

Data File : VV006044.D
Acq On : 25 May 2018 21:56
Operator : SY/MD
Sample : VSTD10064
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 26 00:56:35 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	193832	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	182572	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135837	99.42	ug/L	0.00
7) Chloroethane-d5	1.57	69	96281	99.14	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	248059	98.47	ug/L	0.00
21) 2-Butanone-d5	3.95	46	154178	198.55	ug/L	0.00
24) Chloroform-d	4.41	84	256414	98.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	166352	98.85	ug/L	0.00
32) Benzene-d6	5.10	84	499829	101.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	156800	102.76	ug/L	0.00
41) Toluene-d8	7.37	98	473639	102.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	77092	104.35	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	136857	219.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	219247	102.35	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	177262	98.93	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	158205	91.86	ug/L	99
3) Chloromethane	1.26	50	168148	95.35	ug/L	100
5) Vinyl chloride	1.32	62	155148	94.43	ug/L	99
6) Bromomethane	1.52	94	65777	88.45	ug/L	98
8) Chloroethane	1.59	64	85763	91.22	ug/L	99
9) Trichlorofluoromethane	1.76	101	213371	94.88	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	120477	94.62	ug/L	99
12) 1,1-Dichloroethene	2.14	96	111296	95.53	ug/L	94
13) Acetone	2.19	43	138228	181.67	ug/L	100
14) Carbon disulfide	2.32	76	331431	96.32	ug/L	99
15) Methyl Acetate	2.46	43	153477	95.84	ug/L	99
16) Methylene chloride	2.54	84	128985	92.88	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	117793	94.59	ug/L	99
18) Methyl tert-butyl Ether	2.81	73	403605	95.08	ug/L	100
19) 1,1-Dichloroethane	3.23	63	244508	94.69	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	145290	96.08	ug/L	97
22) 2-Butanone	4.03	43	214740	189.35	ug/L	99
23) Bromochloromethane	4.31	128	71115	95.44	ug/L	99
25) Chloroform	4.43	83	259503	95.38	ug/L	99
27) 1,2-Dichloroethane	5.19	62	208554	94.81	ug/L	100
29) Cyclohexane	4.73	56	221112	99.03	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	229649	96.94	ug/L	99
31) Carbon tetrachloride	4.88	117	200189	96.42	ug/L	99
33) Benzene	5.15	78	550511	95.74	ug/L	100
34) Trichloroethene	5.96	95	140145	97.47	ug/L	98
35) Methylcyclohexane	6.18	83	234317	101.27	ug/L	98
37) 1,2-Dichloropropane	6.23	63	144322	94.62	ug/L	100
38) Bromodichloromethane	6.56	83	192870	97.27	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	230402	100.12	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	407818	196.04	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	587685	97.07	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	217663	99.74	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	138787	96.50	ug/L	100
46) Tetrachloroethene	8.03	164	105824	98.99	ug/L	99
48) 2-Hexanone	8.19	43	313268	197.37	ug/L	99
49) Dibromochloromethane	8.30	129	155136	98.84	ug/L	99
50) 1,2-Dibromoethane	8.40	107	144688	97.29	ug/L	98
51) Chlorobenzene	8.93	112	375992	96.22	ug/L	100
52) Ethylbenzene	9.06	91	665263	99.05	ug/L	99
53) m,p-Xylene	9.19	106	249079	99.43	ug/L	100
54) o-xylene	9.59	106	244480	96.97	ug/L	100
55) Styrene	9.61	104	428805	99.03	ug/L	100
56) Isopropylbenzene	9.98	105	662208	99.16	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	230734	96.67	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	187298	96.04	ug/L	100
61) Bromoform	9.78	173	103927	96.59	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	283202	96.65	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	291329	95.44	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	299222	93.86	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	50910	96.13	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	207161	98.51	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	180998	102.75	ug/L	99
69) Naphthalene	13.56	128	618972	104.05	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	193786	99.70	ug/L	99

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

Abundance

TIC: VV006044.D

Time-->

1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00 17.00

1,1-Dichloroethane, T
Vinyl Chloride, T
Trichlorofluoromethane, T
Carbon disulfide, T
Methylene chloride, T
1,1-Dichloroethane, T
2-Butanone, T
Bromochloromethane, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
Benzene, T
1,4-Difluorobenzene, T
Trichloroethene, T
1,2-Dichloropropane, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
trans-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
2-Hexanone, T
1,2-Dibromomethane, T
Chlorobenzene, T
m,p-Xylene, T
Ethylbenzene, T
Styrene, T
Isopropylbenzene, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
1,2-Dibromo-3-chloropropane, T
1,3,5-Trichlorobenzene, T
1,2,4-trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T