

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033695.D
 Acq On : 09 Aug 2019 19:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05056

Quant Time: Aug 10 04:23:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 04:16:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	422169	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	405592	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	218016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	154036	49.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.14%
7) Chloroethane-d5	1.67	69	145015	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.12%
11) 1,1-Dichloroethene-d2	2.26	63	255308	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.72%
21) 2-Butanone-d5	4.15	46	202092	104.90	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.90%
24) Chloroform-d	4.62	84	235324	50.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.94%
26) 1,2-Dichloroethane-d4	5.28	65	142534	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.32	84	482658	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
36) 1,2-Dichloropropane-d6	6.31	67	149276	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.64%
41) Toluene-d8	7.55	98	453793	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.83	79	75671	51.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.02%
47) 2-Hexanone-d5	8.29	63	163142	107.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.22%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	220841	50.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.64%
64) 1,2-Dichlorobenzene-d4	11.84	152	181632	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	147131	47.774	ug/L 99
3) Chloromethane	1.32	50	152325	47.753	ug/L 98
5) Vinyl chloride	1.39	62	170637	48.015	ug/L 98
6) Bromomethane	1.62	94	125198	43.422	ug/L 99
8) Chloroethane	1.69	64	123601	45.685	ug/L 99
9) Trichlorofluoromethane	1.87	101	229948	47.717	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	121157	47.940	ug/L 99
12) 1,1-Dichloroethene	2.27	96	119198	48.015	ug/L 96
13) Acetone	2.32	43	158584	81.867	ug/L 97
14) Carbon disulfide	2.46	76	339642	48.737	ug/L 99
15) Methyl Acetate	2.60	43	156156	48.383	ug/L 99
16) Methylene chloride	2.68	84	139106	48.293	ug/L 98
17) trans-1,2-Dichloroethene	2.96	96	127376	47.874	ug/L 99
18) Methyl tert-butyl Ether	2.98	73	421669	48.455	ug/L 100
19) 1,1-Dichloroethane	3.42	63	239771	47.753	ug/L 100
20) cis-1,2-Dichloroethene	4.20	96	147890	48.730	ug/L 99
22) 2-Butanone	4.24	43	239232	99.227	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	76361	48.902	ug/L	97
25) Chloroform	4.65	83	252337	48.177	ug/L	97
27) 1,2-Dichloroethane	5.38	62	193599	48.532	ug/L	100
29) Cyclohexane	4.97	56	206209	48.179	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	212946	48.383	ug/L	99
31) Carbon tetrachloride	5.11	117	193711	49.056	ug/L	96
33) Benzene	5.37	78	540297	47.868	ug/L	100
34) Trichloroethene	6.16	95	141861	47.632	ug/L	98
35) Methylcyclohexane	6.40	83	222617	49.106	ug/L	99
37) 1,2-Dichloropropane	6.41	63	143318	47.577	ug/L	100
38) Bromodichloromethane	6.74	83	187163	48.354	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	238107	49.739	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	440423	98.309	ug/L	100
42) Toluene	7.62	91	595850	48.796	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	212287	49.779	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	141247	47.965	ug/L	99
46) Tetrachloroethene	8.21	164	120469	49.070	ug/L	98
48) 2-Hexanone	8.34	43	353109	100.101	ug/L	99
49) Dibromochloromethane	8.46	129	162511	49.252	ug/L	100
50) 1,2-Dibromoethane	8.57	107	156871	48.181	ug/L	100
51) Chlorobenzene	9.10	112	390760	48.682	ug/L	100
52) Ethylbenzene	9.23	91	655012	49.036	ug/L	99
53) m,p-Xylene	9.36	106	249217	48.876	ug/L	100
54) o-xylene	9.76	106	246947	48.999	ug/L	97
55) Styrene	9.77	104	422248	49.928	ug/L	99
56) Isopropylbenzene	10.15	105	647513	48.958	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	249824	48.293	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	197201	48.425	ug/L	98
61) Bromoform	9.94	173	129054	49.311	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	321687	48.470	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	326062	48.503	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	321105	48.940	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	61524	49.633	ug/L	99
67) 1,3,5-Trichlorobenzene	12.87	180	261896	49.587	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	244257	51.119	ug/L	98
69) Naphthalene	13.73	128	749706	52.383	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	250465	50.704	ug/L	97

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

