

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100319\
 Data File : VU034914.D
 Acq On : 03 Oct 2019 12:46
 Operator : JC/SP
 Sample : VSTD10036
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10036

Quant Time: Oct 04 05:12:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 04 05:07:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	426626	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	417335	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	205225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	346420	105.57	ug/L	0.00
7) Chloroethane-d5	1.67	69	259948	94.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	604327	103.50	ug/L	0.00
21) 2-Butanone-d5	4.14	46	551492	254.17	ug/L	0.00
24) Chloroform-d	4.62	84	577128	104.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	378664	106.23	ug/L	0.00
32) Benzene-d6	5.32	84	1185018	110.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	391742	113.67	ug/L	0.00
41) Toluene-d8	7.54	98	1131725	112.69	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	194348	116.86	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	410241	260.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	565930	110.06	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	420141	110.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	361189	86.670	ug/L 99
3) Chloromethane	1.32	50	401448	95.387	ug/L 99
5) Vinyl chloride	1.40	62	389082	82.815	ug/L 100
6) Bromomethane	1.61	94	224585	76.738	ug/L 97
8) Chloroethane	1.69	64	223117	79.456	ug/L 99
9) Trichlorofluoromethane	1.87	101	446992	73.953	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	253399	88.749	ug/L 100
12) 1,1-Dichloroethene	2.27	96	248771	88.927	ug/L 92
13) Acetone	2.31	43	496237	190.945	ug/L 99
14) Carbon disulfide	2.46	76	828474	95.127	ug/L 99
15) Methyl Acetate	2.60	43	378230	108.953	ug/L 100
16) Methylene chloride	2.68	84	311850	95.432	ug/L 99
17) trans-1,2-Dichloroethene	2.96	96	279771	94.832	ug/L 100
18) Methyl tert-butyl Ether	2.98	73	940360	101.766	ug/L 100
19) 1,1-Dichloroethane	3.42	63	558799	97.654	ug/L 98
20) cis-1,2-Dichloroethene	4.20	96	318834	95.853	ug/L 97
22) 2-Butanone	4.23	43	617626	211.902	ug/L 98
23) Bromochloromethane	4.52	128	158029	93.096	ug/L 98
25) Chloroform	4.65	83	561253	92.806	ug/L 98
27) 1,2-Dichloroethane	5.38	62	453216	96.390	ug/L 100
29) Cyclohexane	4.97	56	510407	107.880	ug/L 99
30) 1,1,1-Trichloroethane	4.89	97	458731	93.129	ug/L 99
31) Carbon tetrachloride	5.11	117	402667	93.713	ug/L 98
33) Benzene	5.36	78	1238967	99.336	ug/L 100
34) Trichloroethene	6.16	95	308695	95.156	ug/L 99
35) Methylcyclohexane	6.39	83	500283	100.217	ug/L 99
37) 1,2-Dichloropropane	6.41	63	339479	100.074	ug/L 100
38) Bromodichloromethane	6.73	83	419759	97.403	ug/L 98
39) cis-1,3-Dichloropropene	7.24	75	549759	104.903	ug/L 99
40) 4-Methyl-2-pentanone	7.44	43	1097693	233.738	ug/L 100

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42) Toluene	7.61	91	1345211	100.557	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	492352	105.695	ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	303715	95.970	ug/L	99
46) Tetrachloroethene	8.21	164	246580	98.173	ug/L	98
48) 2-Hexanone	8.34	43	883712	232.121	ug/L	98
49) Dibromochloromethane	8.45	129	343032	97.511	ug/L	99
50) 1,2-Dibromoethane	8.56	107	337444	97.960	ug/L	97
51) Chlorobenzene	9.10	112	852977	98.151	ug/L	99
52) Ethylbenzene	9.23	91	1502714	104.620	ug/L	100
53) m,p-Xylene	9.35	106	558972	103.177	ug/L	97
54) o-xylene	9.76	106	553094	102.961	ug/L	99
55) Styrene	9.77	104	947714	104.453	ug/L	99
56) Isopropylbenzene	10.14	105	1451096	104.656	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	563199	100.796	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	447077	101.480	ug/L	100
61) Bromoform	9.94	173	259647	101.463	ug/L	99
62) 1,3-Dichlorobenzene	11.39	146	650517	100.887	ug/L	99
63) 1,4-Dichlorobenzene	11.48	146	645798	96.761	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	644076	97.872	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.63	75	124104	99.238	ug/L	99
67) 1,3,5-Trichlorobenzene	12.86	180	458674	99.662	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	388848	98.906	ug/L	99
69) Naphthalene	13.72	128	1247774	100.494	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	388185	91.220	ug/L	99

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

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