

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033688.D
 Acq On : 09 Aug 2019 16:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 03:51:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:47:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	401520	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	383880	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	206932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	147768	35.17	ug/L	0.00
7) Chloroethane-d5	1.67	69	155864	43.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	264803	38.87	ug/L	0.00
21) 2-Butanone-d5	4.15	46	289818	96.28	ug/L	0.00
24) Chloroform-d	4.62	84	303217	44.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	191834	43.58	ug/L	0.00
32) Benzene-d6	5.32	84	601530	45.81	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	193811	46.51	ug/L	0.00
41) Toluene-d8	7.55	98	554542	45.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	97873	47.97	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	224669	107.01	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	302003	46.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	240684	46.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	150577	42.795 ug/L	99
3) Chloromethane	1.32	50	151746	39.684 ug/L	100
5) Vinyl chloride	1.39	62	169571	41.021 ug/L	100
6) Bromomethane	1.62	94	114539	40.672 ug/L	98
8) Chloroethane	1.69	64	115106	43.327 ug/L	99
9) Trichlorofluoromethane	1.87	101	233188	42.421 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	125400	44.182 ug/L	99
12) 1,1-Dichloroethene	2.27	96	119040	43.670 ug/L	100
13) Acetone	2.32	43	151917	70.757 ug/L	99
14) Carbon disulfide	2.46	76	333632	41.295 ug/L	99
15) Methyl Acetate	2.60	43	149783	42.794 ug/L	98
16) Methylene chloride	2.68	84	137729	42.515 ug/L	99
17) trans-1,2-Dichloroethene	2.96	96	126808	44.497 ug/L	99
18) Methyl tert-butyl Ether	2.98	73	418450	46.466 ug/L	99
19) 1,1-Dichloroethane	3.42	63	238928	43.234 ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	146156	45.432 ug/L	99
22) 2-Butanone	4.24	43	226824	83.762 ug/L	99
23) Bromochloromethane	4.52	128	75779	44.506 ug/L	97
25) Chloroform	4.65	83	247040	42.803 ug/L	99
27) 1,2-Dichloroethane	5.38	62	192936	43.005 ug/L	99
29) Cyclohexane	4.97	56	209189	48.792 ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	210686	45.436 ug/L	99
31) Carbon tetrachloride	5.11	117	188396	46.066 ug/L	97
33) Benzene	5.37	78	537954	46.127 ug/L	100
34) Trichloroethene	6.16	95	142374	47.344 ug/L	97
35) Methylcyclohexane	6.40	83	231022	50.409 ug/L	99
37) 1,2-Dichloropropane	6.41	63	143597	45.451 ug/L	99
38) Bromodichloromethane	6.74	83	183496	44.914 ug/L	97
39) cis-1,3-Dichloropropene	7.25	75	227483	48.567 ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	428782	93.509 ug/L	99

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42) Toluene	7.62	91	596019	47.556	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	211164	47.716	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	139132	46.057	ug/L	97
46) Tetrachloroethene	8.21	164	122079	49.746	ug/L	98
48) 2-Hexanone	8.34	43	338419	90.102	ug/L	99
49) Dibromochloromethane	8.46	129	157936	45.928	ug/L	99
50) 1,2-Dibromoethane	8.57	107	154857	47.189	ug/L	99
51) Chlorobenzene	9.10	112	387466	47.011	ug/L	100
52) Ethylbenzene	9.23	91	650676	48.192	ug/L	99
53) m,p-Xylene	9.36	106	249081	48.734	ug/L	95
54) o-xylene	9.76	106	245855	48.458	ug/L	100
55) Styrene	9.77	104	416543	48.355	ug/L	98
56) Isopropylbenzene	10.15	105	644513	49.209	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	246413	44.429	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	192659	44.829	ug/L	99
61) Bromoform	9.94	173	123861	46.057	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	323751	47.836	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	328816	46.976	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	320114	46.824	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	57609	45.133	ug/L	98
67) 1,3,5-Trichlorobenzene	12.87	180	261384	50.561	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	240538	55.216	ug/L	98
69) Naphthalene	13.73	128	720076	56.448	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	244457	54.144	ug/L	98

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

