

Data File : VV006041.D
Acq On : 25 May 2018 20:38
Operator : SY/MD
Sample : VSTD00561
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 01:02:04 2018
Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 26 00:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	181961	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169525	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71290	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6355	4.95	ug/L	0.00
7) Chloroethane-d5	1.58	69	4397	4.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	12335	5.22	ug/L	0.00
21) 2-Butanone-d5	3.95	46	6998	9.60	ug/L	0.00
24) Chloroform-d	4.40	84	11800	4.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	7956	5.04	ug/L	0.00
32) Benzene-d6	5.10	84	22021	4.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	7272	5.13	ug/L	0.00
41) Toluene-d8	7.36	98	19532	4.54	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2763	4.03	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	4497	7.77	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	9316	4.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	7202	5.04	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	9103m	5.63	ug/L	
3) Chloromethane	1.26	50	10332	6.24	ug/L	99
5) Vinyl chloride	1.32	62	7999	5.19	ug/L	100
6) Bromomethane	1.52	94	4300	6.16	ug/L	95
8) Chloroethane	1.59	64	5039	5.71	ug/L	96
9) Trichlorofluoromethane	1.77	101	12250	5.80	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	6736	5.64	ug/L	95
12) 1,1-Dichloroethene	2.14	96	6135	5.61	ug/L	95
13) Acetone	2.19	43	9566	13.39	ug/L	100
14) Carbon disulfide	2.32	76	18865	5.84	ug/L	97
15) Methyl Acetate	2.46	43	9027	6.00	ug/L	98
16) Methylene chloride	2.54	84	7833	6.01	ug/L	94
17) trans-1,2-Dichloroethene	2.79	96	6757	5.78	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	22349	5.61	ug/L	96
19) 1,1-Dichloroethane	3.23	63	13755	5.67	ug/L	98
20) cis-1,2-Dichloroethene	3.96	96	7871	5.54	ug/L	96
22) 2-Butanone	4.03	43	12100	11.37	ug/L	99
23) Bromochloromethane	4.30	128	3623	5.18	ug/L	96
25) Chloroform	4.43	83	14319	5.61	ug/L	96
27) 1,2-Dichloroethane	5.19	62	11535	5.59	ug/L	99
29) Cyclohexane	4.72	56	10905	5.26	ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	12117	5.51	ug/L	99
31) Carbon tetrachloride	4.88	117	10150	5.27	ug/L	98
33) Benzene	5.15	78	28438	5.33	ug/L	100
34) Trichloroethene	5.96	95	7469	5.59	ug/L	96
35) Methylcyclohexane	6.18	83	10544	4.91	ug/L	96
37) 1,2-Dichloropropane	6.23	63	7606	5.37	ug/L	# 93
38) Bromodichloromethane	6.56	83	9691	5.26	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	10143	4.75	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	18377	9.51	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	27482	4.89	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	9438	4.66	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	7243	5.42	ug/L	99
46) Tetrachloroethene	8.02	164	5651	5.69	ug/L	96
48) 2-Hexanone	8.19	43	13832	9.39	ug/L	94
49) Dibromochloromethane	8.29	129	6939	4.76	ug/L	100
50) 1,2-Dibromoethane	8.40	107	7425	5.38	ug/L	98
51) Chlorobenzene	8.93	112	19760	5.45	ug/L	98
52) Ethylbenzene	9.06	91	30175	4.84	ug/L	98
53) m,p-Xylene	9.19	106	10751	4.62	ug/L	96
54) o-xylene	9.59	106	10230	4.37	ug/L	100
55) Styrene	9.61	104	17054	4.24	ug/L	98
56) Isopropylbenzene	9.98	105	27788	4.48	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	11469	5.17	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	9482	5.24	ug/L	99
61) Bromoform	9.78	173	4417	5.15	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	12864	5.51	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	14216	5.84	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	13894	5.47	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	2260	5.35	ug/L	87
67) 1,3,5-Trichlorobenzene	12.70	180	9073	5.41	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	6547	4.66	ug/L	98
69) Naphthalene	13.56	128	17615	3.71	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	7521	4.85	ug/L	100

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

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