

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062119\
 Data File : VW010914.D
 Acq On : 22 Jun 2019 01:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Jun 22 06:37:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 06:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	324335	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	306275	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	151380	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	92660	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.52%
7) Chloroethane-d5	2.89	69	78494	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.28%
10) 1,1-Dichloroethene-d2	4.02	63	217996	23.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.32%
20) 2-Butanone-d5	7.07	46	121225	54.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.48%
24) Chloroform-d	7.64	84	225419	24.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.68%
26) 1,2-Dichloroethane-d4	8.31	65	149707	25.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.72%
29) Benzene-d6	8.27	84	440992	24.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.08%
33) 1,2-Dichloropropane-d6	9.27	67	153007	24.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.08%
37) Toluene-d8	10.32	98	402362	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.56%
38) trans-1,3-Dichloropropene-	10.57	79	65863	25.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.08%
39) 2-Hexanone-d5	10.93	63	77470	52.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	139931	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	144361	23.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	101602	23.975	ug/L 96
3) Chloromethane	2.21	50	111702	22.796	ug/L 99
5) Vinyl chloride	2.36	62	126758	25.435	ug/L 97
6) Bromomethane	2.77	94	70467	25.846	ug/L 100
8) Chloroethane	2.92	64	72931	25.523	ug/L 99
9) Trichlorofluoromethane	3.25	101	36922	24.813	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	99352	24.705	ug/L 98
12) 1,1-Dichloroethene	4.04	96	100492	25.157	ug/L 99
13) Acetone	4.12	43	91260	54.603	ug/L 99
14) Carbon disulfide	4.39	76	290476	25.625	ug/L 99
15) Methyl Acetate	4.67	43	101052	29.463	ug/L 100
16) Methylene chloride	4.92	84	123675	25.028	ug/L 97
17) Methyl tert-butyl Ether	5.42	73	191487	27.559	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	107008	24.845	ug/L 95
19) 1,1-Dichloroethane	6.21	63	228713	26.044	ug/L 99
21) 2-Butanone	7.17	43	136095	53.334	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	123520	25.945	ug/L 95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062119\
 Data File : VW010914.D
 Acq On : 22 Jun 2019 01:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Jun 22 06:37:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 22 06:31:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	54806	26.490	ug/L	99
25) Chloroform	7.67	83	216504	26.136	ug/L	100
27) 1,2-Dichloroethane	8.40	62	183211	27.375	ug/L	98
30) Cyclohexane	7.95	56	211541	24.160	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	144705	25.288	ug/L	100
32) Carbon tetrachloride	8.07	117	130610	24.710	ug/L	98
34) Benzene	8.32	78	477614	25.402	ug/L	100
35) Trichloroethene	9.09	95	118955	25.542	ug/L	99
36) Methylcyclohexane	9.34	83	197205	24.189	ug/L	100
40) 1,2-Dichloropropane	9.37	63	136074	25.875	ug/L	100
41) Bromodichloromethane	9.64	83	161547	26.706	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	208059	26.947	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	291440	57.480	ug/L	100
44) Toluene	10.38	91	500167	25.622	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	175475	27.098	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	100282	27.258	ug/L	98
47) Tetrachloroethene	10.86	164	85041	24.790	ug/L	97
49) 2-Hexanone	10.97	43	206039	57.728	ug/L	100
50) Dibromochloromethane	11.13	129	107891	27.544	ug/L	99
51) 1,2-Dibromoethane	11.23	107	99966	27.590	ug/L	99
52) Chlorobenzene	11.66	112	311638	25.892	ug/L	99
53) Ethylbenzene	11.73	91	555608	25.398	ug/L	100
54) m,p-Xylene	11.84	106	203757	25.598	ug/L	99
55) o-xylene	12.16	106	200164	25.588	ug/L	98
56) Styrene	12.18	104	353456	26.312	ug/L	97
57) Isopropylbenzene	12.46	105	522437	25.526	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	134956	27.653	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	107956	27.850	ug/L	99
62) Bromoform	12.35	173	61900	27.054	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	235760	25.156	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	238992	24.982	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	227134	25.647	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	25353	27.933	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	177791	25.059	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	154620	25.068	ug/L	99
69) Naphthalene	15.37	128	386841	27.924	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	149757	26.122	ug/L	99

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

