

Data File : VV006045.D
Acq On : 25 May 2018 22:21
Operator : SY/MD
Sample : VSTD20065
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 26 00:57:16 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	193828	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	186017	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95873	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	270005	197.63	ug/L	0.00
7) Chloroethane-d5	1.56	69	186631	192.18	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.13	63	492607	195.56	ug/L	0.00
21) 2-Butanone-d5	3.95	46	337385	434.49	ug/L	0.00
24) Chloroform-d	4.41	84	509762	196.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	328540	195.23	ug/L	0.00
32) Benzene-d6	5.10	84	990000	197.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	310410	199.67	ug/L	0.00
41) Toluene-d8	7.37	98	948331	201.06	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	161569	214.66	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	294341	463.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	445315	204.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	375205	195.31	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	319137	185.31	ug/L	100
3) Chloromethane	1.26	50	338663	192.04	ug/L	99
5) Vinyl chloride	1.32	62	313223	190.64	ug/L	100
6) Bromomethane	1.51	94	86835	116.77	ug/L	99
8) Chloroethane	1.58	64	168056	178.76	ug/L	99
9) Trichlorofluoromethane	1.76	101	417627	185.71	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	238649	187.44	ug/L	99
12) 1,1-Dichloroethene	2.14	96	223984	192.26	ug/L	92
13) Acetone	2.19	43	268146	352.42	ug/L	100
14) Carbon disulfide	2.31	76	678031	197.06	ug/L	99
15) Methyl Acetate	2.46	43	301505	188.27	ug/L	99
16) Methylene chloride	2.54	84	257842	185.67	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	237210	190.49	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	806633	190.03	ug/L	100
19) 1,1-Dichloroethane	3.23	63	491197	190.23	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	294803	194.96	ug/L	98
22) 2-Butanone	4.03	43	427221	376.72	ug/L	98
23) Bromochloromethane	4.30	128	143819	193.01	ug/L	99
25) Chloroform	4.43	83	516144	189.72	ug/L	99
27) 1,2-Dichloroethane	5.19	62	414252	188.32	ug/L	99
29) Cyclohexane	4.73	56	448988	197.36	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	457871	189.69	ug/L	99
31) Carbon tetrachloride	4.88	117	405073	191.49	ug/L	99
33) Benzene	5.15	78	1098482	187.50	ug/L	100
34) Trichloroethene	5.96	95	285791	195.08	ug/L	98
35) Methylcyclohexane	6.18	83	477618	202.61	ug/L	97
37) 1,2-Dichloropropane	6.23	63	294790	189.69	ug/L	99
38) Bromodichloromethane	6.56	83	393838	194.95	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	479380	204.46	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	831031	392.08	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1184315	192.00	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	454373	204.36	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	279346	190.64	ug/L	100
46) Tetrachloroethene	8.03	164	215140	197.53	ug/L	98
48) 2-Hexanone	8.19	43	658649	407.29	ug/L	97
49) Dibromochloromethane	8.30	129	321119	200.81	ug/L	99
50) 1,2-Dibromoethane	8.40	107	294714	194.51	ug/L	98
51) Chlorobenzene	8.93	112	777506	195.28	ug/L	100
52) Ethylbenzene	9.06	91	1361657	198.98	ug/L	99
53) m,p-Xylene	9.19	106	512994	201.00	ug/L	98
54) o-xylene	9.59	106	509433	198.31	ug/L	98
55) Styrene	9.61	104	891977	202.19	ug/L	100
56) Isopropylbenzene	9.98	105	1367774	201.02	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	475315	195.45	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	379791	191.14	ug/L	100
61) Bromoform	9.78	173	224945	195.00	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	613496	195.28	ug/L	99
63) 1,4-Dichlorobenzene	11.33	146	626095	191.30	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	630180	184.37	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	109307	192.50	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	454665	201.66	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	406650	215.32	ug/L	98
69) Naphthalene	13.56	128	1345638	210.98	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	419063	201.10	ug/L	100

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

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