

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101719\
 Data File : VW013608.D
 Acq On : 17 Oct 2019 09:39
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02519

Quant Time: Oct 17 11:48:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 16 16:38:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	454874	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	402865	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	207495	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	121159	23.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.12%
7) Chloroethane-d5	2.89	69	94285	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.02	63	273044	25.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.08%
20) 2-Butanone-d5	7.07	46	86401	55.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.20%
24) Chloroform-d	7.65	84	260564	26.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.48%
26) 1,2-Dichloroethane-d4	8.30	65	131421	25.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.68%
29) Benzene-d6	8.27	84	552469	25.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.40%
33) 1,2-Dichloropropane-d6	9.27	67	161185	25.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.72%
37) Toluene-d8	10.32	98	512875	25.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.16%
38) trans-1,3-Dichloropropene-	10.58	79	71801	25.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.68%
39) 2-Hexanone-d5	10.92	63	68479	53.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	140583	27.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	187945	25.20	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	73435	29.627 ug/L	98
3) Chloromethane	2.21	50	107404	24.662 ug/L	98
5) Vinyl chloride	2.36	62	162568	26.384 ug/L	100
6) Bromomethane	2.78	94	97471	25.827 ug/L	100
8) Chloroethane	2.92	64	90337	26.139 ug/L	97
9) Trichlorofluoromethane	3.26	101	86159	26.823 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	151932	26.652 ug/L	99
12) 1,1-Dichloroethene	4.04	96	155430	27.221 ug/L	88
13) Acetone	4.12	43	83405	46.276 ug/L	98
14) Carbon disulfide	4.38	76	451500	25.911 ug/L	99
15) Methyl Acetate	4.67	43	76678	27.274 ug/L	98
16) Methylene chloride	4.91	84	154279	22.393 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	244324	26.627 ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	161583	26.518 ug/L	98
19) 1,1-Dichloroethane	6.21	63	278283	27.202 ug/L	98
21) 2-Butanone	7.17	43	112513	51.029 ug/L	100
22) cis-1,2-Dichloroethene	7.16	96	175399	26.914 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	78836	27.017	ug/L	98
25) Chloroform	7.67	83	274715	27.221	ug/L	100
27) 1,2-Dichloroethane	8.40	62	177232	27.766	ug/L	97
30) Cyclohexane	7.95	56	271932	25.672	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	222999	27.483	ug/L	99
32) Carbon tetrachloride	8.07	117	212082	27.249	ug/L	97
34) Benzene	8.32	78	642176	26.385	ug/L	100
35) Trichloroethene	9.09	95	168489	26.540	ug/L	99
36) Methylcyclohexane	9.34	83	293330	25.408	ug/L	99
40) 1,2-Dichloropropane	9.37	63	158122	26.969	ug/L	98
41) Bromodichloromethane	9.65	83	196176	27.241	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	251837	26.774	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	214766	52.499	ug/L	99
44) Toluene	10.38	91	703258	26.663	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	208002	28.005	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	121967	27.404	ug/L	99
47) Tetrachloroethene	10.86	164	151560	26.194	ug/L	99
49) 2-Hexanone	10.97	43	163716	55.065	ug/L	99
50) Dibromochloromethane	11.13	129	145074	27.685	ug/L	99
51) 1,2-Dibromoethane	11.24	107	119371	27.304	ug/L	99
52) Chlorobenzene	11.66	112	446705	26.685	ug/L	99
53) Ethylbenzene	11.73	91	782180	26.790	ug/L	99
54) m,p-Xylene	11.84	106	302120	26.526	ug/L	97
55) o-xylene	12.16	106	287014	26.996	ug/L	99
56) Styrene	12.18	104	495574	27.370	ug/L	97
57) Isopropylbenzene	12.46	105	773952	26.835	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	145939	27.754	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	108253	27.570	ug/L	100
62) Bromoform	12.35	173	93007	27.868	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	359284	25.840	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	360276	26.030	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	324184	25.931	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	22486	26.053	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	269906	25.719	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	224716	25.835	ug/L	98
69) Naphthalene	15.36	128	419014	26.448	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	201631	26.032	ug/L	100

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

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