

Data File : VV006042.D
Acq On : 25 May 2018 21:04
Operator : SY/MD
Sample : VSTD01062
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 26 00:54:48 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	181173	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168402	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	12525	9.81	ug/L	0.00
7) Chloroethane-d5	1.58	69	9186	10.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	23446	9.96	ug/L	0.00
21) 2-Butanone-d5	3.95	46	13845	19.08	ug/L	0.00
24) Chloroform-d	4.41	84	23741	9.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	15371	9.77	ug/L	0.00
32) Benzene-d6	5.11	84	43855	9.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	14047	9.98	ug/L	0.00
41) Toluene-d8	7.37	98	38955	9.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	6011	8.82	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	9502	16.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	19098	9.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	14130	9.89	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	16402	10.19	ug/L	91
3) Chloromethane	1.26	50	18586	11.28	ug/L	96
5) Vinyl chloride	1.32	62	16679	10.86	ug/L	97
6) Bromomethane	1.53	94	8337	11.99	ug/L	96
8) Chloroethane	1.60	64	9420	10.72	ug/L	99
9) Trichlorofluoromethane	1.77	101	22480	10.69	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	12573	10.56	ug/L	99
12) 1,1-Dichloroethene	2.14	96	11682	10.73	ug/L	100
13) Acetone	2.19	43	15849	22.28	ug/L	99
14) Carbon disulfide	2.32	76	33303	10.35	ug/L	99
15) Methyl Acetate	2.46	43	16874	11.27	ug/L	96
16) Methylene chloride	2.54	84	13931	10.73	ug/L	92
17) trans-1,2-Dichloroethene	2.79	96	12551	10.78	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	42287	10.66	ug/L	98
19) 1,1-Dichloroethane	3.23	63	25727	10.66	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	14660	10.37	ug/L	97
22) 2-Butanone	4.04	43	21875	20.64	ug/L	96
23) Bromochloromethane	4.31	128	7437	10.68	ug/L	97
25) Chloroform	4.44	83	26955	10.60	ug/L	97
27) 1,2-Dichloroethane	5.19	62	22633	11.01	ug/L	99
29) Cyclohexane	4.73	56	20379	9.89	ug/L	98
30) 1,1,1-Trichloroethane	4.67	97	22908	10.48	ug/L	98
31) Carbon tetrachloride	4.88	117	19541	10.20	ug/L	99
33) Benzene	5.15	78	54255	10.23	ug/L	100
34) Trichloroethene	5.96	95	13947	10.52	ug/L	98
35) Methylcyclohexane	6.18	83	20230	9.48	ug/L	99
37) 1,2-Dichloropropane	6.23	63	14909	10.60	ug/L	99
38) Bromodichloromethane	6.56	83	18458	10.09	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	19793	9.33	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	37341	19.46	ug/L	98

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42) Toluene	7.44	91	56292	10.08	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	18578	9.23	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	14163	10.68	ug/L	95
46) Tetrachloroethene	8.03	164	10458	10.61	ug/L	92
48) 2-Hexanone	8.19	43	27798	18.99	ug/L	96
49) Dibromochloromethane	8.30	129	14254	9.85	ug/L	96
50) 1,2-Dibromoethane	8.40	107	14194	10.35	ug/L	98
51) Chlorobenzene	8.93	112	38267	10.62	ug/L	98
52) Ethylbenzene	9.06	91	57583	9.29	ug/L	98
53) m,p-Xylene	9.19	106	20995	9.09	ug/L	99
54) o-xylene	9.59	106	21203	9.12	ug/L	97
55) Styrene	9.61	104	35176	8.81	ug/L	99
56) Isopropylbenzene	9.98	105	55090	8.94	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	22711	10.32	ug/L	98
59) 1,2,3-Trichloropropane	10.33	75	18886	10.50	ug/L	98
61) Bromoform	9.78	173	9031	10.52	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	24515	10.49	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	25416	10.44	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	27356	10.76	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	4469	10.58	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	16630	9.92	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	13072	9.30	ug/L	100
69) Naphthalene	13.56	128	36852	7.77	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	15066	9.72	ug/L	96

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

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