

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100219\
 Data File : VU034909.D
 Acq On : 01 Oct 2019 23:38
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05051

Quant Time: Oct 02 01:58:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 02 01:50:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	345636	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	334539	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	156661	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	102028	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.24%
7) Chloroethane-d5	1.67	69	89490	43.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.94%
11) 1,1-Dichloroethene-d2	2.26	63	185972	43.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.12%
21) 2-Butanone-d5	4.15	46	249007	105.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.34%
24) Chloroform-d	4.62	84	228679	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
26) 1,2-Dichloroethane-d4	5.29	65	162891	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
32) Benzene-d6	5.32	84	434141	47.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.36%
36) 1,2-Dichloropropane-d6	6.31	67	149918	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.76%
41) Toluene-d8	7.54	98	406005	47.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.76%
43) trans-1,3-Dichloropropene-	7.83	79	67663	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
47) 2-Hexanone-d5	8.29	63	162848	108.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.66%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	221015	49.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.84%
64) 1,2-Dichlorobenzene-d4	11.84	152	149005	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	76460	38.349	ug/L	98
3) Chloromethane	1.32	50	61532	35.872	ug/L	99
5) Vinyl chloride	1.40	62	62840	36.610	ug/L	96
6) Bromomethane	1.62	94	30610	35.038	ug/L	99
8) Chloroethane	1.69	64	42946	38.876	ug/L	99
9) Trichlorofluoromethane	1.87	101	106949	41.127	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	69473	42.550	ug/L	99
12) 1,1-Dichloroethene	2.27	96	52097	40.189	ug/L	97
13) Acetone	2.31	43	155780	82.918	ug/L	100
14) Carbon disulfide	2.46	76	63472	30.542	ug/L	98
15) Methyl Acetate	2.60	43	147295	49.116	ug/L	100
16) Methylene chloride	2.68	84	82349	43.491	ug/L	98
17) trans-1,2-Dichloroethene	2.96	96	53568	40.265	ug/L	93
18) Methyl tert-butyl Ether	2.98	73	352670	47.215	ug/L	99
19) 1,1-Dichloroethane	3.42	63	178036	45.125	ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	87873	44.907	ug/L	99
22) 2-Butanone	4.24	43	239465	98.135	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	41480	44.255	ug/L	98
25) Chloroform	4.65	83	195654	45.261	ug/L	99
27) 1,2-Dichloroethane	5.38	62	152305	45.273	ug/L	98
29) Cyclohexane	4.97	56	96892	39.926	ug/L	97
30) 1,1,1-Trichloroethane	4.89	97	144407	45.109	ug/L	99
31) Carbon tetrachloride	5.11	117	109875	44.547	ug/L	100
33) Benzene	5.37	78	317242	44.462	ug/L	100
34) Trichloroethene	6.16	95	78242	43.949	ug/L	99
35) Methylcyclohexane	6.39	83	91293	40.800	ug/L	99
37) 1,2-Dichloropropane	6.41	63	116092	48.118	ug/L	100
38) Bromodichloromethane	6.73	83	153125	49.605	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	161924	47.639	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	501941	102.587	ug/L	100
42) Toluene	7.61	91	347620	45.282	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	153263	49.419	ug/L	100
45) 1,1,2-Trichloroethane	8.04	97	110440	48.869	ug/L	99
46) Tetrachloroethene	8.21	164	49723	42.835	ug/L	99
48) 2-Hexanone	8.34	43	368733	99.309	ug/L	99
49) Dibromochloromethane	8.45	129	118600	50.260	ug/L	97
50) 1,2-Dibromoethane	8.57	107	99508	47.298	ug/L	97
51) Chlorobenzene	9.10	112	237374	45.629	ug/L	98
52) Ethylbenzene	9.23	91	409595	45.451	ug/L	99
53) m,p-Xylene	9.35	106	138732	44.060	ug/L	99
54) o-xylene	9.76	106	154888	46.642	ug/L	99
55) Styrene	9.77	104	275564	47.278	ug/L	99
56) Isopropylbenzene	10.14	105	431993	46.564	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	229714	50.848	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	178040	48.965	ug/L	100
61) Bromoform	9.94	173	86209	49.189	ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	199192	47.051	ug/L	99
63) 1,4-Dichlorobenzene	11.48	146	196723	46.187	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	217097	47.761	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.63	75	50358	52.900	ug/L	99
67) 1,3,5-Trichlorobenzene	12.86	180	150633	52.270	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	130402	56.409	ug/L	96
69) Naphthalene	13.72	128	452522	59.737	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	139596	56.759	ug/L	99

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

