

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050118\
 Data File : VU023548.D
 Acq On : 01 May 2018 11:47
 Operator : MD/SY
 Sample : VSTD10060
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 02 02:18:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 02 02:16:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	342412	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	328170	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	173323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	240428	108.94	ug/L	0.00
7) Chloroethane-d5	1.68	69	183202	104.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	466812	103.40	ug/L	0.00
21) 2-Butanone-d5	4.18	46	366068	191.50	ug/L	0.00
24) Chloroform-d	4.65	84	419009	96.96	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	279062	96.42	ug/L	0.00
32) Benzene-d6	5.35	84	907230	98.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	302263	96.33	ug/L	0.00
41) Toluene-d8	7.57	98	860707	102.60	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	137464	102.60	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	260697	189.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	393420	95.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	339487	95.70	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	332161	99.08	ug/L	99
3) Chloromethane	1.33	50	357391	84.99	ug/L	100
5) Vinyl chloride	1.40	62	343180	97.95	ug/L	98
6) Bromomethane	1.62	94	186422	113.35	ug/L	99
8) Chloroethane	1.70	64	195379	96.57	ug/L	99
9) Trichlorofluoromethane	1.89	101	384599	98.27	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	248299	99.16	ug/L	99
12) 1,1-Dichloroethene	2.28	96	230160	100.08	ug/L	91
13) Acetone	2.32	43	433166	230.97	ug/L	100
14) Carbon disulfide	2.48	76	798144	102.21	ug/L	99
15) Methyl Acetate	2.62	43	312590	93.84	ug/L	100
16) Methylene chloride	2.70	84	278897	92.98	ug/L	99
17) trans-1,2-Dichloroethene	2.99	96	254838	101.49	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	781449	100.03	ug/L	100
19) 1,1-Dichloroethane	3.45	63	494898	96.21	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	285110	101.58	ug/L	99
22) 2-Butanone	4.26	43	521578	210.52	ug/L	98
23) Bromochloromethane	4.55	128	140786	99.40	ug/L	99
25) Chloroform	4.68	83	491901	99.33	ug/L	98
27) 1,2-Dichloroethane	5.41	62	381698	96.43	ug/L	99
29) Cyclohexane	5.00	56	489962	100.04	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	387525	95.96	ug/L	100
31) Carbon tetrachloride	5.14	117	342967	98.33	ug/L	99
33) Benzene	5.39	78	1097647	96.09	ug/L	100
34) Trichloroethene	6.19	95	275704	99.77	ug/L	99
35) Methylcyclohexane	6.42	83	460769	98.51	ug/L	100
37) 1,2-Dichloropropane	6.44	63	310130	95.23	ug/L	99
38) Bromodichloromethane	6.76	83	353647	97.60	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	458486	102.51	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	825552	193.22	ug/L	100

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42) Toluene	7.64	91	1156806	100.83	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	412654	102.88	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	260792	95.95	ug/L	100
46) Tetrachloroethene	8.23	164	226589	102.95	ug/L	99
48) 2-Hexanone	8.36	43	707752	205.28	ug/L	99
49) Dibromochloromethane	8.48	129	288741	101.96	ug/L	100
50) 1,2-Dibromoethane	8.59	107	269357	96.94	ug/L	99
51) Chlorobenzene	9.12	112	743383	101.10	ug/L	99
52) Ethylbenzene	9.25	91	1275802	103.87	ug/L	100
53) m,p-Xylene	9.38	106	490428	107.20	ug/L	100
54) o-xylene	9.78	106	468674	104.39	ug/L	97
55) Styrene	9.80	104	826200	108.06	ug/L	99
56) Isopropylbenzene	10.17	105	1223020	104.56	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	439224	94.83	ug/L	99
59) 1,2,3-Trichloropropane	10.50	75	344616	92.51	ug/L	99
61) Bromoform	9.96	173	210994	94.66	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	588066	100.06	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	605087	99.28	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	591223	95.01	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	91493	88.80	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	491963	104.19	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	444202	108.35	ug/L	99
69) Naphthalene	13.74	128	1327173	103.53	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	450284	101.59	ug/L	100

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

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