

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101419\
 Data File : VW013573.D
 Acq On : 14 Oct 2019 19:54
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02514

Quant Time: Oct 15 02:05:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 15 02:01:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	435443	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	396503	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	204817	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118414	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.04%
7) Chloroethane-d5	2.89	69	90692	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.80%
10) 1,1-Dichloroethene-d2	4.02	63	256185	24.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.08%
20) 2-Butanone-d5	7.07	46	98612	65.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.38%
24) Chloroform-d	7.65	84	248933	26.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.28%
26) 1,2-Dichloroethane-d4	8.31	65	133125	27.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.64%
29) Benzene-d6	8.27	84	533383	25.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.44%
33) 1,2-Dichloropropane-d6	9.27	67	158564	25.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.64%
37) Toluene-d8	10.32	98	501757	24.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.56%
38) trans-1,3-Dichloropropene-	10.57	79	71584	25.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.00%
39) 2-Hexanone-d5	10.92	63	79868	63.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	150105	29.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.84%
61) 1,2-Dichlorobenzene-d4	13.85	152	189778	25.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	61268	25.822	ug/L	92
3) Chloromethane	2.21	50	95582	22.927	ug/L	98
5) Vinyl chloride	2.36	62	142081	24.088	ug/L	97
6) Bromomethane	2.78	94	87076	24.102	ug/L	100
8) Chloroethane	2.92	64	79434	24.010	ug/L	98
9) Trichlorofluoromethane	3.26	101	66966	21.778	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	136850	25.077	ug/L	99
12) 1,1-Dichloroethene	4.04	96	139181	25.463	ug/L	98
13) Acetone	4.13	43	77408	44.866	ug/L	99
14) Carbon disulfide	4.38	76	407163	24.409	ug/L	100
15) Methyl Acetate	4.67	43	83425	30.998	ug/L	100
16) Methylene chloride	4.92	84	146575	22.224	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	239905	27.312	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	146958	25.194	ug/L	99
19) 1,1-Dichloroethane	6.21	63	252195	25.752	ug/L	99
21) 2-Butanone	7.17	43	113704	53.870	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	159609	25.584	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	73509	26.315	ug/L	92
25) Chloroform	7.68	83	250827	25.963	ug/L	100
27) 1,2-Dichloroethane	8.40	62	166569	27.260	ug/L	99
30) Cyclohexane	7.95	56	243812	23.386	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	200917	25.158	ug/L	99
32) Carbon tetrachloride	8.07	117	189332	24.716	ug/L	99
34) Benzene	8.32	78	595403	24.856	ug/L	100
35) Trichloroethene	9.09	95	154866	24.786	ug/L	98
36) Methylcyclohexane	9.34	83	272274	23.963	ug/L	99
40) 1,2-Dichloropropane	9.37	63	146423	25.374	ug/L	99
41) Bromodichloromethane	9.64	83	183874	25.943	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	235345	25.422	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	236452	58.728	ug/L	100
44) Toluene	10.38	91	648976	24.999	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	193909	26.527	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	118785	27.117	ug/L	99
47) Tetrachloroethene	10.86	164	140454	24.664	ug/L	95
49) 2-Hexanone	10.97	43	166474	56.891	ug/L	97
50) Dibromochloromethane	11.13	129	140106	27.166	ug/L	100
51) 1,2-Dibromoethane	11.23	107	118253	27.482	ug/L	100
52) Chlorobenzene	11.66	112	413893	25.121	ug/L	99
53) Ethylbenzene	11.73	91	720163	25.062	ug/L	97
54) m,p-Xylene	11.84	106	278629	24.856	ug/L	100
55) o-xylene	12.16	106	265900	25.412	ug/L	99
56) Styrene	12.18	104	460644	25.849	ug/L	94
57) Isopropylbenzene	12.46	105	716629	25.246	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	153686	29.696	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	115188	29.807	ug/L	99
62) Bromoform	12.35	173	92040	27.939	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	339181	24.713	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	335420	24.551	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	312023	25.285	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	25735	30.208	ug/L	89
67) 1,3,5-Trichlorobenzene	14.63	180	252923	24.416	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	216554	25.222	ug/L	99
69) Naphthalene	15.36	128	445255	28.472	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	195961	25.631	ug/L	98

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

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