

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100319\
 Data File : VU034913.D
 Acq On : 03 Oct 2019 12:22
 Operator : JC/SP
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

Quant Time: Oct 04 05:11:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 05:07:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	422618	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	408426	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	198840	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	165120	50.80	ug/L	0.00
7) Chloroethane-d5	1.67	69	126877	46.79	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	298468	51.60	ug/L	0.00
21) 2-Butanone-d5	4.15	46	255003	118.64	ug/L	0.00
24) Chloroform-d	4.62	84	279602	51.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	185866	52.64	ug/L	0.00
32) Benzene-d6	5.32	84	585844	55.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	188557	55.91	ug/L	0.00
41) Toluene-d8	7.54	98	545828	55.53	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	89115	54.75	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	182519	118.42	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	268236	53.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	198508	53.89	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	181487	43.962	ug/L	100
3) Chloromethane	1.32	50	205736	49.348	ug/L	100
5) Vinyl chloride	1.40	62	194321	41.753	ug/L	100
6) Bromomethane	1.62	94	109966	37.931	ug/L	100
8) Chloroethane	1.69	64	112901	40.587	ug/L	100
9) Trichlorofluoromethane	1.87	101	226074	37.758	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	129047	45.625	ug/L	100
12) 1,1-Dichloroethene	2.27	96	126521	45.656	ug/L	100
13) Acetone	2.31	43	245944	95.533	ug/L	100
14) Carbon disulfide	2.46	76	407670	47.253	ug/L	100
15) Methyl Acetate	2.60	43	188499	54.814	ug/L	100
16) Methylene chloride	2.68	84	155819	48.136	ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	139690	47.799	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	470485	51.399	ug/L	100
19) 1,1-Dichloroethane	3.42	63	280935	49.561	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	158121	47.988	ug/L	100
22) 2-Butanone	4.23	43	301418	104.394	ug/L	100
23) Bromochloromethane	4.52	128	79394	47.215	ug/L	100
25) Chloroform	4.65	83	286147	47.765	ug/L	100
27) 1,2-Dichloroethane	5.38	62	232290	49.872	ug/L	100
29) Cyclohexane	4.97	56	255769	55.239	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	230803	47.878	ug/L	100
31) Carbon tetrachloride	5.11	117	200759	47.742	ug/L	100
33) Benzene	5.37	78	631390	51.727	ug/L	100
34) Trichloroethene	6.16	95	156971	49.442	ug/L	100
35) Methylcyclohexane	6.39	83	252503	51.685	ug/L	100
37) 1,2-Dichloropropane	6.41	63	171949	51.794	ug/L	100
38) Bromodichloromethane	6.73	83	207459	49.190	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	265871	51.839	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	533361	116.049	ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100319\
 Data File : VU034913.D
 Acq On : 03 Oct 2019 12:22
 Operator : JC/SP
 Sample : VSTD05035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

Quant Time: Oct 04 05:11:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 05:07:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	671615	51.300	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	236480	51.873	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	152137	49.122	ug/L	100
46) Tetrachloroethene	8.21	164	122542	49.853	ug/L	100
48) 2-Hexanone	8.34	43	430168	115.455	ug/L	100
49) Dibromochloromethane	8.45	129	166059	48.234	ug/L	100
50) 1,2-Dibromoethane	8.56	107	165668	49.143	ug/L	100
51) Chlorobenzene	9.10	112	418627	49.222	ug/L	100
52) Ethylbenzene	9.23	91	737659	52.477	ug/L	100
53) m,p-Xylene	9.35	106	275095	51.885	ug/L	100
54) o-xylene	9.76	106	271746	51.690	ug/L	100
55) Styrene	9.77	104	459792	51.782	ug/L	100
56) Isopropylbenzene	10.14	105	709244	52.268	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	274853	50.264	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	219821	50.984	ug/L	100
61) Bromoform	9.94	173	122061	49.230	ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	309877	49.601	ug/L	100
63) 1,4-Dichlorobenzene	11.48	146	306199	47.352	ug/L	100
65) 1,2-Dichlorobenzene	11.85	146	312744	49.050	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.63	75	56746	46.833	ug/L	100
67) 1,3,5-Trichlorobenzene	12.86	180	215340	48.292	ug/L	100
68) 1,2,4-trichlorobenzene	13.48	180	166751	43.776	ug/L	100
69) Naphthalene	13.72	128	511976	42.558	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	171545	41.606	ug/L	100

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

