

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101719\
 Data File : VW013612.D
 Acq On : 17 Oct 2019 15:13
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Oct 17 16:59:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 17 16:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	453306	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404140	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	206298	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	107482	20.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.88%
7) Chloroethane-d5	2.89	69	86110	21.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.48%
10) 1,1-Dichloroethene-d2	4.02	63	245605	22.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.24%
20) 2-Butanone-d5	7.08	46	83300	53.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.60%
24) Chloroform-d	7.65	84	235394	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.30	65	120041	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.12%
29) Benzene-d6	8.27	84	495426	22.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.56%
33) 1,2-Dichloropropane-d6	9.27	67	146644	22.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.32%
37) Toluene-d8	10.32	98	457987	22.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.16%
38) trans-1,3-Dichloropropene-	10.58	79	63254	22.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.44%
39) 2-Hexanone-d5	10.93	63	65989	51.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129306	25.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.44%
61) 1,2-Dichlorobenzene-d4	13.85	152	170057	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	72562	29.376	ug/L 95
3) Chloromethane	2.21	50	99090	22.831	ug/L 100
5) Vinyl chloride	2.36	62	149469	24.342	ug/L 99
6) Bromomethane	2.78	94	90831	24.151	ug/L 100
8) Chloroethane	2.93	64	84750	24.607	ug/L 98
9) Trichlorofluoromethane	3.26	101	81543	25.474	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	142974	25.167	ug/L 98
12) 1,1-Dichloroethene	4.04	96	141327	24.836	ug/L 93
13) Acetone	4.13	43	80607	44.879	ug/L 97
14) Carbon disulfide	4.38	76	409655	23.591	ug/L 99
15) Methyl Acetate	4.67	43	74203	26.485	ug/L 99
16) Methylene chloride	4.91	84	149078	21.713	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	228901	25.032	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	148573	24.467	ug/L 98
19) 1,1-Dichloroethane	6.21	63	255190	25.031	ug/L 97
21) 2-Butanone	7.17	43	106039	48.259	ug/L 99
22) cis-1,2-Dichloroethene	7.16	96	160398	24.698	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	72029	24.769	ug/L	94
25) Chloroform	7.67	83	254403	25.295	ug/L	100
27) 1,2-Dichloroethane	8.40	62	163599	25.719	ug/L	98
30) Cyclohexane	7.95	56	250025	23.529	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	203640	25.018	ug/L	99
32) Carbon tetrachloride	8.07	117	194813	24.951	ug/L	99
34) Benzene	8.32	78	599593	24.558	ug/L	100
35) Trichloroethene	9.09	95	156693	24.604	ug/L	99
36) Methylcyclohexane	9.34	83	272600	23.538	ug/L	100
40) 1,2-Dichloropropane	9.37	63	143539	24.404	ug/L	100
41) Bromodichloromethane	9.64	83	182921	25.321	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	232221	24.611	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	209492	51.048	ug/L	99
44) Toluene	10.38	91	649906	24.562	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	188404	25.287	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	112273	25.147	ug/L	98
47) Tetrachloroethene	10.86	164	139972	24.115	ug/L	95
49) 2-Hexanone	10.97	43	154982	51.963	ug/L	99
50) Dibromochloromethane	11.13	129	135300	25.738	ug/L	97
51) 1,2-Dibromoethane	11.23	107	112121	25.564	ug/L	95
52) Chlorobenzene	11.66	112	410245	24.429	ug/L	100
53) Ethylbenzene	11.73	91	722235	24.659	ug/L	99
54) m,p-Xylene	11.83	106	275490	24.112	ug/L	96
55) o-xylene	12.16	106	263842	24.738	ug/L	97
56) Styrene	12.18	104	454005	24.995	ug/L	96
57) Isopropylbenzene	12.46	105	717680	24.806	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	139444	26.435	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	102965	26.141	ug/L	99
62) Bromoform	12.35	173	86242	25.991	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	331121	23.953	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	326068	23.696	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	300447	24.172	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	22307	25.996	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	246623	23.637	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	205977	23.818	ug/L	98
69) Naphthalene	15.36	128	394650	25.055	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	179878	23.359	ug/L	98

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

