98
47) Tetrachloroethene	10.86	164	93502	24.166	ug/L	97
49) 2-Hexanone	10.97	43	202647	54.022	ug/L	99
50) Dibromochloromethane	11.13	129	104586	25.512	ug/L	99
51) 1,2-Dibromoethane	11.23	107	94085	25.310	ug/L	99
52) Chlorobenzene	11.66	112	311966	24.317	ug/L	99
53) Ethylbenzene	11.73	91	583682	24.505	ug/L	100
54) m,p-Xylene	11.84	106	211051	24.405	ug/L	93
55) o-xylene	12.16	106	202094	24.566	ug/L	98
56) Styrene	12.18	104	354846	25.144	ug/L	100
57) Isopropylbenzene	12.46	105	555848	24.752	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	134736	26.308	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	103528	26.322	ug/L	100
62) Bromoform	12.35	173	61246	25.920	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	238208	24.420	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	242704	24.305	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	225561	24.842	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	23619	26.495	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	184674	24.987	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	155569	25.126	ug/L	99
69) Naphthalene	15.37	128	351677	27.121	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	143612	25.351	ug/L	99

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

