

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031523.D
 Acq On : 26 Apr 2019 11:25
 Operator : JC/SP
 Sample : VSTD10052
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10052

Quant Time: Apr 26 23:33:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 23:29:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	731607	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	702663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	325998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	603027	101.04	ug/L	0.00
7) Chloroethane-d5	1.68	69	468076	102.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	1199124	112.63	ug/L	0.00
21) 2-Butanone-d5	4.19	46	1200313	255.92	ug/L	0.00
24) Chloroform-d	4.64	84	1120211	114.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.30	65	728211	121.52	ug/L	0.00
32) Benzene-d6	5.33	84	2198981	107.40	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.32	67	768329	114.71	ug/L	0.00
41) Toluene-d8	7.56	98	1974381	107.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	355332	117.07	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	732203	225.54	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1014778	112.22	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	668564	99.78	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	760999	134.546	ug/L	99
3) Chloromethane	1.32	50	903189	126.135	ug/L	100
5) Vinyl chloride	1.40	62	856703	123.617	ug/L	99
6) Bromomethane	1.63	94	449471	114.580	ug/L	98
8) Chloroethane	1.70	64	465406	118.926	ug/L	97
9) Trichlorofluoromethane	1.88	101	973378	119.178	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	553919	118.041	ug/L	98
12) 1,1-Dichloroethene	2.28	96	540387	117.119	ug/L	94
13) Acetone	2.34	43	1086678	273.436	ug/L	99
14) Carbon disulfide	2.47	76	1765383	123.975	ug/L	100
15) Methyl Acetate	2.62	43	898612	129.910	ug/L	98
16) Methylene chloride	2.70	84	634618	119.436	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	567856	119.258	ug/L	95
18) Methyl tert-butyl Ether	2.99	73	1886411	120.463	ug/L	99
19) 1,1-Dichloroethane	3.44	63	1197249	125.136	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	624328	115.826	ug/L	96
22) 2-Butanone	4.27	43	1423642	287.017	ug/L	100
23) Bromochloromethane	4.54	128	297363	111.116	ug/L	96
25) Chloroform	4.67	83	1140618	124.477	ug/L	100
27) 1,2-Dichloroethane	5.40	62	917718	131.237	ug/L	98
29) Cyclohexane	4.99	56	1131909	127.554	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	945444	121.450	ug/L	99
31) Carbon tetrachloride	5.13	117	811969	121.812	ug/L	98
33) Benzene	5.38	78	2526789	119.723	ug/L	100
34) Trichloroethene	6.18	95	606991	110.175	ug/L	98
35) Methylcyclohexane	6.41	83	977688	120.851	ug/L	99
37) 1,2-Dichloropropane	6.43	63	709400	124.277	ug/L	100
38) Bromodichloromethane	6.75	83	864656	124.180	ug/L	98
39) cis-1,3-Dichloropropene	7.26	75	1047810	127.559	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	2299093	264.275	ug/L	100

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42) Toluene	7.63	91	2594119	119.532	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	898908	124.369	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	584919	114.124	ug/L	97
46) Tetrachloroethene	8.22	164	417066	109.215	ug/L	96
48) 2-Hexanone	8.36	43	1852296	269.315	ug/L	99
49) Dibromochloromethane	8.47	129	624318	115.585	ug/L	100
50) 1,2-Dibromoethane	8.58	107	629476	117.919	ug/L	98
51) Chlorobenzene	9.12	112	1502936	113.102	ug/L	98
52) Ethylbenzene	9.24	91	2759086	119.282	ug/L	99
53) m,p-Xylene	9.37	106	1004704	121.068	ug/L	97
54) o-xylene	9.77	106	969087	115.714	ug/L	98
55) Styrene	9.79	104	1698964	120.507	ug/L	99
56) Isopropylbenzene	10.16	105	2550620	118.252	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	1037680	117.196	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	831897	119.979	ug/L	97
61) Bromoform	9.95	173	441757	107.407	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	1033094	106.717	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	1061305	109.353	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	1072468	107.555	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	245435	126.374	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	783875	110.527	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	673789	118.224	ug/L	99
69) Naphthalene	13.74	128	2445551	123.661	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	718572	115.999	ug/L	100

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

