

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081319\
 Data File : VU033779.D
 Acq On : 13 Aug 2019 10:53
 Operator : JC/SP
 Sample : VSTD20031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20031

Quant Time: Aug 14 01:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM081319W.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 01:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	459186	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	454342	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	246252	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	862828	206.15	ug/L	0.00
7) Chloroethane-d5	1.67	69	1079510	309.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.25	63	1417373	191.87	ug/L	0.00
21) 2-Butanone-d5	4.16	46	1046956	440.54	ug/L	0.00
24) Chloroform-d	4.62	84	1349217	213.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	834705	205.87	ug/L	0.00
32) Benzene-d6	5.31	84	2706252	219.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	864965	225.75	ug/L	0.00
41) Toluene-d8	7.55	98	2599119	224.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	434510	232.63	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	829965	521.54	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.41	84	1225419	210.06	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.84	152	1023879	213.85	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	869394	189.328	ug/L	98
3) Chloromethane	1.32	50	889526	193.758	ug/L	99
5) Vinyl chloride	1.39	62	1004586	192.429	ug/L	98
6) Bromomethane	1.62	94	665865	172.925	ug/L	97
8) Chloroethane	1.68	64	1026821	319.488	ug/L	99
9) Trichlorofluoromethane	1.87	101	1303786	191.819	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	617113	181.704	ug/L	99
12) 1,1-Dichloroethene	2.27	96	620313	188.568	ug/L	98
13) Acetone	2.32	43	718584	308.179	ug/L	99
14) Carbon disulfide	2.46	76	1947448	193.752	ug/L	100
15) Methyl Acetate	2.60	43	704248	186.190	ug/L	99
16) Methylene chloride	2.68	84	695633	188.649	ug/L	99
17) trans-1,2-Dichloroethene	2.96	96	657878	196.313	ug/L	99
18) Methyl tert-butyl Ether	2.98	73	2077674	211.189	ug/L	99
19) 1,1-Dichloroethane	3.42	63	1228061	195.288	ug/L	98
20) cis-1,2-Dichloroethene	4.20	96	742076	201.680	ug/L	98
22) 2-Butanone	4.24	43	1063563	381.084	ug/L	100
23) Bromochloromethane	4.52	128	379363	193.627	ug/L	98
25) Chloroform	4.65	83	1252510	188.646	ug/L	100
27) 1,2-Dichloroethane	5.38	62	998364	192.892	ug/L	98
29) Cyclohexane	4.97	56	1111823	222.432	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	1073497	197.703	ug/L	99
31) Carbon tetrachloride	5.11	117	971944	201.234	ug/L	99
33) Benzene	5.36	78	2764428	202.233	ug/L	100
34) Trichloroethene	6.16	95	725255	203.586	ug/L	99
35) Methylcyclohexane	6.40	83	1185238	218.022	ug/L	97
37) 1,2-Dichloropropane	6.41	63	747456	202.888	ug/L	100
38) Bromodichloromethane	6.73	83	958946	198.426	ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	1231430	225.086	ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	2005956	417.683	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081319\
 Data File : VU033779.D
 Acq On : 13 Aug 2019 10:53
 Operator : JC/SP
 Sample : VSTD20031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20031

Quant Time: Aug 14 01:37:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM081319W.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 01:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	3055476	208.635	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	1096556	220.521	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	687004	196.388	ug/L	100
46) Tetrachloroethene	8.21	164	587847	202.256	ug/L	99
48) 2-Hexanone	8.35	43	1569645	403.882	ug/L	98
49) Dibromochloromethane	8.46	129	810419	207.040	ug/L	99
50) 1,2-Dibromoethane	8.57	107	762142	201.308	ug/L	99
51) Chlorobenzene	9.10	112	1915244	197.640	ug/L	100
52) Ethylbenzene	9.23	91	3372169	212.944	ug/L	100
53) m,p-Xylene	9.36	106	1263826	212.086	ug/L	99
54) o-xylene	9.76	106	1262243	216.123	ug/L	100
55) Styrene	9.77	104	2183352	220.040	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.44	83	1176398	190.542	ug/L	99
59) Bromoform	9.94	173	626597	201.794	ug/L	99
60) 1,2,3-Trichloropropane	10.48	75	916733	182.336	ug/L	100
61) Isopropylbenzene	10.15	105	3279244	207.763	ug/L	100
62) 1,3,5-Trimethylbenzene	10.76	105	2777024	217.808	ug/L	99
63) 1,2,4-Trimethylbenzene	11.13	105	2763203	218.368	ug/L	100
64) 1,3-Dichlorobenzene	11.40	146	1540308	191.135	ug/L	99
65) 1,4-Dichlorobenzene	11.49	146	1561446	187.244	ug/L	100
67) 1,2-Dichlorobenzene	11.86	146	1553724	192.982	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.64	75	279138	200.277	ug/L	95
69) 1,3,5-Trichlorobenzene	12.87	180	1233657	201.754	ug/L	99
70) 1,2,4-trichlorobenzene	13.49	180	1115606	217.537	ug/L	98
71) Naphthalene	13.73	128	3618419	242.337	ug/L	99
72) 1,2,3-Trichlorobenzene	13.97	180	1111219	207.533	ug/L	99

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

