

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U113018\
 Data File : VU028411.D
 Acq On : 30 Nov 2018 10:13
 Operator : MD/SY
 Sample : VSTD10056
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10056

Quant Time: Nov 30 22:54:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 22:49:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	479891	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	463352	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	228186	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	444448	103.52	ug/L	0.00
7) Chloroethane-d5	1.68	69	338162	102.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	779175	102.05	ug/L	0.00
21) 2-Butanone-d5	4.17	46	737395	209.27	ug/L	0.00
24) Chloroform-d	4.65	84	709762	102.47	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	464473	98.47	ug/L	0.00
32) Benzene-d6	5.34	84	1468048	101.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	525069	100.89	ug/L	0.00
41) Toluene-d8	7.57	98	1324043	101.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	239975	102.11	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	525548	209.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	685542	103.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	467555	101.88	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	429337	100.057 ug/L	99
3) Chloromethane	1.33	50	640297	103.275 ug/L	100
5) Vinyl chloride	1.40	62	533763	100.659 ug/L	99
6) Bromomethane	1.62	94	147378	98.739 ug/L	100
8) Chloroethane	1.69	64	298033	100.114 ug/L	98
9) Trichlorofluoromethane	1.88	101	534168	98.912 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	308806	98.505 ug/L	99
12) 1,1-Dichloroethene	2.28	96	303525	100.226 ug/L	86
13) Acetone	2.32	43	648070	176.795 ug/L	98
14) Carbon disulfide	2.48	76	1148660	100.186 ug/L	99
15) Methyl Acetate	2.61	43	531318	97.972 ug/L	99
16) Methylene chloride	2.70	84	392313	100.072 ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	344520	100.384 ug/L	98
18) Methyl tert-butyl Ether	3.00	73	1189205	99.714 ug/L	99
19) 1,1-Dichloroethane	3.45	63	745286	100.528 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	398863	101.048 ug/L	96
22) 2-Butanone	4.26	43	888162	193.547 ug/L	99
23) Bromochloromethane	4.55	128	173626	100.547 ug/L	97
25) Chloroform	4.67	83	677926	99.873 ug/L	98
27) 1,2-Dichloroethane	5.40	62	560801	99.799 ug/L	99
29) Cyclohexane	5.00	56	746669	99.294 ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	546713	99.682 ug/L	99
31) Carbon tetrachloride	5.13	117	439014	99.380 ug/L	99
33) Benzene	5.39	78	1585217	99.596 ug/L	100
34) Trichloroethene	6.19	95	381412	100.219 ug/L	99
35) Methylcyclohexane	6.41	83	659639	99.569 ug/L	100
37) 1,2-Dichloropropane	6.43	63	462686	98.042 ug/L	100
38) Bromodichloromethane	6.76	83	520428	99.384 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	688714	102.782 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	1479018	198.168 ug/L	99

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42) Toluene	7.64	91	1628034	100.506	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	629724	102.561	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	366393	99.837	ug/L	98
46) Tetrachloroethene	8.22	164	269383	100.654	ug/L	99
48) 2-Hexanone	8.36	43	1209740	192.925	ug/L	100
49) Dibromochloromethane	8.48	129	376630	100.328	ug/L	97
50) 1,2-Dibromoethane	8.58	107	392128	99.404	ug/L	97
51) Chlorobenzene	9.12	112	964527	99.820	ug/L	99
52) Ethylbenzene	9.25	91	1802143	100.716	ug/L	99
53) m,p-Xylene	9.37	106	652033	102.169	ug/L	98
54) o-xylene	9.78	106	642961	101.716	ug/L	100
55) Styrene	9.79	104	1120218	103.436	ug/L	98
56) Isopropylbenzene	10.17	105	1682096	100.871	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	686543	100.286	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	532358	99.377	ug/L	100
61) Bromoform	9.96	173	277457	98.849	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	737838	99.210	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	746943	99.733	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	734056	99.439	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	148100	99.588	ug/L	98
67) 1,3,5-Trichlorobenzene	12.89	180	554144	101.285	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	517980	101.653	ug/L	99
69) Naphthalene	13.74	128	1831262	103.066	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	525967	102.473	ug/L	99

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

