

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100119\
 Data File : VU034886.D
 Acq On : 30 Sep 2019 18:29
 Operator : JC/SP
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10035

Quant Time: Oct 01 02:40:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	340505	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	334234	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	160579	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	235301	71.78	ug/L	0.00
7) Chloroethane-d5	1.67	69	199510	78.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	420433	75.06	ug/L	0.00
21) 2-Butanone-d5	4.15	46	505714	195.15	ug/L	0.00
24) Chloroform-d	4.62	84	479868	96.38	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	341857	93.17	ug/L	0.00
32) Benzene-d6	5.32	84	924913	91.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	315921	89.93	ug/L	0.00
41) Toluene-d8	7.54	98	881764	91.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	153226	91.97	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	338645	192.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	464871	94.15	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	317424	94.76	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	190181	58.798	ug/L	99
3) Chloromethane	1.32	50	163500	43.637	ug/L	98
5) Vinyl chloride	1.40	62	167747	48.795	ug/L	99
6) Bromomethane	1.61	94	85797	45.987	ug/L	97
8) Chloroethane	1.68	64	106570	53.446	ug/L	100
9) Trichlorofluoromethane	1.87	101	250869	56.492	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	157271	71.550	ug/L	100
12) 1,1-Dichloroethene	2.27	96	126221	61.622	ug/L	90
13) Acetone	2.31	43	356524	122.790	ug/L	98
14) Carbon disulfide	2.46	76	207408	32.067	ug/L	100
15) Methyl Acetate	2.60	43	303761	77.006	ug/L	100
16) Methylene chloride	2.68	84	181997	68.568	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	133472	59.812	ug/L	94
18) Methyl tert-butyl Ether	2.98	73	733215	83.918	ug/L	99
19) 1,1-Dichloroethane	3.42	63	380362	71.949	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	195534	72.556	ug/L	97
22) 2-Butanone	4.23	43	510804	146.928	ug/L	99
23) Bromochloromethane	4.52	128	91109	70.922	ug/L	97
25) Chloroform	4.65	83	411255	77.743	ug/L	100
27) 1,2-Dichloroethane	5.38	62	333537	74.358	ug/L	99
29) Cyclohexane	4.97	56	243860	49.396	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	317304	73.253	ug/L	99
31) Carbon tetrachloride	5.11	117	249533	68.794	ug/L	97
33) Benzene	5.37	78	721189	66.810	ug/L	100
34) Trichloroethene	6.16	95	176888	66.126	ug/L	97
35) Methylcyclohexane	6.39	83	228693	52.159	ug/L	99
37) 1,2-Dichloropropane	6.41	63	241450	74.021	ug/L	99
38) Bromodichloromethane	6.73	83	319202	79.825	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	363461	74.016	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	1014497	160.839	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100119\
 Data File : VU034886.D
 Acq On : 30 Sep 2019 18:29
 Operator : JC/SP
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10035

Quant Time: Oct 01 02:40:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	780878	67.059	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	341015	77.738	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	226457	84.328	ug/L	98
46) Tetrachloroethene	8.21	164	115109	61.857	ug/L	96
48) 2-Hexanone	8.34	43	766725	156.856	ug/L	98
49) Dibromochloromethane	8.45	129	248887	83.780	ug/L	99
50) 1,2-Dibromoethane	8.56	107	218344	77.317	ug/L	98
51) Chlorobenzene	9.10	112	518294	72.016	ug/L	97
52) Ethylbenzene	9.23	91	922175	69.750	ug/L	100
53) m,p-Xylene	9.35	106	324915	69.782	ug/L	97
54) o-xylene	9.76	106	341919	73.479	ug/L	97
55) Styrene	9.77	104	611803	77.255	ug/L	100
56) Isopropylbenzene	10.14	105	956311	75.699	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	458824	88.390	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	363761	86.523	ug/L	99
61) Bromoform	9.94	173	187294	87.313	ug/L	97
62) 1,3-Dichlorobenzene	11.39	146	425649	79.115	ug/L	99
63) 1,4-Dichlorobenzene	11.48	146	424774	77.639	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	450207	81.920	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.63	75	105948	90.671	ug/L	99
67) 1,3,5-Trichlorobenzene	12.86	180	306839	83.937	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	270994	94.842	ug/L	97
69) Naphthalene	13.72	128	993440	100.795	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	283330	95.215	ug/L	99

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

