

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101019\
 Data File : VW013521.D
 Acq On : 10 Oct 2019 15:37
 Operator : SY/VA
 Sample : VSTD00502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 10 16:15:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 10 14:17:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	506561	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	444686	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	224766	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	30846	5.30	ug/L	0.00
7) Chloroethane-d5	2.89	69	24114	5.50	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	61195	5.16	ug/L	0.00
20) 2-Butanone-d5	7.09	46	17876	9.72	ug/L	0.01
24) Chloroform-d	7.65	84	57100	5.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	30298	5.33	ug/L	0.00
29) Benzene-d6	8.27	84	123903	5.15	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	36911	5.25	ug/L	0.00
37) Toluene-d8	10.32	98	116574	5.18	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	16106	5.14	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	14951	10.74	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	29899	5.31	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	42512	5.25	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	15251	6.857 ug/L	96
3) Chloromethane	2.21	50	28208	6.734 ug/L	98
5) Vinyl chloride	2.36	62	34886	5.524 ug/L	98
6) Bromomethane	2.78	94	21637	5.616 ug/L	95
8) Chloroethane	2.92	64	18796	5.141 ug/L	99
9) Trichlorofluoromethane	3.26	101	16816	5.012 ug/L	96
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	30976	5.152 ug/L	97
12) 1,1-Dichloroethene	4.03	96	31251	5.131 ug/L	85
13) Acetone	4.14	43	24183	13.366 ug/L	98
14) Carbon disulfide	4.38	76	91882	5.006 ug/L	99
15) Methyl Acetate	4.68	43	15053	4.919 ug/L #	88
16) Methylene chloride	4.91	84	41857	6.075 ug/L	97
17) Methyl tert-butyl Ether	5.42	73	50104	5.043 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	32954	5.035 ug/L	94
19) 1,1-Dichloroethane	6.21	63	55844	5.088 ug/L	98
21) 2-Butanone	7.18	43	26536	11.384 ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	34945	5.010 ug/L	96
23) Bromochloromethane	7.51	128	15835	5.023 ug/L	96
25) Chloroform	7.67	83	55140	5.078 ug/L	100
27) 1,2-Dichloroethane	8.40	62	34580	5.003 ug/L	95
30) Cyclohexane	7.96	56	57097	5.114 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	42859	4.945 ug/L	98
32) Carbon tetrachloride	8.07	117	41298	5.026 ug/L	100
34) Benzene	8.32	78	131650	5.093 ug/L	100
35) Trichloroethene	9.09	95	33930	5.026 ug/L	99
36) Methylcyclohexane	9.34	83	61616	5.047 ug/L	98
40) 1,2-Dichloropropane	9.37	63	31415	4.992 ug/L	99
41) Bromodichloromethane	9.65	83	37626	4.872 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	49448	4.915 ug/L	94
43) 4-Methyl-2-pentanone	10.21	43	44919	10.129 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Toluene	10.39	91	140504	5.020	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	38033	4.779	ug/L	93
46) 1,1,2-Trichloroethane	10.79	97	23822	4.962	ug/L	96
47) Tetrachloroethene	10.86	164	31057	5.053	ug/L	98
49) 2-Hexanone	10.97	43	34079	11.118	ug/L	99
50) Dibromochloromethane	11.13	129	27176	4.804	ug/L	100
51) 1,2-Dibromoethane	11.24	107	23624	5.052	ug/L	89
52) Chlorobenzene	11.66	112	91074	5.153	ug/L	99
53) Ethylbenzene	11.73	91	156868	5.063	ug/L	100
54) m,p-Xylene	11.84	106	61456	5.116	ug/L	99
55) o-xylene	12.16	106	57099	5.073	ug/L	99
56) Styrene	12.18	104	95596	4.977	ug/L	97
57) Isopropylbenzene	12.46	105	155218	5.053	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	28171	4.954	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	21351	5.000	ug/L	94
62) Bromoform	12.35	173	17182	4.850	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	74079	5.157	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	74240	5.224	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	66928	5.234	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	4622	5.185	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	56581	5.366	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	47269	5.413	ug/L	96
69) Naphthalene	15.37	128	79762	4.993	ug/L	98
70) 1,2,3-Trichlorobenzene	15.55	180	40482	5.217	ug/L	98

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

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