

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
 Data File : VW002785.D
 Acq On : 22 May 2018 11:33
 Operator : JC/SY
 Sample : VSTD10085
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:57:17 2018
 Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 22 11:01:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	308021	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	289492	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	155737	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	410196	87.62	ug/L	0.00
7) Chloroethane-d5	2.88	69	401006	95.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	726377	91.84	ug/L	0.00
20) 2-Butanone-d5	7.08	46	421393	269.98	ug/L	0.00
24) Chloroform-d	7.65	84	761155	93.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	456026	94.60	ug/L	0.00
29) Benzene-d6	8.28	84	1423269	88.60	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	453735	91.41	ug/L	0.00
37) Toluene-d8	10.33	98	1443805	92.09	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	233588	99.04	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	349229	280.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	549692	110.86	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	585739	94.14	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	240219	125.15	ug/L	100
3) Chloromethane	2.21	50	349539	119.29	ug/L	100
5) Vinyl chloride	2.36	62	589734	118.76	ug/L	99
6) Bromomethane	2.76	94	449697	128.59	ug/L	99
8) Chloroethane	2.92	64	417743	127.09	ug/L	98
9) Trichlorofluoromethane	3.24	101	268533	92.45	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.04	101	415007	107.91	ug/L	# 68
12) 1,1-Dichloroethene	4.03	96	407341	115.26	ug/L	90
13) Acetone	4.12	43	363084	237.66	ug/L	99
14) Carbon disulfide	4.37	76	1264254	134.56	ug/L	99
15) Methyl Acetate	4.67	43	333948	142.04	ug/L	99
16) Methylene chloride	4.90	84	395096	101.40	ug/L	97
17) Methyl tert-butyl Ether	5.42	73	779713	115.15	ug/L	100
18) trans-1,2-Dichloroethene	5.41	96	425882	116.38	ug/L	98
19) 1,1-Dichloroethane	6.21	63	746417	111.21	ug/L	99
21) 2-Butanone	7.18	43	512875	285.41	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	470485	113.16	ug/L	98
23) Bromochloromethane	7.51	128	219939	111.89	ug/L	98
25) Chloroform	7.68	83	792349	109.10	ug/L	99
27) 1,2-Dichloroethane	8.40	62	586469	116.35	ug/L	99
30) Cyclohexane	7.95	56	734617	124.06	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	621213	105.58	ug/L	99
32) Carbon tetrachloride	8.07	117	644351	113.07	ug/L	99
34) Benzene	8.32	78	1741845	113.56	ug/L	100
35) Trichloroethene	9.10	95	474723	113.55	ug/L	99
36) Methylcyclohexane	9.34	83	838061	123.03	ug/L	100
40) 1,2-Dichloropropane	9.37	63	444813	109.06	ug/L	100
41) Bromodichloromethane	9.65	83	599198	112.33	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	734287	116.15	ug/L	99
43) 4-Methyl-2-pentanone	10.22	43	1002187	290.52	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	1955843	114.69	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	684638	120.35	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	380034	112.11	ug/L	98
47) Tetrachloroethene	10.87	164	413731	114.59	ug/L	99
49) 2-Hexanone	10.98	43	770876	301.36	ug/L	98
50) Dibromochloromethane	11.13	129	478062	117.06	ug/L	99
51) 1,2-Dibromoethane	11.24	107	399699	121.16	ug/L	99
52) Chlorobenzene	11.66	112	1268947	111.27	ug/L	98
53) Ethylbenzene	11.74	91	2274662	116.79	ug/L	99
54) m,p-Xylene	11.85	106	863585	117.09	ug/L	98
55) o-xylene	12.18	106	848479	118.11	ug/L	99
56) Styrene	12.19	104	1513556	123.19	ug/L	98
57) Isopropylbenzene	12.48	105	2332592	117.39	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.73	83	568866	122.21	ug/L	100
59) 1,2,3-Trichloropropane	12.78	75	441976	125.30	ug/L	99
62) Bromoform	12.36	173	342815	128.38	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	1047208	109.48	ug/L	99
64) 1,4-Dichlorobenzene	13.59	146	1066646	108.02	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	1001190	110.01	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.50	75	117668	140.80	ug/L	99
67) 1,3,5-Trichlorobenzene	14.64	180	817300	105.67	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	703333	106.62	ug/L	99
69) Naphthalene	15.38	128	1657212	121.02	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	657909	107.65	ug/L	100

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

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