

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092619\
 Data File : VW013312.D
 Acq On : 26 Sep 2019 18:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: Sep 27 01:05:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092619S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 26 12:57:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	477272	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	426181	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	221933	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	140641	24.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.84%
7) Chloroethane-d5	2.88	69	112693	24.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.68%
10) 1,1-Dichloroethene-d2	4.02	63	282052	25.17	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.68%
20) 2-Butanone-d5	7.08	46	103058	52.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.80%
24) Chloroform-d	7.65	84	270262	25.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	8.31	65	146468	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.76%
29) Benzene-d6	8.27	84	578023	24.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.92%
33) 1,2-Dichloropropane-d6	9.27	67	174797	25.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.40%
37) Toluene-d8	10.32	98	547031	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.40%
38) trans-1,3-Dichloropropene-	10.58	79	79519	25.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.64%
39) 2-Hexanone-d5	10.92	63	81964	54.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152822	26.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.40%
61) 1,2-Dichlorobenzene-d4	13.85	152	197018	24.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	91064	30.487	ug/L 94
3) Chloromethane	2.21	50	108829	27.192	ug/L 96
5) Vinyl chloride	2.36	62	152169	27.492	ug/L 98
6) Bromomethane	2.78	94	94854	26.954	ug/L 96
8) Chloroethane	2.92	64	90225	26.870	ug/L 98
9) Trichlorofluoromethane	3.25	101	82136	23.943	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	142957	26.370	ug/L 97
12) 1,1-Dichloroethene	4.04	96	146453	26.619	ug/L 93
13) Acetone	4.12	43	82341	50.295	ug/L 99
14) Carbon disulfide	4.39	76	419941	26.888	ug/L 100
15) Methyl Acetate	4.67	43	85097	26.938	ug/L 98
16) Methylene chloride	4.92	84	162170	22.743	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	254224	26.715	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	153666	26.120	ug/L 99
19) 1,1-Dichloroethane	6.21	63	268409	26.011	ug/L 96
21) 2-Butanone	7.17	43	119587	50.714	ug/L 98
22) cis-1,2-Dichloroethene	7.17	96	166972	26.048	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	75793	26.276	ug/L	90
25) Chloroform	7.67	83	269325	26.559	ug/L	100
27) 1,2-Dichloroethane	8.40	62	178358	26.857	ug/L	98
30) Cyclohexane	7.95	56	269838	26.363	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	211996	25.917	ug/L	99
32) Carbon tetrachloride	8.07	117	205129	26.301	ug/L	99
34) Benzene	8.32	78	631589	26.434	ug/L	100
35) Trichloroethene	9.09	95	160458	25.563	ug/L	98
36) Methylcyclohexane	9.34	83	293743	26.270	ug/L	99
40) 1,2-Dichloropropane	9.37	63	155815	26.507	ug/L	99
41) Bromodichloromethane	9.64	83	192219	26.651	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	249701	26.593	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	245624	54.582	ug/L	99
44) Toluene	10.38	91	684934	26.330	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	206409	27.349	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	121768	26.438	ug/L	99
47) Tetrachloroethene	10.86	164	144981	25.669	ug/L	97
49) 2-Hexanone	10.97	43	180758	55.881	ug/L	99
50) Dibromochloromethane	11.13	129	141551	26.794	ug/L	99
51) 1,2-Dibromoethane	11.23	107	122037	26.970	ug/L	99
52) Chlorobenzene	11.65	112	429662	26.213	ug/L	99
53) Ethylbenzene	11.73	91	765057	26.532	ug/L	96
54) m,p-Xylene	11.84	106	293537	26.512	ug/L	98
55) o-xylene	12.16	106	277180	26.530	ug/L	97
56) Styrene	12.18	104	486356	27.149	ug/L	98
57) Isopropylbenzene	12.46	105	760209	26.909	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	154786	27.279	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	114420	27.023	ug/L	100
62) Bromoform	12.35	173	90973	25.911	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	352651	25.823	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	353205	25.597	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	323332	26.021	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	24453	24.988	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	273800	26.039	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	226909	27.034	ug/L	100
69) Naphthalene	15.36	128	447267	27.892	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	204860	26.836	ug/L	98

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

