

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034653.D
 Acq On : 19 Sep 2019 16:46
 Operator : JC/SP
 Sample : VSTD10034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10034

Quant Time: Sep 19 17:24:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 19 17:16:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	490276	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	478270	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	236746	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	477767	201.98	ug/L	0.00
7) Chloroethane-d5	1.67	69	368155	202.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	799628	165.22	ug/L	0.00
21) 2-Butanone-d5	4.15	46	816999	306.32	ug/L	0.00
24) Chloroform-d	4.62	84	725228	135.05	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	510611	155.83	ug/L	0.00
32) Benzene-d6	5.31	84	1417327	134.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	491844	125.64	ug/L	0.00
41) Toluene-d8	7.54	98	1362192	133.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	249956	133.85	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	535885	252.35	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	701480	114.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	470059	111.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	464733	153.853	ug/L 98
3) Chloromethane	1.32	50	560090	181.684	ug/L 99
5) Vinyl chloride	1.40	62	513702	169.733	ug/L 100
6) Bromomethane	1.61	94	276808	174.958	ug/L 95
8) Chloroethane	1.68	64	296423	170.932	ug/L 96
9) Trichlorofluoromethane	1.87	101	637205	148.786	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	305064	119.543	ug/L 99
12) 1,1-Dichloroethene	2.27	96	293686	126.033	ug/L 94
13) Acetone	2.31	43	747528	311.869	ug/L 98
14) Carbon disulfide	2.46	76	1015302	177.484	ug/L 99
15) Methyl Acetate	2.60	43	577141	147.116	ug/L 99
16) Methylene chloride	2.68	84	376612	122.291	ug/L 99
17) trans-1,2-Dichloroethene	2.96	96	327234	131.215	ug/L 96
18) Methyl tert-butyl Ether	2.98	73	1220582	118.215	ug/L 100
19) 1,1-Dichloroethane	3.42	63	747636	133.158	ug/L 99
20) cis-1,2-Dichloroethene	4.20	96	387669	120.031	ug/L 97
22) 2-Butanone	4.23	43	983924	322.678	ug/L 100
23) Bromochloromethane	4.52	128	184669	121.109	ug/L 95
25) Chloroform	4.65	83	721614	122.898	ug/L 99
27) 1,2-Dichloroethane	5.38	62	639922	153.922	ug/L 97
29) Cyclohexane	4.97	56	724951	155.484	ug/L 100
30) 1,1,1-Trichloroethane	4.89	97	591710	123.810	ug/L 99
31) Carbon tetrachloride	5.11	117	509250	126.218	ug/L 97
33) Benzene	5.36	78	1558169	128.436	ug/L 100
34) Trichloroethene	6.16	95	382087	126.433	ug/L 99
35) Methylcyclohexane	6.39	83	647262	141.277	ug/L 99
37) 1,2-Dichloropropane	6.41	63	458561	124.535	ug/L 100
38) Bromodichloromethane	6.73	83	559976	116.333	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	715297	129.299	ug/L 99
40) 4-Methyl-2-pentanone	7.44	43	1786385	278.904	ug/L 98

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42) Toluene	7.61	91	1676453	128.163	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	658159	129.744	ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	376345	111.998	ug/L	96
46) Tetrachloroethene	8.21	164	269266	134.230	ug/L	98
48) 2-Hexanone	8.34	43	1403934	291.766	ug/L	98
49) Dibromochloromethane	8.45	129	429511	112.861	ug/L	97
50) 1,2-Dibromoethane	8.56	107	414947	118.144	ug/L	100
51) Chlorobenzene	9.10	112	1008106	117.966	ug/L	99
52) Ethylbenzene	9.23	91	1879720	124.202	ug/L	100
53) m,p-Xylene	9.35	106	673677	123.812	ug/L	100
54) o-xylene	9.76	106	677080	122.654	ug/L	99
55) Styrene	9.77	104	1162937	122.395	ug/L	97
56) Isopropylbenzene	10.14	105	1791493	120.660	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	719793	107.718	ug/L	99
59) 1,2,3-Trichloropropane	10.47	75	573886	114.104	ug/L	99
61) Bromoform	9.94	173	316957	108.721	ug/L	99
62) 1,3-Dichlorobenzene	11.39	146	754428	110.201	ug/L	97
63) 1,4-Dichlorobenzene	11.48	146	764610	110.608	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	755862	109.456	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.63	75	173861	111.128	ug/L	98
67) 1,3,5-Trichlorobenzene	12.86	180	521472	116.869	ug/L	97
68) 1,2,4-trichlorobenzene	13.48	180	449574	117.944	ug/L	99
69) Naphthalene	13.72	128	1600735	113.666	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	449511	115.192	ug/L	96

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

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