

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020620\
 Data File : VU036679.D
 Acq On : 06 Feb 2020 11:29
 Operator : JC/MD
 Sample : VSTD00531
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005101

Quant Time: Feb 07 04:31:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 04:29:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	269465	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	252277	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	111227	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	8685	3.60	ug/L	0.00
7) Chloroethane-d5	1.93	69	8304	3.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	16687	4.13	ug/L	0.00
21) 2-Butanone-d5	4.68	46	14702	10.44	ug/L	0.00
24) Chloroform-d	5.11	84	15305	3.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	11096	4.58	ug/L	0.00
32) Benzene-d6	5.76	84	31755	4.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	10515	4.54	ug/L	0.00
41) Toluene-d8	7.93	98	28747	4.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	4773	4.33	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	10598	10.63	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.78	84	14694	4.41	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.21	152	10095	4.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	9465	3.746	ug/L 100
3) Chloromethane	1.54	50	11220	4.177	ug/L 99
5) Vinyl chloride	1.62	62	12336	4.255	ug/L 99
6) Bromomethane	1.87	94	7879	3.916	ug/L 89
8) Chloroethane	1.95	64	8288	3.964	ug/L 89
9) Trichlorofluoromethane	2.16	101	14483	3.924	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	8855	4.778	ug/L 98
12) 1,1-Dichloroethene	2.61	96	8397	4.566	ug/L 92
13) Acetone	2.66	43	19691	14.432	ug/L 99
14) Carbon disulfide	2.82	76	24926	4.340	ug/L 98
15) Methyl Acetate	2.99	43	11787	5.274	ug/L 100
16) Methylene chloride	3.08	84	10984	5.199	ug/L 95
17) trans-1,2-Dichloroethene	3.39	96	8873	4.641	ug/L 98
18) Methyl tert-butyl Ether	3.41	73	31557	5.392	ug/L 99
19) 1,1-Dichloroethane	3.91	63	17901	4.835	ug/L 96
20) cis-1,2-Dichloroethene	4.71	96	9870	4.659	ug/L 98
22) 2-Butanone	4.76	43	20543	12.471	ug/L 96
23) Bromochloromethane	5.02	128	4748	4.432	ug/L 97
25) Chloroform	5.13	83	17601	4.601	ug/L 99
27) 1,2-Dichloroethane	5.84	62	14786	4.944	ug/L 100
29) Cyclohexane	5.43	56	16953	5.947	ug/L 99
30) 1,1,1-Trichloroethane	5.36	97	13586	4.474	ug/L 96
31) Carbon tetrachloride	5.57	117	11300	4.258	ug/L 99
33) Benzene	5.81	78	39635	5.146	ug/L 100
34) Trichloroethene	6.58	95	9491	4.692	ug/L 91
35) Methylcyclohexane	6.80	83	17572	5.817	ug/L 99
37) 1,2-Dichloropropane	6.83	63	10574	5.033	ug/L # 96
38) Bromodichloromethane	7.14	83	12450	4.634	ug/L # 95
39) cis-1,3-Dichloropropene	7.64	75	15733	5.024	ug/L 99
40) 4-Methyl-2-pentanone	7.83	43	31775	11.542	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU020620\
 Data File : VU036679.D
 Acq On : 06 Feb 2020 11:29
 Operator : JC/MD
 Sample : VSTD00531
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005101

Quant Time: Feb 07 04:31:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM020620W.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 07 04:29:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	42419	5.219	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	13613	4.790	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	9635	4.875	ug/L	97
46) Tetrachloroethene	8.58	164	7194	4.660	ug/L	96
48) 2-Hexanone	8.72	43	26693	12.590	ug/L	98
49) Dibromochloromethane	8.84	129	8956	4.161	ug/L	100
50) 1,2-Dibromoethane	8.95	107	9775	4.742	ug/L	96
51) Chlorobenzene	9.47	112	25801	4.926	ug/L	98
52) Ethylbenzene	9.60	91	45937	5.328	ug/L	99
53) m,p-Xylene	9.72	106	16398	5.121	ug/L	96
54) o-xylene	10.12	106	16784	5.323	ug/L	95
55) Styrene	10.14	104	25475	4.785	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.81	83	16455	4.905	ug/L	98
59) Bromoform	10.32	173	5877	4.210	ug/L #	98
60) 1,2,3-Trichloropropane	10.85	75	14101	6.060	ug/L	98
61) Isopropylbenzene	10.51	105	43266	6.058	ug/L	99
62) 1,3,5-Trimethylbenzene	11.11	105	36220	6.211	ug/L	98
63) 1,2,4-Trimethylbenzene	11.49	105	36358	6.295	ug/L	100
64) 1,3-Dichlorobenzene	11.77	146	17652	5.110	ug/L	97
65) 1,4-Dichlorobenzene	11.86	146	18264	5.173	ug/L	97
67) 1,2-Dichlorobenzene	12.23	146	18652	5.309	ug/L	99
68) 1,2-Dibromo-3-chloropropan	13.01	75	3583	5.471	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.23	180	11977	4.665	ug/L	98
70) 1,2,4-trichlorobenzene	13.85	180	8768	4.136	ug/L	100
71) Naphthalene	14.10	128	26094	3.994	ug/L	100
72) 1,2,3-Trichlorobenzene	14.34	180	8904	4.066	ug/L	96

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

