

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015464.D
 Acq On : 26 May 2020 10:07
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.503

Quant Time: May 26 11:58:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 26 11:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	409104	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	362249	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	165135	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	10008	1.96	ug/L	0.00
7) Chloroethane-d5	2.90	69	9459	1.92	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	23927	2.30	ug/L	0.00
20) 2-Butanone-d5	7.09	46	5352	3.91	ug/L	0.00
24) Chloroform-d	7.65	84	23466	2.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	12747	2.23	ug/L	0.00
29) Benzene-d6	8.27	84	45361	2.29	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	13524	2.25	ug/L	0.00
37) Toluene-d8	10.32	98	44188	2.32	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	5965	2.18	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	3888	3.50	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	9390	2.08	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	13919	2.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.02	85	8406	2.341	ug/L 98
3) Chloromethane	2.22	50	11316	2.945	ug/L 98
5) Vinyl chloride	2.37	62	15641	2.620	ug/L 99
6) Bromomethane	2.79	94	9789	2.384	ug/L 97
8) Chloroethane	2.93	64	9465	2.372	ug/L 91
9) Trichlorofluoromethane	3.27	101	10557	2.426	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	12953	2.672	ug/L # 82
12) 1,1-Dichloroethene	4.04	96	12671	2.582	ug/L 80
13) Acetone	4.12	43	4622	4.464	ug/L 92
14) Carbon disulfide	4.38	76	41275	2.708	ug/L 100
15) Methyl Acetate	4.68	43	4599	2.031	ug/L 97
16) Methylene chloride	4.92	84	13840	2.362	ug/L 93
17) Methyl tert-butyl Ether	5.43	73	19752	2.476	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	12853	2.431	ug/L 95
19) 1,1-Dichloroethane	6.22	63	23716	2.381	ug/L 97
21) 2-Butanone	7.18	43	7938	5.100	ug/L 92
22) cis-1,2-Dichloroethene	7.17	96	13665	2.398	ug/L 97
23) Bromochloromethane	7.51	128	5757	2.424	ug/L 96
25) Chloroform	7.68	83	23630	2.400	ug/L 100
27) 1,2-Dichloroethane	8.40	62	15771	2.354	ug/L 99
30) Cyclohexane	7.96	56	23394	2.469	ug/L 99
31) 1,1,1-Trichloroethane	7.88	97	21011	2.584	ug/L 100
32) Carbon tetrachloride	8.07	117	18964	2.563	ug/L 99
34) Benzene	8.32	78	51904	2.449	ug/L 100
35) Trichloroethene	9.09	95	13835	2.436	ug/L 99
36) Methylcyclohexane	9.34	83	24890	2.468	ug/L 98
40) 1,2-Dichloropropane	9.37	63	12801	2.417	ug/L # 93
41) Bromodichloromethane	9.65	83	16515	2.362	ug/L # 96
42) cis-1,3-Dichloropropene	10.07	75	19078	2.231	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	14049	3.959	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052620\
 Data File : VW015464.D
 Acq On : 26 May 2020 10:07
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10.0mL/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.503

Quant Time: May 26 11:58:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052620S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 26 11:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	55558	2.399	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	16269	2.183	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	8550	2.303	ug/L	93
47) Tetrachloroethene	10.87	164	11355	2.665	ug/L	96
49) 2-Hexanone	10.97	43	8814	3.942	ug/L	99
50) Dibromochloromethane	11.13	129	9629	2.144	ug/L	92
51) 1,2-Dibromoethane	11.24	107	7949	2.243	ug/L	99
52) Chlorobenzene	11.66	112	34697	2.374	ug/L	98
53) Ethylbenzene	11.73	91	63631	2.356	ug/L	98
54) m,p-Xylene	11.84	106	23281	2.307	ug/L	96
55) o-xylene	12.16	106	21848	2.250	ug/L	96
56) Styrene	12.18	104	36433	2.198	ug/L	97
57) Isopropylbenzene	12.46	105	62490	2.330	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	9598	2.173	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	7255	2.163	ug/L	98
62) Bromoform	12.35	173	5208	2.135	ug/L #	97
63) 1,3-Dichlorobenzene	13.50	146	25725	2.450	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	26131	2.500	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	22152	2.398	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	1630	2.189	ug/L	84
67) 1,3,5-Trichlorobenzene	14.63	180	17441	2.416	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	13293	2.230	ug/L	99
69) Naphthalene	15.37	128	21692	1.939	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	11110	2.163	ug/L	99

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

