

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101119\
 Data File : VW013551.D
 Acq On : 11 Oct 2019 20:58
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Oct 11 22:36:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 11 22:30:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	452745	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404893	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	206303	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	122755	23.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.76%
7) Chloroethane-d5	2.89	69	91307	22.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.80%
10) 1,1-Dichloroethene-d2	4.03	63	262326	24.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.56%
20) 2-Butanone-d5	7.07	46	81507	52.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.44%
24) Chloroform-d	7.65	84	246064	25.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	8.31	65	129229	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
29) Benzene-d6	8.27	84	534713	24.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.60%
33) 1,2-Dichloropropane-d6	9.27	67	157479	24.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.88%
37) Toluene-d8	10.32	98	497789	24.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.72%
38) trans-1,3-Dichloropropene-	10.58	79	69296	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.68%
39) 2-Hexanone-d5	10.92	63	67809	52.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	131898	25.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	184051	24.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	56253	22.802	ug/L 95
3) Chloromethane	2.21	50	101514	23.419	ug/L 100
5) Vinyl chloride	2.35	62	152574	24.879	ug/L 98
6) Bromomethane	2.78	94	92743	24.689	ug/L 100
8) Chloroethane	2.92	64	85673	24.906	ug/L 99
9) Trichlorofluoromethane	3.25	101	73344	22.941	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	146315	25.787	ug/L 98
12) 1,1-Dichloroethene	4.04	96	145583	25.616	ug/L 89
13) Acetone	4.12	43	70558	39.332	ug/L 99
14) Carbon disulfide	4.38	76	435591	25.115	ug/L 99
15) Methyl Acetate	4.67	43	74985	26.797	ug/L 99
16) Methylene chloride	4.92	84	157898	23.026	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	243625	26.675	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	154977	25.554	ug/L 99
19) 1,1-Dichloroethane	6.21	63	267556	26.277	ug/L 97
21) 2-Butanone	7.17	43	104574	47.651	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	167199	25.777	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	77872	26.812	ug/L	95
25) Chloroform	7.67	83	265077	26.389	ug/L	100
27) 1,2-Dichloroethane	8.40	62	169396	26.663	ug/L	100
30) Cyclohexane	7.95	56	261464	24.560	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	210026	25.754	ug/L	100
32) Carbon tetrachloride	8.07	117	198502	25.376	ug/L	99
34) Benzene	8.32	78	626517	25.613	ug/L	100
35) Trichloroethene	9.09	95	162108	25.407	ug/L	99
36) Methylcyclohexane	9.34	83	289261	24.930	ug/L	100
40) 1,2-Dichloropropane	9.37	63	151750	25.752	ug/L	99
41) Bromodichloromethane	9.64	83	191516	26.461	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	243268	25.734	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	218376	53.114	ug/L	100
44) Toluene	10.38	91	684400	25.818	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	196331	26.302	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	118904	26.582	ug/L	99
47) Tetrachloroethene	10.86	164	146761	25.238	ug/L	96
49) 2-Hexanone	10.97	43	155521	52.046	ug/L	99
50) Dibromochloromethane	11.13	129	141493	26.866	ug/L	98
51) 1,2-Dibromoethane	11.23	107	116684	26.555	ug/L	99
52) Chlorobenzene	11.66	112	434006	25.796	ug/L	99
53) Ethylbenzene	11.73	91	754635	25.717	ug/L	98
54) m,p-Xylene	11.84	106	292165	25.523	ug/L	97
55) o-xylene	12.16	106	278548	26.069	ug/L	99
56) Styrene	12.18	104	479391	26.344	ug/L	94
57) Isopropylbenzene	12.46	105	755477	26.063	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	148976	28.189	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	107425	27.223	ug/L	98
62) Bromoform	12.35	173	89057	26.839	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	352011	25.463	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	347387	25.244	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	319516	25.706	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	22756	26.519	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	256037	24.539	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	212736	24.599	ug/L	99
69) Naphthalene	15.36	128	410442	26.057	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	190534	24.742	ug/L	98

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

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