

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
 Data File : VU030059.D
 Acq On : 14 Mar 2019 09:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05035

Quant Time: Mar 15 01:20:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 03:50:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	478592	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	468624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	243178	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153971	48.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.28%
7) Chloroethane-d5	1.68	69	133403	52.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.27	63	282320	49.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.82%
21) 2-Butanone-d5	4.17	46	267244	112.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.67%
24) Chloroform-d	4.64	84	317018	55.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.66%
26) 1,2-Dichloroethane-d4	5.31	65	181360	55.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.56%
32) Benzene-d6	5.34	84	661906	54.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.74%
36) 1,2-Dichloropropane-d6	6.33	67	202788	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.86%
41) Toluene-d8	7.56	98	635313	56.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.48%
43) trans-1,3-Dichloropropene-	7.85	79	100565	56.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.46%
47) 2-Hexanone-d5	8.31	63	233385	112.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	319909	56.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.78%
64) 1,2-Dichlorobenzene-d4	11.86	152	263856	56.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.02%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	143821	47.559 ug/L	100
3) Chloromethane	1.33	50	157424	47.186 ug/L	100
5) Vinyl chloride	1.40	62	169998	46.483 ug/L	100
6) Bromomethane	1.62	94	110357	48.711 ug/L	99
8) Chloroethane	1.70	64	105653	44.077 ug/L	98
9) Trichlorofluoromethane	1.88	101	231695	47.239 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	152985	48.656 ug/L	98
12) 1,1-Dichloroethene	2.28	96	139456	46.490 ug/L	95
13) Acetone	2.32	43	239217	86.262 ug/L	98
14) Carbon disulfide	2.48	76	425365	45.751 ug/L	99
15) Methyl Acetate	2.61	43	165788	46.273 ug/L	100
16) Methylene chloride	2.70	84	164718	46.503 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	152764	46.764 ug/L	100
18) Methyl tert-butyl Ether	3.00	73	450953	46.545 ug/L	100
19) 1,1-Dichloroethane	3.44	63	269197	47.996 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	170612	45.877 ug/L	97
22) 2-Butanone	4.26	43	281963	89.310 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	92875	48.211	ug/L	98
25) Chloroform	4.67	83	280904	47.718	ug/L	98
27) 1,2-Dichloroethane	5.40	62	199539	47.147	ug/L	99
29) Cyclohexane	4.99	56	236400	45.737	ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	237624	46.448	ug/L	98
31) Carbon tetrachloride	5.13	117	208544	46.164	ug/L	100
33) Benzene	5.39	78	628664	46.881	ug/L	100
34) Trichloroethene	6.18	95	164277	46.742	ug/L	99
35) Methylcyclohexane	6.41	83	264952	46.489	ug/L	98
37) 1,2-Dichloropropane	6.43	63	164314	46.583	ug/L	99
38) Bromodichloromethane	6.75	83	210009	47.879	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	260253	47.412	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	440741	92.540	ug/L	100
42) Toluene	7.63	91	694340	47.623	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	236965	47.280	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	166245	47.127	ug/L	99
46) Tetrachloroethene	8.22	164	145863	47.424	ug/L	98
48) 2-Hexanone	8.36	43	378714	93.208	ug/L	99
49) Dibromochloromethane	8.47	129	186658	47.360	ug/L	97
50) 1,2-Dibromoethane	8.58	107	179141	46.072	ug/L	96
51) Chlorobenzene	9.12	112	457552	46.549	ug/L	98
52) Ethylbenzene	9.25	91	751902	46.846	ug/L	100
53) m,p-Xylene	9.37	106	294659	47.450	ug/L	96
54) o-xylene	9.77	106	287522	47.139	ug/L	99
55) Styrene	9.79	104	495879	47.746	ug/L	99
56) Isopropylbenzene	10.16	105	756646	47.384	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	283275	46.788	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	214282	46.646	ug/L	99
61) Bromoform	9.95	173	145943	48.215	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	365275	46.512	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	379851	47.568	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	371758	47.028	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	59700	46.474	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	293493	48.149	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	264132	47.372	ug/L	100
69) Naphthalene	13.74	128	813345	44.897	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	271960	46.952	ug/L	98

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

