

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102219\
 Data File : VW013646.D
 Acq On : 22 Oct 2019 10:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Oct 22 14:35:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 22 06:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	379182	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360412	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217035	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	127756	27.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.84%
7) Chloroethane-d5	2.90	69	111490	25.67	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.68%
10) 1,1-Dichloroethene-d2	4.03	63	266615	25.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.80%
20) 2-Butanone-d5	7.07	46	90122	54.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.32%
24) Chloroform-d	7.65	84	283968	26.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.04%
26) 1,2-Dichloroethane-d4	8.30	65	145038	26.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.56%
29) Benzene-d6	8.27	84	585151	27.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.08%
33) 1,2-Dichloropropane-d6	9.27	67	177887	27.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.04%
37) Toluene-d8	10.32	98	537923	26.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.76%
38) trans-1,3-Dichloropropene-	10.58	79	78483	26.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.60%
39) 2-Hexanone-d5	10.93	63	70889	57.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	145298	27.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	197831	25.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	85238	19.986	ug/L	99
3) Chloromethane	2.22	50	87063	18.858	ug/L	98
5) Vinyl chloride	2.37	62	141358	24.501	ug/L	98
6) Bromomethane	2.79	94	90702	21.757	ug/L	97
8) Chloroethane	2.93	64	86468	22.177	ug/L	99
9) Trichlorofluoromethane	3.26	101	94391	24.273	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	138387	22.600	ug/L	99
12) 1,1-Dichloroethene	4.04	96	140335	23.287	ug/L	90
13) Acetone	4.14	43	69092	37.412	ug/L	98
14) Carbon disulfide	4.39	76	411638	23.872	ug/L	99
15) Methyl Acetate	4.68	43	65371	21.664	ug/L	100
16) Methylene chloride	4.92	84	149409	20.577	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	191503	22.967	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	148919	22.355	ug/L	92
19) 1,1-Dichloroethane	6.21	63	255649	22.672	ug/L	98
21) 2-Butanone	7.18	43	93309	39.794	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	160841	22.494	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	70266	21.741	ug/L	98
25) Chloroform	7.68	83	253567	22.386	ug/L	100
27) 1,2-Dichloroethane	8.40	62	157468	21.691	ug/L	99
30) Cyclohexane	7.96	56	247849	23.473	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	198992	23.672	ug/L	99
32) Carbon tetrachloride	8.07	117	191584	23.405	ug/L	97
34) Benzene	8.32	78	595329	23.021	ug/L	100
35) Trichloroethene	9.09	95	154604	23.302	ug/L	99
36) Methylcyclohexane	9.34	83	270155	23.101	ug/L	99
40) 1,2-Dichloropropane	9.37	63	141758	22.420	ug/L	99
41) Bromodichloromethane	9.65	83	178505	23.040	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	230920	23.132	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	181713	42.122	ug/L	100
44) Toluene	10.39	91	649241	23.368	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	181262	22.494	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	107583	22.061	ug/L	97
47) Tetrachloroethene	10.86	164	140354	23.110	ug/L	99
49) 2-Hexanone	10.97	43	129363	42.269	ug/L	98
50) Dibromochloromethane	11.13	129	128449	22.319	ug/L	93
51) 1,2-Dibromoethane	11.24	107	103356	21.795	ug/L	94
52) Chlorobenzene	11.66	112	404068	22.730	ug/L	98
53) Ethylbenzene	11.73	91	702928	22.898	ug/L	99
54) m,p-Xylene	11.84	106	276035	23.269	ug/L	100
55) o-xylene	12.16	106	257259	22.852	ug/L	100
56) Styrene	12.18	104	449868	23.360	ug/L	100
57) Isopropylbenzene	12.46	105	701560	23.234	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	126095	22.062	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	93127	21.849	ug/L	97
62) Bromoform	12.35	173	80339	21.599	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	326018	22.138	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	325759	22.013	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	296153	22.195	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	19120	20.848	ug/L #	74
67) 1,3,5-Trichlorobenzene	14.63	180	246125	22.481	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	205692	22.130	ug/L	99
69) Naphthalene	15.36	128	377315	22.403	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	182711	21.951	ug/L	100

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

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