

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026637.D
 Acq On : 10 Sep 2018 09:18
 Operator : MD/SY
 Sample : VSTD10051
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10051

Quant Time: Sep 11 04:22:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 11 04:12:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	199617	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	190537	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102608	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	150981	101.49	ug/L	0.00
7) Chloroethane-d5	1.67	69	122618	102.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	274416	103.08	ug/L	0.00
21) 2-Butanone-d5	4.17	46	193626	209.17	ug/L	0.00
24) Chloroform-d	4.65	84	252469	102.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	161510	99.77	ug/L	0.00
32) Benzene-d6	5.34	84	511893	103.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	170655	103.12	ug/L	0.00
41) Toluene-d8	7.57	98	486508	105.14	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	82317	106.99	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	154519	228.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	235931	104.13	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	204769	100.11	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	133131	105.95	ug/L	100
3) Chloromethane	1.33	50	172469	104.42	ug/L	98
5) Vinyl chloride	1.40	62	180941	106.01	ug/L	100
6) Bromomethane	1.62	94	106275	106.85	ug/L	98
8) Chloroethane	1.69	64	111507	105.34	ug/L	100
9) Trichlorofluoromethane	1.88	101	231819	107.71	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	131804	107.54	ug/L	100
12) 1,1-Dichloroethene	2.28	96	123972	105.33	ug/L	95
13) Acetone	2.32	43	213066	202.09	ug/L	100
14) Carbon disulfide	2.48	76	397248	103.91	ug/L	99
15) Methyl Acetate	2.61	43	157120	104.46	ug/L	99
16) Methylene chloride	2.70	84	146194	105.25	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	132127	105.94	ug/L	99
18) Methyl tert-butyl Ether	3.00	73	420623	109.45	ug/L	100
19) 1,1-Dichloroethane	3.45	63	257510	106.46	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	152214	108.35	ug/L	96
22) 2-Butanone	4.26	43	260862	216.09	ug/L	100
23) Bromochloromethane	4.55	128	76951	107.10	ug/L	97
25) Chloroform	4.67	83	257571	105.95	ug/L	99
27) 1,2-Dichloroethane	5.40	62	206897	107.17	ug/L	100
29) Cyclohexane	5.00	56	238665	114.35	ug/L	99
30) 1,1,1-Trichloroethane	4.92	97	215905	106.96	ug/L	99
31) Carbon tetrachloride	5.14	117	197720	108.37	ug/L	99
33) Benzene	5.39	78	574888	107.74	ug/L	100
34) Trichloroethene	6.19	95	142965	107.80	ug/L	99
35) Methylcyclohexane	6.42	83	245254	115.53	ug/L	99
37) 1,2-Dichloropropane	6.43	63	162646	109.11	ug/L	100
38) Bromodichloromethane	6.76	83	197424	108.08	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	248440	112.63	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	427437	224.80	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091018\
 Data File : VU026637.D
 Acq On : 10 Sep 2018 09:18
 Operator : MD/SY
 Sample : VSTD10051
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10051

Quant Time: Sep 11 04:22:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 11 04:12:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	612030	110.67	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	230657	112.41	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	142409	107.71	ug/L	98
46) Tetrachloroethene	8.23	164	119643	107.34	ug/L	98
48) 2-Hexanone	8.36	43	363498	226.43	ug/L	98
49) Dibromochloromethane	8.48	129	168514	110.26	ug/L	98
50) 1,2-Dibromoethane	8.59	107	154234	109.04	ug/L	99
51) Chlorobenzene	9.12	112	396639	109.23	ug/L	99
52) Ethylbenzene	9.25	91	678073	113.37	ug/L	100
53) m,p-Xylene	9.38	106	260311	115.43	ug/L	97
54) o-xylene	9.78	106	258122	115.33	ug/L	99
55) Styrene	9.79	104	444099	117.30	ug/L	99
56) Isopropylbenzene	10.17	105	671645	117.80	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	249283	108.83	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	189025	107.18	ug/L	100
61) Bromoform	9.96	173	130278	103.07	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	316613	107.46	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	325741	104.37	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	331491	106.46	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	53211	105.78	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	258435	110.58	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	233773	115.09	ug/L	99
69) Naphthalene	13.74	128	738566	118.66	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	246277	111.93	ug/L	99

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

