

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060520\
 Data File : VW015538.D
 Acq On : 05 Jun 2020 11:47
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Jun 06 04:06:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 15:14:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	367272	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	332444	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165114	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	88615	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
7) Chloroethane-d5	2.89	69	90899	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.64%
10) 1,1-Dichloroethene-d2	4.02	63	202973	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.00%
20) 2-Butanone-d5	7.08	46	58245	53.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.02%
24) Chloroform-d	7.65	84	214468	25.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	8.31	65	121550	25.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.88%
29) Benzene-d6	8.27	84	409202	25.10	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.40%
33) 1,2-Dichloropropane-d6	9.27	67	123883	25.00	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.00%
37) Toluene-d8	10.32	98	392672	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
38) trans-1,3-Dichloropropene-	10.58	79	55661	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.12%
39) 2-Hexanone-d5	10.93	63	48179	56.17	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.34%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102173	27.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	137139	24.78	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.12%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	76515	23.582	ug/L	97
3) Chloromethane	2.21	50	79526	22.265	ug/L	99
5) Vinyl chloride	2.37	62	127236	23.688	ug/L	98
6) Bromomethane	2.79	94	81170	23.250	ug/L	99
8) Chloroethane	2.93	64	77184	23.606	ug/L	96
9) Trichlorofluoromethane	3.26	101	96453	25.233	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	107879	23.795	ug/L	99
12) 1,1-Dichloroethene	4.04	96	103452	23.623	ug/L	93
13) Acetone	4.13	43	54278	63.895	ug/L	97
14) Carbon disulfide	4.38	76	328025	22.452	ug/L	99
15) Methyl Acetate	4.67	43	47032	25.591	ug/L	99
16) Methylene chloride	4.92	84	109445	24.280	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	169061	24.327	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	113166	24.113	ug/L	100
19) 1,1-Dichloroethane	6.21	63	203461	24.102	ug/L	100
21) 2-Butanone	7.17	43	67011	51.351	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	117585	24.017	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	52090	24.673	ug/L	98
25) Chloroform	7.68	83	206651	24.312	ug/L	100
27) 1,2-Dichloroethane	8.40	62	143729	24.995	ug/L	99
30) Cyclohexane	7.96	56	193075	23.495	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	181910	24.459	ug/L	99
32) Carbon tetrachloride	8.07	117	166543	24.415	ug/L	99
34) Benzene	8.32	78	452045	24.315	ug/L	100
35) Trichloroethene	9.09	95	120034	24.036	ug/L	99
36) Methylcyclohexane	9.34	83	215089	24.149	ug/L	100
40) 1,2-Dichloropropane	9.37	63	110972	24.239	ug/L	100
41) Bromodichloromethane	9.65	83	149682	24.473	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	180660	24.659	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	138584	51.639	ug/L	100
44) Toluene	10.39	91	496424	24.509	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	159292	24.984	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	82237	25.675	ug/L	97
47) Tetrachloroethene	10.86	164	97061	24.519	ug/L	98
49) 2-Hexanone	10.97	43	99264	54.797	ug/L	98
50) Dibromochloromethane	11.13	129	100208	25.751	ug/L	99
51) 1,2-Dibromoethane	11.24	107	80071	26.040	ug/L	98
52) Chlorobenzene	11.66	112	311252	24.499	ug/L	98
53) Ethylbenzene	11.73	91	572782	24.627	ug/L	99
54) m,p-Xylene	11.84	106	216553	24.813	ug/L	99
55) o-xylene	12.17	106	204740	24.715	ug/L	96
56) Styrene	12.18	104	350850	24.786	ug/L	99
57) Isopropylbenzene	12.47	105	572364	24.803	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	98161	26.471	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	74237	26.403	ug/L	96
62) Bromoform	12.35	173	56159	24.411	ug/L	96
63) 1,3-Dichlorobenzene	13.50	146	240532	23.806	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	242822	24.528	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	219456	24.995	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	16821	25.255	ug/L	95
67) 1,3,5-Trichlorobenzene	14.63	180	176033	25.166	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	153003	27.158	ug/L	96
69) Naphthalene	15.37	128	281608	27.528	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	127716	26.646	ug/L	99

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

