

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052218\
 Data File : VW002782.D
 Acq On : 22 May 2018 10:15
 Operator : JC/SY
 Sample : VSTD00582
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 22 11:07:45 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	324236	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	300910	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	156370	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	20718	4.20	ug/L	0.00
7) Chloroethane-d5	2.88	69	18760	4.22	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	36764	4.42	ug/L	0.00
20) 2-Butanone-d5	7.09	46	15166	9.23	ug/L	0.00
24) Chloroform-d	7.65	84	38808	4.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	23692	4.67	ug/L	0.00
29) Benzene-d6	8.27	84	71098	4.26	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	23331	4.52	ug/L	0.00
37) Toluene-d8	10.33	98	69823	4.28	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	10600	4.32	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	10848	8.37	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	24627	4.78	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	28665	4.59	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	9252m	4.58	ug/L	
3) Chloromethane	2.21	50	18219	5.91	ug/L	99
5) Vinyl chloride	2.36	62	30929	5.92	ug/L	94
6) Bromomethane	2.77	94	20341	5.53	ug/L	96
8) Chloroethane	2.92	64	18652	5.39	ug/L	98
9) Trichlorofluoromethane	3.25	101	12786	4.18	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	20324	5.02	ug/L	98
12) 1,1-Dichloroethene	4.02	96	20507	5.51	ug/L	96
13) Acetone	4.12	43	14812	9.21	ug/L	98
14) Carbon disulfide	4.37	76	62686	6.34	ug/L	99
15) Methyl Acetate	4.67	43	14320	5.79	ug/L	98
16) Methylene chloride	4.92	84	22091	5.39	ug/L	92
17) Methyl tert-butyl Ether	5.43	73	36058	5.06	ug/L	# 86
18) trans-1,2-Dichloroethene	5.40	96	21254	5.52	ug/L	89
19) 1,1-Dichloroethane	6.21	63	37329	5.28	ug/L	94
21) 2-Butanone	7.18	43	18492	9.78	ug/L	81
22) cis-1,2-Dichloroethene	7.17	96	22966	5.25	ug/L	94
23) Bromochloromethane	7.51	128	11877	5.74	ug/L	91
25) Chloroform	7.67	83	40287	5.27	ug/L	98
27) 1,2-Dichloroethane	8.40	62	29887	5.63	ug/L	95
30) Cyclohexane	7.95	56	31338	5.09	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	30817	5.04	ug/L	99
32) Carbon tetrachloride	8.06	117	29811	5.03	ug/L	99
34) Benzene	8.32	78	86260	5.41	ug/L	100
35) Trichloroethene	9.09	95	23983	5.52	ug/L	97
36) Methylcyclohexane	9.34	83	36523	5.16	ug/L	96
40) 1,2-Dichloropropane	9.38	63	22929	5.41	ug/L	98
41) Bromodichloromethane	9.65	83	28254	5.10	ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	32700	4.98	ug/L	98
43) 4-Methyl-2-pentanone	10.22	43	36767	10.25	ug/L	98

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

44) Toluene	10.40	91	91624	5.17	ug/L	97
45) trans-1,3-Dichloropropene	10.62	75	28846	4.88	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	18544	5.26	ug/L	95
47) Tetrachloroethene	10.87	164	20242	5.39	ug/L	97
49) 2-Hexanone	10.98	43	26484	9.96	ug/L	99
50) Dibromochloromethane	11.13	129	21323	5.02	ug/L	100
51) 1,2-Dibromoethane	11.24	107	18259	5.32	ug/L	99
52) Chlorobenzene	11.66	112	61541	5.19	ug/L	98
53) Ethylbenzene	11.74	91	99726	4.93	ug/L	99
54) m,p-Xylene	11.85	106	38974	5.08	ug/L	88
55) o-xylene	12.18	106	35542	4.76	ug/L	94
56) Styrene	12.19	104	62448	4.89	ug/L	98
57) Isopropylbenzene	12.48	105	97076	4.70	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.73	83	24979	5.16	ug/L	99
59) 1,2,3-Trichloropropane	12.78	75	18843	5.14	ug/L	100
62) Bromoform	12.35	173	13679	5.10	ug/L #	97
63) 1,3-Dichlorobenzene	13.51	146	48401	5.04	ug/L	98
64) 1,4-Dichlorobenzene	13.59	146	51959	5.24	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	48258	5.28	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.50	75	4384	5.22	ug/L	91
67) 1,3,5-Trichlorobenzene	14.65	180	39631	5.10	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	31776	4.80	ug/L	97
69) Naphthalene	15.38	128	58798	4.28	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	30968	5.05	ug/L	99

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

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