

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034602.D
 Acq On : 17 Sep 2019 06:38
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05055

Quant Time: Sep 17 07:06:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 17 05:01:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	251087	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	239337	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	106227	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58201	48.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.08%
7) Chloroethane-d5	1.67	69	50234	53.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.84%
11) 1,1-Dichloroethene-d2	2.26	63	129884	52.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.80%
21) 2-Butanone-d5	4.15	46	165983	121.51	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.51%
24) Chloroform-d	4.62	84	152569	55.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.94%
26) 1,2-Dichloroethane-d4	5.29	65	95812	57.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.20%
32) Benzene-d6	5.32	84	275385	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
36) 1,2-Dichloropropane-d6	6.31	67	105213	53.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.42%
41) Toluene-d8	7.54	98	267189	52.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.58%
43) trans-1,3-Dichloropropene-	7.83	79	47527	50.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.72%
47) 2-Hexanone-d5	8.29	63	115823	108.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.99%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	166241	54.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.62%
64) 1,2-Dichlorobenzene-d4	11.84	152	102516	54.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	84828	54.835	ug/L 97
3) Chloromethane	1.32	50	80437	50.948	ug/L 100
5) Vinyl chloride	1.40	62	82913	53.492	ug/L 98
6) Bromomethane	1.62	94	29201	36.039	ug/L 96
8) Chloroethane	1.69	64	50370	56.715	ug/L 100
9) Trichlorofluoromethane	1.87	101	117451	53.550	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	68318	52.274	ug/L 96
12) 1,1-Dichloroethene	2.27	96	61654	51.663	ug/L 93
13) Acetone	2.31	43	105013	85.547	ug/L 99
14) Carbon disulfide	2.46	76	148543	50.703	ug/L 99
15) Methyl Acetate	2.60	43	116266	57.869	ug/L 96
16) Methylene chloride	2.68	84	82912	52.570	ug/L 99
17) trans-1,2-Dichloroethene	2.96	96	67315	52.705	ug/L 96
18) Methyl tert-butyl Ether	2.98	73	287167	54.307	ug/L 99
19) 1,1-Dichloroethane	3.42	63	159410	55.438	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	86846	52.505	ug/L 99
22) 2-Butanone	4.23	43	174347	111.645	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\
 Data File : VU034602.D
 Acq On : 17 Sep 2019 06:38
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05055

Quant Time: Sep 17 07:06:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 17 05:01:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	40100	51.350	ug/L	96
25) Chloroform	4.65	83	162420	54.013	ug/L	97
27) 1,2-Dichloroethane	5.38	62	122998	57.768	ug/L	98
29) Cyclohexane	4.97	56	124865	53.516	ug/L	98
30) 1,1,1-Trichloroethane	4.89	97	131114	54.822	ug/L	98
31) Carbon tetrachloride	5.11	117	107992	53.486	ug/L	99
33) Benzene	5.37	78	330520	54.442	ug/L	100
34) Trichloroethene	6.16	95	80418	53.176	ug/L	93
35) Methylcyclohexane	6.39	83	119368	52.065	ug/L	99
37) 1,2-Dichloropropane	6.41	63	101822	55.259	ug/L	98
38) Bromodichloromethane	6.73	83	129377	53.710	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	146820	53.034	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	364197	113.626	ug/L	98
42) Toluene	7.61	91	354010	54.082	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	128492	50.617	ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	90168	53.622	ug/L	99
46) Tetrachloroethene	8.21	164	50137	49.945	ug/L	97
48) 2-Hexanone	8.34	43	273106	113.418	ug/L	95
49) Dibromochloromethane	8.45	129	97000	50.934	ug/L	95
50) 1,2-Dibromoethane	8.56	107	92903	52.858	ug/L	100
51) Chlorobenzene	9.10	112	224922	52.595	ug/L	98
52) Ethylbenzene	9.23	91	401541	53.019	ug/L	100
53) m,p-Xylene	9.35	106	144061	52.908	ug/L	96
54) o-xylene	9.76	106	148346	53.701	ug/L	93
55) Styrene	9.77	104	251661	52.928	ug/L	97
56) Isopropylbenzene	10.14	105	392642	52.846	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.43	83	179013	53.534	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	135870	53.983	ug/L	100
61) Bromoform	9.94	173	64677	49.444	ug/L	99
62) 1,3-Dichlorobenzene	11.39	146	163058	53.083	ug/L	98
63) 1,4-Dichlorobenzene	11.48	146	161279	51.996	ug/L	96
65) 1,2-Dichlorobenzene	11.86	146	169925	54.841	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	39741	56.612	ug/L	90
67) 1,3,5-Trichlorobenzene	12.86	180	101988	50.941	ug/L	96
68) 1,2,4-trichlorobenzene	13.48	180	86665	50.672	ug/L	98
69) Naphthalene	13.72	128	353110	55.882	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	89200	50.944	ug/L	99

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

