

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052718\
 Data File : VV006083.D
 Acq On : 27 May 2018 13:28
 Operator : SY/MD
 Sample : VSTD00570
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 27 23:57:56 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	261543	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	234186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	108234	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10556	5.59	ug/L	0.00
7) Chloroethane-d5	1.55	69	3564	3.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	20248	5.80	ug/L	0.00
21) 2-Butanone-d5	3.95	46	9294	8.93	ug/L	0.00
24) Chloroform-d	4.40	84	18330	5.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	12112	5.29	ug/L	0.00
32) Benzene-d6	5.10	84	36573	5.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	12404	5.97	ug/L	0.00
41) Toluene-d8	7.36	98	32426	5.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4478	4.78	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	7373	9.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	16382	5.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	13431	5.95	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	11644	5.21	ug/L	# 83
3) Chloromethane	1.26	50	12536	5.10	ug/L	96
5) Vinyl chloride	1.32	62	13133	5.94	ug/L	99
6) Bromomethane	1.51	94	5134	5.52	ug/L	98
8) Chloroethane	1.57	64	3722	3.32	ug/L	94
9) Trichlorofluoromethane	1.75	101	17574	5.76	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	10793	6.17	ug/L	98
12) 1,1-Dichloroethene	2.13	96	9789	6.08	ug/L	83
13) Acetone	2.20	43	14759	13.39	ug/L	98
14) Carbon disulfide	2.31	76	26227	5.55	ug/L	100
15) Methyl Acetate	2.46	43	13158	5.86	ug/L	97
16) Methylene chloride	2.53	84	10955	5.73	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	10376	6.01	ug/L	98
18) Methyl tert-butyl Ether	2.81	73	33718	5.81	ug/L	98
19) 1,1-Dichloroethane	3.22	63	18896	5.40	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	10726	5.27	ug/L	95
22) 2-Butanone	4.04	43	17200	11.11	ug/L	97
23) Bromochloromethane	4.30	128	5529	5.56	ug/L	97
25) Chloroform	4.43	83	18079	4.98	ug/L	93
27) 1,2-Dichloroethane	5.18	62	15315	5.21	ug/L	97
29) Cyclohexane	4.72	56	15542	5.45	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	15056	5.06	ug/L	96
31) Carbon tetrachloride	4.87	117	12769	4.97	ug/L	99
33) Benzene	5.15	78	42128	5.81	ug/L	100
34) Trichloroethene	5.96	95	11069	5.96	ug/L	93
35) Methylcyclohexane	6.18	83	15801	5.40	ug/L	98
37) 1,2-Dichloropropane	6.22	63	11591	5.93	ug/L	99
38) Bromodichloromethane	6.56	83	12521	5.05	ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	13856	4.87	ug/L	95
40) 4-Methyl-2-pentanone	7.28	43	26902	10.40	ug/L	98

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

42) Toluene	7.43	91	40834	5.42	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	12412	4.65	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	10656	5.77	ug/L	96
46) Tetrachloroethene	8.02	164	8880	6.19	ug/L	91
48) 2-Hexanone	8.20	43	21868	10.81	ug/L	96
49) Dibromochloromethane	8.30	129	9783	5.03	ug/L	94
50) 1,2-Dibromoethane	8.40	107	9979	5.26	ug/L	96
51) Chlorobenzene	8.93	112	27879	5.54	ug/L	98
52) Ethylbenzene	9.06	91	41658	5.04	ug/L	99
53) m,p-Xylene	9.19	106	15159	4.94	ug/L	99
54) o-xylene	9.59	106	15238	5.05	ug/L	96
55) Styrene	9.61	104	23753	4.59	ug/L	97
56) Isopropylbenzene	9.98	105	37953	4.71	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	17445	5.66	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	13624	5.47	ug/L	96
61) Bromoform	9.78	173	7024	5.44	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	19468	5.46	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	20732	5.54	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	21246	5.52	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2690	4.37	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	14023	5.40	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	9846	4.65	ug/L	98
69) Naphthalene	13.56	128	21054	3.29	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	10586	4.56	ug/L	98

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

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