

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
 Data File : VU036401.D
 Acq On : 08 Jan 2020 11:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Jan 09 03:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 10:10:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	561586	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	546086	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	253016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	172507	39.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.84%
7) Chloroethane-d5	1.93	69	153486	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.16%
11) 1,1-Dichloroethene-d2	2.59	63	346421	46.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.94%
21) 2-Butanone-d5	4.67	46	306958	94.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.20%
24) Chloroform-d	5.11	84	378880	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
26) 1,2-Dichloroethane-d4	5.74	65	248647	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
32) Benzene-d6	5.77	84	744147	48.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.90%
36) 1,2-Dichloropropane-d6	6.73	67	247553	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.93	98	712351	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%
43) trans-1,3-Dichloropropene-	8.21	79	131110	47.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.78%
47) 2-Hexanone-d5	8.67	63	246549	93.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	367356	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	244957	46.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	202245	45.090 ug/L	100
3) Chloromethane	1.54	50	187075	45.839 ug/L	100
5) Vinyl chloride	1.62	62	194539	41.069 ug/L	99
6) Bromomethane	1.87	94	112948	49.340 ug/L	99
8) Chloroethane	1.95	64	116575	40.903 ug/L	96
9) Trichlorofluoromethane	2.16	101	283608	42.587 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	163914	49.721 ug/L	99
12) 1,1-Dichloroethene	2.60	96	149750	46.081 ug/L	88
13) Acetone	2.66	43	275641	81.553 ug/L	98
14) Carbon disulfide	2.82	76	412204	40.989 ug/L	99
15) Methyl Acetate	2.98	43	216983	47.741 ug/L	98
16) Methylene chloride	3.08	84	189157	47.550 ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	165017	47.035 ug/L	98
18) Methyl tert-butyl Ether	3.41	73	614266	48.197 ug/L	99
19) 1,1-Dichloroethane	3.92	63	337696	48.020 ug/L	97
20) cis-1,2-Dichloroethene	4.71	96	201042	47.375 ug/L #	96
22) 2-Butanone	4.75	43	355642	89.071 ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010820\
 Data File : VU036401.D
 Acq On : 08 Jan 2020 11:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05054

Quant Time: Jan 09 03:47:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 08 10:10:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	95111	46.689	ug/L	97
25) Chloroform	5.13	83	358905	47.898	ug/L	97
27) 1,2-Dichloroethane	5.84	62	286487	49.460	ug/L	98
29) Cyclohexane	5.43	56	299972	47.409	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	316200	47.243	ug/L	99
31) Carbon tetrachloride	5.57	117	270931	46.698	ug/L	100
33) Benzene	5.81	78	761279	47.457	ug/L	100
34) Trichloroethene	6.58	95	195536	47.281	ug/L	98
35) Methylcyclohexane	6.80	83	318289	48.218	ug/L	99
37) 1,2-Dichloropropane	6.83	63	207303	47.723	ug/L	100
38) Bromodichloromethane	7.14	83	283981	46.341	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	348204	47.883	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	658666	89.232	ug/L	99
42) Toluene	8.00	91	825001	46.704	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	311801	46.026	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	200112	49.379	ug/L	98
46) Tetrachloroethene	8.58	164	135038	45.382	ug/L	97
48) 2-Hexanone	8.72	43	493983	86.974	ug/L	93
49) Dibromochloromethane	8.84	129	228092	45.854	ug/L	96
50) 1,2-Dibromoethane	8.95	107	220562	46.929	ug/L	97
51) Chlorobenzene	9.48	112	528114	47.367	ug/L	100
52) Ethylbenzene	9.60	91	957249	47.613	ug/L	99
53) m,p-Xylene	9.72	106	352235	47.230	ug/L	99
54) o-xylene	10.12	106	350488	46.838	ug/L	99
55) Styrene	10.14	104	590069	46.637	ug/L	100
56) Isopropylbenzene	10.51	105	934468	47.913	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	362377	47.306	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	287284	47.137	ug/L	99
61) Bromoform	10.32	173	162355	43.181	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	387856	47.437	ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	383731	47.312	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	382941	46.746	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	80515	42.120	ug/L	93
67) 1,3,5-Trichlorobenzene	13.24	180	242164	44.602	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	168522	40.955	ug/L	97
69) Naphthalene	14.11	128	537428	38.009	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	174793	40.449	ug/L	98

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

