

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033691.D
 Acq On : 09 Aug 2019 18:12
 Operator : JC/SP
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05034

Quant Time: Aug 10 03:53:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:47:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	425227	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	409252	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	221325	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	152581	34.29	ug/L	0.00
7) Chloroethane-d5	1.67	69	144368	37.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	257329	35.67	ug/L	0.00
21) 2-Butanone-d5	4.16	46	201214	63.12	ug/L	0.00
24) Chloroform-d	4.62	84	233495	32.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	143000	30.68	ug/L	0.00
32) Benzene-d6	5.32	84	481829	34.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	147103	33.11	ug/L	0.00
41) Toluene-d8	7.55	98	455846	35.18	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	75382	34.65	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	158943	71.01	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	214195	30.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	183883	32.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	143627	38.544 ug/L	100
3) Chloromethane	1.32	50	150524	37.170 ug/L	100
5) Vinyl chloride	1.39	62	167078	38.164 ug/L	100
6) Bromomethane	1.62	94	114259	38.311 ug/L	100
8) Chloroethane	1.69	64	122599	43.575 ug/L	100
9) Trichlorofluoromethane	1.87	101	224578	38.577 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	117441	39.071 ug/L	100
12) 1,1-Dichloroethene	2.27	96	114912	39.805 ug/L	100
13) Acetone	2.32	43	177233	77.946 ug/L	100
14) Carbon disulfide	2.46	76	325745	38.071 ug/L	100
15) Methyl Acetate	2.60	43	150463	40.591 ug/L	100
16) Methylene chloride	2.68	84	136814	39.878 ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	124458	41.237 ug/L	100
18) Methyl tert-butyl Ether	2.98	73	409119	42.897 ug/L	100
19) 1,1-Dichloroethane	3.42	63	234750	40.109 ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	144287	42.351 ug/L	100
22) 2-Butanone	4.24	43	235936	82.270 ug/L	100
23) Bromochloromethane	4.52	128	75064	41.628 ug/L	100
25) Chloroform	4.65	83	244754	40.043 ug/L	100
27) 1,2-Dichloroethane	5.38	62	188959	39.770 ug/L	100
29) Cyclohexane	4.97	56	200686	43.907 ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	206328	41.738 ug/L	100
31) Carbon tetrachloride	5.11	117	181983	41.739 ug/L	100
33) Benzene	5.37	78	528832	42.534 ug/L	100
34) Trichloroethene	6.16	95	138431	43.179 ug/L	100
35) Methylcyclohexane	6.40	83	214560	43.914 ug/L	100
37) 1,2-Dichloropropane	6.41	63	142748	42.381 ug/L	100
38) Bromodichloromethane	6.74	83	182764	41.961 ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	223182	44.695 ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	428610	87.677 ug/L	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033691.D
 Acq On : 09 Aug 2019 18:12
 Operator : JC/SP
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05034

Quant Time: Aug 10 03:53:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:47:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	581756	43.540	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	206161	43.697	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	139460	43.303	ug/L	100
46) Tetrachloroethene	8.21	164	115933	44.313	ug/L	100
48) 2-Hexanone	8.34	43	339588	84.808	ug/L	100
49) Dibromochloromethane	8.46	129	156425	42.669	ug/L	100
50) 1,2-Dibromoethane	8.57	107	154178	44.070	ug/L	100
51) Chlorobenzene	9.10	112	376522	42.851	ug/L	100
52) Ethylbenzene	9.23	91	631601	43.879	ug/L	100
53) m,p-Xylene	9.36	106	242875	44.573	ug/L	100
54) o-xylene	9.76	106	237683	43.943	ug/L	100
55) Styrene	9.77	104	409209	44.559	ug/L	100
56) Isopropylbenzene	10.15	105	629424	45.078	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	244283	41.314	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	187295	40.879	ug/L	100
61) Bromoform	9.94	173	121854	42.364	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	311873	43.084	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	316690	42.301	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	313693	42.901	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.64	75	59348	43.472	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	253471	45.842	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	230218	49.410	ug/L	100
69) Naphthalene	13.73	128	711500	52.149	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	234997	48.664	ug/L	100

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

