

Data File : VU036354.D
Acq On : 27 Dec 2019 14:21
Operator : JC/MD
Sample : VSTD20036
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD20036

Quant Time: Dec 27 14:42:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 27 13:46:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	570442	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	563149	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	283016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	815303	138.50	ug/L	0.00
7) Chloroethane-d5	1.91	69	684570	135.30	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.59	63	1379279	170.86	ug/L	0.00
21) 2-Butanone-d5	4.68	46	1242779	429.34	ug/L	0.00
24) Chloroform-d	5.11	84	1450852	168.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	927556	168.37	ug/L	0.00
32) Benzene-d6	5.77	84	2848061	180.67	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	937007	188.77	ug/L	0.00
41) Toluene-d8	7.93	98	2754552	188.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	524464	217.85	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	1034756	520.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	1486897	191.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	1053723	180.06	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	854054	149.780	ug/L	100
3) Chloromethane	1.54	50	798948	133.320	ug/L	100
5) Vinyl chloride	1.62	62	897142	141.632	ug/L	100
6) Bromomethane	1.85	94	494146	133.546	ug/L	99
8) Chloroethane	1.93	64	536052	143.387	ug/L	100
9) Trichlorofluoromethane	2.15	101	1293349	158.846	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	627116	160.922	ug/L	99
12) 1,1-Dichloroethene	2.60	96	629804	170.153	ug/L	91
13) Acetone	2.66	43	1160871	335.511	ug/L	99
14) Carbon disulfide	2.82	76	1948128	167.400	ug/L	99
15) Methyl Acetate	2.98	43	873525	189.590	ug/L	100
16) Methylene chloride	3.08	84	755638	164.261	ug/L	99
17) trans-1,2-Dichloroethene	3.39	96	691460	177.347	ug/L	97
18) Methyl tert-butyl Ether	3.41	73	2440661	209.556	ug/L	99
19) 1,1-Dichloroethane	3.92	63	1320066	175.135	ug/L	95
20) cis-1,2-Dichloroethene	4.71	96	805519	184.567	ug/L	# 93
22) 2-Butanone	4.76	43	1505826	411.773	ug/L	97
23) Bromochloromethane	5.02	128	394998	163.573	ug/L	97
25) Chloroform	5.13	83	1400841	172.701	ug/L	97
27) 1,2-Dichloroethane	5.84	62	1109752	176.588	ug/L	98
29) Cyclohexane	5.43	56	1218909	223.479	ug/L	98
30) 1,1,1-Trichloroethane	5.36	97	1251029	197.205	ug/L	98
31) Carbon tetrachloride	5.57	117	1123566	198.371	ug/L	98
33) Benzene	5.82	78	3057184	190.761	ug/L	100
34) Trichloroethene	6.58	95	823544	201.680	ug/L	99
35) Methylcyclohexane	6.80	83	1268099	214.411	ug/L	99
37) 1,2-Dichloropropane	6.83	63	811515	194.443	ug/L	100
38) Bromodichloromethane	7.14	83	1165321	207.115	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	1415335	225.225	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	2833271	525.594	ug/L	100

Data File : VU036354.D
Acq On : 27 Dec 2019 14:21
Operator : JC/MD
Sample : VSTD20036
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD20036

Quant Time: Dec 27 14:42:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 27 13:46:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	3408929	200.453	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	1316835	224.389	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	803054	192.269	ug/L	98
46) Tetrachloroethene	8.58	164	576611	163.900	ug/L	98
48) 2-Hexanone	8.72	43	2300067	511.391	ug/L	96
49) Dibromochloromethane	8.84	129	969192	201.272	ug/L	99
50) 1,2-Dibromoethane	8.96	107	917512	203.417	ug/L	97
51) Chlorobenzene	9.47	112	2203729	192.814	ug/L	100
52) Ethylbenzene	9.60	91	3963238	220.737	ug/L	98
53) m,p-Xylene	9.72	106	1474685	212.632	ug/L	99
54) o-xylene	10.13	106	1478088	220.757	ug/L	97
55) Styrene	10.14	104	2605477	224.168	ug/L	100
56) Isopropylbenzene	10.51	105	3897587	224.772	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	1478136	202.906	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	1178304	198.095	ug/L	98
61) Bromoform	10.32	173	777309	205.175	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	1735145	199.767	ug/L	97
63) 1,4-Dichlorobenzene	11.86	146	1707506	191.339	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	1694833	190.643	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	387012	246.540	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	1162267	186.436	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	1010921	221.081	ug/L	98
69) Naphthalene	14.10	128	3654215	299.328	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	1000848	204.709	ug/L	100

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

Data File : VU036354.D

```
Acq On       : 27 Dec 2019   14:21
Operator    : JC/MD
Sample      : VSTD20036
Misc        : 5.0mL/MSV0A_U/WATER
ALS Vial     : 1      Sample Multiplier: 1
```

Instrument :
MSVOA_U
ClientSampleId :
VSTD20036

Quant Time: Dec 27 14:42:13 2019
Quant Method : Z:\V\OASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 27 13:46:20 2019
Response via : Initial Calibration

