

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080519\
 Data File : VU033595.D
 Acq On : 05 Aug 2019 12:28
 Operator : JC/SP
 Sample : VSTD20034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Quant Time: Aug 05 16:56:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 05 16:26:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	367417	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	356137	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	198454	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	464377	181.77	ug/L	0.00
7) Chloroethane-d5	1.66	69	803146	301.38	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	916142	188.48	ug/L	0.00
21) 2-Butanone-d5	4.15	46	786399	393.02	ug/L	0.00
24) Chloroform-d	4.62	84	908460	190.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	554892	184.98	ug/L	0.00
32) Benzene-d6	5.32	84	1798701	194.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	578353	194.23	ug/L	0.00
41) Toluene-d8	7.55	98	1723690	201.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	297455	205.00	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	631825	441.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	886833	193.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	718758	188.30	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	634443	180.596	ug/L	99
3) Chloromethane	1.32	50	665813	182.540	ug/L	99
5) Vinyl chloride	1.39	62	735746	190.409	ug/L	98
6) Bromomethane	1.62	94	772716	281.966	ug/L	100
8) Chloroethane	1.68	64	870889	302.666	ug/L	98
9) Trichlorofluoromethane	1.87	101	946150	181.249	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	499015	189.482	ug/L	99
12) 1,1-Dichloroethene	2.27	96	488203	192.945	ug/L	98
13) Acetone	2.32	43	619216	315.690	ug/L	99
14) Carbon disulfide	2.46	76	1490412	197.861	ug/L	99
15) Methyl Acetate	2.60	43	616484	188.579	ug/L	99
16) Methylene chloride	2.68	84	549430	187.459	ug/L	99
17) trans-1,2-Dichloroethene	2.96	96	521126	197.694	ug/L	100
18) Methyl tert-butyl Ether	2.98	73	1670436	201.911	ug/L	99
19) 1,1-Dichloroethane	3.42	63	977284	193.289	ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	591405	198.108	ug/L	99
22) 2-Butanone	4.24	43	934025	387.612	ug/L	97
23) Bromochloromethane	4.52	128	294402	192.918	ug/L	98
25) Chloroform	4.65	83	992531	186.936	ug/L	98
27) 1,2-Dichloroethane	5.38	62	789004	193.130	ug/L	99
29) Cyclohexane	4.97	56	896015	217.283	ug/L	100
30) 1,1,1-Trichloroethane	4.89	97	857985	196.866	ug/L	99
31) Carbon tetrachloride	5.11	117	769460	202.762	ug/L	99
33) Benzene	5.37	78	2194473	201.588	ug/L	100
34) Trichloroethene	6.16	95	569588	198.733	ug/L	99
35) Methylcyclohexane	6.40	83	966655	222.146	ug/L	99
37) 1,2-Dichloropropane	6.41	63	588827	197.666	ug/L	100
38) Bromodichloromethane	6.73	83	762183	197.466	ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	973583	213.618	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	1763278	409.552	ug/L	99

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42) Toluene	7.62	91	2413951	204.918	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	865124	207.855	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	551392	193.551	ug/L	98
46) Tetrachloroethene	8.21	164	477339	206.732	ug/L	98
48) 2-Hexanone	8.35	43	1426819	411.436	ug/L	99
49) Dibromochloromethane	8.46	129	652864	203.159	ug/L	99
50) 1,2-Dibromoethane	8.57	107	618948	200.379	ug/L	99
51) Chlorobenzene	9.10	112	1533176	199.026	ug/L	100
52) Ethylbenzene	9.23	91	2680909	213.657	ug/L	100
53) m,p-Xylene	9.36	106	1027105	214.895	ug/L	99
54) o-xylene	9.76	106	1010969	214.580	ug/L	96
55) Styrene	9.77	104	1758348	220.101	ug/L	98
56) Isopropylbenzene	10.15	105	2654478	217.554	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	1001618	196.413	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	768831	191.188	ug/L	100
61) Bromoform	9.94	173	522668	200.233	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	1268849	193.331	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	1281425	190.646	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	1270904	193.514	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	249206	197.889	ug/L	97
67) 1,3,5-Trichlorobenzene	12.87	180	1028628	202.980	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	958437	224.919	ug/L	100
69) Naphthalene	13.73	128	2873236	232.123	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	965513	211.974	ug/L	98

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

