

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052718\
 Data File : VV006086.D
 Acq On : 27 May 2018 14:45
 Operator : SY/MD
 Sample : VSTD10073
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 27 23:59:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun May 27 23:57:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	271490	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	256047	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	145301	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	231452	118.07	ug/L	0.00
7) Chloroethane-d5	1.55	69	88575	72.68	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	415596	114.59	ug/L	0.00
21) 2-Butanone-d5	3.96	46	246274	228.06	ug/L	0.00
24) Chloroform-d	4.41	84	410993	113.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	264904	111.54	ug/L	0.00
32) Benzene-d6	5.10	84	854091	120.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	279285	123.02	ug/L	0.00
41) Toluene-d8	7.37	98	812454	124.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	131350	128.13	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	245627	274.23	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	406322	128.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	367747	121.36	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	203697	87.72	ug/L	# 83
3) Chloromethane	1.26	50	238009	93.20	ug/L	99
5) Vinyl chloride	1.32	62	224101	97.58	ug/L	100
6) Bromomethane	1.51	94	84730	87.84	ug/L	100
8) Chloroethane	1.57	64	56757	48.80	ug/L	98
9) Trichlorofluoromethane	1.75	101	297925	93.99	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	183784	101.25	ug/L	100
12) 1,1-Dichloroethene	2.13	96	167749	100.39	ug/L	93
13) Acetone	2.20	43	239298	209.20	ug/L	100
14) Carbon disulfide	2.31	76	474022	96.57	ug/L	100
15) Methyl Acetate	2.46	43	219340	94.08	ug/L	100
16) Methylene chloride	2.54	84	191804	96.70	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	176124	98.31	ug/L	99
18) Methyl tert-butyl Ether	2.82	73	595591	98.81	ug/L	99
19) 1,1-Dichloroethane	3.23	63	342835	94.42	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	196995	93.24	ug/L	99
22) 2-Butanone	4.04	43	329216	204.90	ug/L	100
23) Bromochloromethane	4.30	128	99693	96.54	ug/L	99
25) Chloroform	4.43	83	337433	89.49	ug/L	100
27) 1,2-Dichloroethane	5.19	62	268567	88.01	ug/L	99
29) Cyclohexane	4.72	56	314198	100.74	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	286108	87.92	ug/L	99
31) Carbon tetrachloride	4.88	117	251274	89.40	ug/L	99
33) Benzene	5.15	78	761027	95.92	ug/L	100
34) Trichloroethene	5.96	95	187345	92.31	ug/L	99
35) Methylcyclohexane	6.18	83	332569	104.02	ug/L	99
37) 1,2-Dichloropropane	6.23	63	209633	98.08	ug/L	100
38) Bromodichloromethane	6.56	83	249700	92.15	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	319936	102.82	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	582445	205.87	ug/L	99

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

42) Toluene	7.44	91	812952	98.77	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	295757	101.36	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	192934	95.60	ug/L	99
46) Tetrachloroethene	8.02	164	162190	103.48	ug/L	99
48) 2-Hexanone	8.20	43	490209	221.64	ug/L	99
49) Dibromochloromethane	8.30	129	212685	99.92	ug/L	100
50) 1,2-Dibromoethane	8.40	107	197744	95.34	ug/L	99
51) Chlorobenzene	8.93	112	525530	95.54	ug/L	99
52) Ethylbenzene	9.06	91	903273	100.01	ug/L	100
53) m,p-Xylene	9.19	106	344623	102.74	ug/L	100
54) o-xylene	9.59	106	344242	104.27	ug/L	98
55) Styrene	9.61	104	600601	106.05	ug/L	100
56) Isopropylbenzene	9.98	105	909766	103.22	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	349150	103.62	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	265979	97.76	ug/L	100
61) Bromoform	9.79	173	166248	95.94	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	449082	93.89	ug/L	100
63) 1,4-Dichlorobenzene	11.33	146	466917	93.02	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	486494	94.14	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	66501	80.42	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	366281	105.03	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	312966	110.12	ug/L	99
69) Naphthalene	13.56	128	887519	103.43	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	330288	105.94	ug/L	99

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

[illegible]