

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009316.D
 Acq On : 21 Mar 2019 05:27
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Mar 21 12:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 12:20:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	402751	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	391654	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	205558	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	114945	23.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.52%
7) Chloroethane-d5	2.89	69	120158	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
10) 1,1-Dichloroethene-d2	4.02	63	244998	23.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.20%
20) 2-Butanone-d5	7.07	46	97939	49.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.42%
24) Chloroform-d	7.65	84	288618	26.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.04%
26) 1,2-Dichloroethane-d4	8.30	65	174348	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.32%
29) Benzene-d6	8.27	84	536635	24.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.36%
33) 1,2-Dichloropropane-d6	9.27	67	167274	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.32	98	493312	24.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.80%
38) trans-1,3-Dichloropropene-	10.57	79	77445	23.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.08%
39) 2-Hexanone-d5	10.93	63	77165	49.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	170463	26.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	195284	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	112776	21.256	ug/L 99
3) Chloromethane	2.21	50	125624	22.317	ug/L 97
5) Vinyl chloride	2.37	62	153294	26.458	ug/L 98
6) Bromomethane	2.78	94	114941	23.679	ug/L 97
8) Chloroethane	2.93	64	109126	22.765	ug/L 96
9) Trichlorofluoromethane	3.26	101	82809	18.094	ug/L 96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	124835	23.619	ug/L 97
12) 1,1-Dichloroethene	4.03	96	124024	25.007	ug/L 96
13) Acetone	4.12	43	60659	37.163	ug/L 95
14) Carbon disulfide	4.38	76	354679	26.572	ug/L 99
15) Methyl Acetate	4.67	43	83612	26.075	ug/L 100
16) Methylene chloride	4.92	84	146375	24.922	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	183786	26.190	ug/L 98
18) trans-1,2-Dichloroethene	5.42	96	131896	25.295	ug/L 99
19) 1,1-Dichloroethane	6.21	63	250664	26.365	ug/L 99
21) 2-Butanone	7.17	43	103588	45.963	ug/L 98
22) cis-1,2-Dichloroethene	7.16	96	150447	26.634	ug/L 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032019\
 Data File : VW009316.D
 Acq On : 21 Mar 2019 05:27
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 4.55G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02516

Quant Time: Mar 21 12:25:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 21 12:20:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	72597	26.796	ug/L	97
25) Chloroform	7.67	83	271461	27.264	ug/L	99
27) 1,2-Dichloroethane	8.40	62	205364	27.664	ug/L	99
30) Cyclohexane	7.95	56	199817	22.464	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	199590	25.516	ug/L	98
32) Carbon tetrachloride	8.06	117	197844	25.068	ug/L	100
34) Benzene	8.32	78	567963	26.494	ug/L	100
35) Trichloroethene	9.09	95	144805	25.350	ug/L	99
36) Methylcyclohexane	9.34	83	228366	23.108	ug/L	99
40) 1,2-Dichloropropane	9.37	63	144734	26.311	ug/L	100
41) Bromodichloromethane	9.64	83	205615	26.977	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	223586	24.955	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	236383	47.422	ug/L	99
44) Toluene	10.38	91	610795	26.060	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	193922	24.881	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	114770	26.152	ug/L	96
47) Tetrachloroethene	10.86	164	115854	24.004	ug/L	97
49) 2-Hexanone	10.97	43	167732	47.777	ug/L	100
50) Dibromochloromethane	11.13	129	146298	27.005	ug/L	97
51) 1,2-Dibromoethane	11.23	107	115675	26.001	ug/L	99
52) Chlorobenzene	11.66	112	396891	26.402	ug/L	98
53) Ethylbenzene	11.73	91	684531	25.977	ug/L	98
54) m,p-Xylene	11.84	106	261139	26.085	ug/L	98
55) o-xylene	12.16	106	255495	26.160	ug/L	99
56) Styrene	12.18	104	455115	27.311	ug/L	99
57) Isopropylbenzene	12.46	105	673276	25.734	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	154881	26.160	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	114500	26.060	ug/L	100
62) Bromoform	12.35	173	91102	26.230	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	308818	25.208	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	319773	25.246	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	306544	26.238	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	26998	23.578	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	232150	24.295	ug/L	98
68) 1,2,4-trichlorobenzene	15.14	180	196592	24.493	ug/L	99
69) Naphthalene	15.37	128	425662	25.579	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	192289	25.578	ug/L	99

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

