

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101519\
 Data File : VW013589.D
 Acq On : 15 Oct 2019 17:59
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Oct 15 19:02:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 13:46:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	443836	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	393746	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205446	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118079	23.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.00%
7) Chloroethane-d5	2.89	69	91521	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
10) 1,1-Dichloroethene-d2	4.02	63	264468	25.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.32%
20) 2-Butanone-d5	7.07	46	82155	53.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.38%
24) Chloroform-d	7.65	84	248485	25.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.08%
26) 1,2-Dichloroethane-d4	8.31	65	129571	25.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.76%
29) Benzene-d6	8.27	84	531642	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	9.27	67	156006	24.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.72%
37) Toluene-d8	10.32	98	498047	24.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.52%
38) trans-1,3-Dichloropropene-	10.57	79	69970	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.40%
39) 2-Hexanone-d5	10.92	63	66298	52.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	133776	26.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.68%
61) 1,2-Dichlorobenzene-d4	13.85	152	187876	25.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	62461	25.827	ug/L 91
3) Chloromethane	2.21	50	101746	23.944	ug/L 100
5) Vinyl chloride	2.36	62	154814	25.751	ug/L 98
6) Bromomethane	2.78	94	93291	25.334	ug/L 99
8) Chloroethane	2.92	64	86132	25.542	ug/L 98
9) Trichlorofluoromethane	3.26	101	81821	26.106	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	151028	27.152	ug/L 99
12) 1,1-Dichloroethene	4.04	96	149506	26.834	ug/L 96
13) Acetone	4.12	43	68789	39.116	ug/L 99
14) Carbon disulfide	4.39	76	438259	25.776	ug/L 100
15) Methyl Acetate	4.67	43	73629	26.840	ug/L 98
16) Methylene chloride	4.92	84	192093	28.574	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	241088	26.927	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	157808	26.543	ug/L 97
19) 1,1-Dichloroethane	6.21	63	269262	26.975	ug/L 99
21) 2-Butanone	7.17	43	102140	47.477	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	169263	26.619	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	76655	26.922	ug/L	96
25) Chloroform	7.68	83	269238	27.341	ug/L	100
27) 1,2-Dichloroethane	8.40	62	171005	27.456	ug/L	99
30) Cyclohexane	7.95	56	266188	25.711	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	214483	27.045	ug/L	99
32) Carbon tetrachloride	8.07	117	204567	26.892	ug/L	97
34) Benzene	8.32	78	635141	26.701	ug/L	100
35) Trichloroethene	9.09	95	164039	26.438	ug/L	99
36) Methylcyclohexane	9.34	83	291890	25.869	ug/L	99
40) 1,2-Dichloropropane	9.37	63	156956	27.390	ug/L	99
41) Bromodichloromethane	9.64	83	194514	27.636	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	251671	27.376	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	214437	53.633	ug/L	99
44) Toluene	10.38	91	691178	26.812	ug/L	96
45) trans-1,3-Dichloropropene	10.60	75	200370	27.603	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	119436	27.457	ug/L	94
47) Tetrachloroethene	10.86	164	153586	27.159	ug/L	98
49) 2-Hexanone	10.97	43	152402	52.447	ug/L	99
50) Dibromochloromethane	11.13	129	144531	28.220	ug/L	98
51) 1,2-Dibromoethane	11.23	107	118758	27.792	ug/L	98
52) Chlorobenzene	11.66	112	444889	27.192	ug/L	97
53) Ethylbenzene	11.73	91	770730	27.009	ug/L	98
54) m,p-Xylene	11.83	106	299883	26.939	ug/L	98
55) o-xylene	12.16	106	280828	27.026	ug/L	99
56) Styrene	12.18	104	492971	27.857	ug/L	99
57) Isopropylbenzene	12.46	105	768422	27.261	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	143599	27.941	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	106159	27.663	ug/L	98
62) Bromoform	12.35	173	90809	27.481	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	360929	26.217	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	357570	26.093	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	327488	26.457	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	22696	26.559	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	268423	25.833	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	229803	26.683	ug/L	99
69) Naphthalene	15.36	128	429904	27.406	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	208560	27.195	ug/L	99

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

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