

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
 Data File : VW002784.D
 Acq On : 22 May 2018 11:07
 Operator : JC/SY
 Sample : VSTD05084
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:33:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 11:04:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	324565	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	306920	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	167493	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	207660	42.10	ug/L	0.00
7) Chloroethane-d5	2.89	69	193313	43.46	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	362944	43.55	ug/L	0.00
20) 2-Butanone-d5	7.08	46	178299	108.41	ug/L	0.00
24) Chloroform-d	7.65	84	399357	46.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	242297	47.70	ug/L	0.00
29) Benzene-d6	8.27	84	753422	44.24	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	242442	46.07	ug/L	0.00
37) Toluene-d8	10.33	98	751949	45.24	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	122686	49.06	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	153601	116.16	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	272998	51.93	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	315433	47.14	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	93868	46.41	ug/L	91
3) Chloromethane	2.21	50	155600	50.40	ug/L	98
5) Vinyl chloride	2.36	62	267052	51.04	ug/L	96
6) Bromomethane	2.78	94	195466	53.04	ug/L	99
8) Chloroethane	2.92	64	179350	51.78	ug/L	96
9) Trichlorofluoromethane	3.25	101	115483	37.73	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	193209	47.68	ug/L	99
12) 1,1-Dichloroethene	4.03	96	187010	50.22	ug/L	99
13) Acetone	4.12	43	143921	89.40	ug/L	99
14) Carbon disulfide	4.37	76	577669	58.35	ug/L	100
15) Methyl Acetate	4.67	43	135994	54.90	ug/L	100
16) Methylene chloride	4.91	84	192192	46.81	ug/L	94
17) Methyl tert-butyl Ether	5.43	73	370315	51.90	ug/L	100
18) trans-1,2-Dichloroethene	5.41	96	199629	51.77	ug/L	99
19) 1,1-Dichloroethane	6.21	63	351239	49.67	ug/L	98
21) 2-Butanone	7.18	43	197973	104.55	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	223045	50.91	ug/L	98
23) Bromochloromethane	7.51	128	106217	51.28	ug/L	97
25) Chloroform	7.68	83	377564	49.34	ug/L	99
27) 1,2-Dichloroethane	8.40	62	280265	52.77	ug/L	100
30) Cyclohexane	7.95	56	329503	52.49	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	288042	46.18	ug/L	100
32) Carbon tetrachloride	8.07	117	295683	48.94	ug/L	99
34) Benzene	8.32	78	822850	50.60	ug/L	100
35) Trichloroethene	9.10	95	220098	49.66	ug/L	99
36) Methylcyclohexane	9.34	83	381428	52.81	ug/L	99
40) 1,2-Dichloropropane	9.37	63	213350	49.34	ug/L	100
41) Bromodichloromethane	9.65	83	287150	50.77	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	345881	51.61	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	406022	111.02	ug/L	99

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

44) Toluene	10.40	91	910051	50.34	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	320209	53.09	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	179159	49.85	ug/L	99
47) Tetrachloroethene	10.87	164	193717	50.61	ug/L	99
49) 2-Hexanone	10.98	43	308148	113.63	ug/L	100
50) Dibromochloromethane	11.13	129	224429	51.83	ug/L	98
51) 1,2-Dibromoethane	11.24	107	186576	53.34	ug/L	100
52) Chlorobenzene	11.66	112	598293	49.48	ug/L	98
53) Ethylbenzene	11.74	91	1047081	50.71	ug/L	99
54) m,p-Xylene	11.85	106	400724	51.25	ug/L	96
55) o-xylene	12.18	106	383597	50.37	ug/L	99
56) Styrene	12.19	104	679930	52.20	ug/L	99
57) Isopropylbenzene	12.48	105	1045371	49.62	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	255509	51.77	ug/L	99
59) 1,2,3-Trichloropropane	12.78	75	193173	51.65	ug/L	98
62) Bromoform	12.36	173	150755	52.49	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	488700	47.51	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	508596	47.89	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	477753	48.81	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.50	75	47179	52.49	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	392972	47.24	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	337515	47.58	ug/L	98
69) Naphthalene	15.38	128	746654	50.70	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	316803	48.20	ug/L	99

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

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