

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013120\
 Data File : VU036653.D
 Acq On : 31 Jan 2020 19:40
 Operator : JC/MD
 Sample : VSTD20034
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20034

Quant Time: Jan 31 23:49:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 31 23:45:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	266336	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	266565	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	127970	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	504318	237.90	ug/L	0.00
7) Chloroethane-d5	1.90	69	390873	219.71	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.58	63	792606	234.10	ug/L	0.00
21) 2-Butanone-d5	4.68	46	628113	514.45	ug/L	0.00
24) Chloroform-d	5.11	84	744344	221.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	477458	226.83	ug/L	0.00
32) Benzene-d6	5.77	84	1560250	202.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	513158	211.63	ug/L	0.00
41) Toluene-d8	7.93	98	1463315	199.20	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	263515	228.33	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	624460	538.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	786412	223.08	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	534351	193.17	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	430303	206.234	ug/L	100
3) Chloromethane	1.53	50	521381	230.671	ug/L	99
5) Vinyl chloride	1.62	62	539924	225.016	ug/L	97
6) Bromomethane	1.84	94	220320	159.106	ug/L	97
8) Chloroethane	1.92	64	309507	216.584	ug/L	98
9) Trichlorofluoromethane	2.14	101	585495	210.371	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	339602	199.465	ug/L	99
12) 1,1-Dichloroethene	2.60	96	345566	205.015	ug/L	98
13) Acetone	2.66	43	474757	404.830	ug/L	100
14) Carbon disulfide	2.81	76	1061459	208.582	ug/L	100
15) Methyl Acetate	2.98	43	461591	244.103	ug/L	100
16) Methylene chloride	3.08	84	414899	203.260	ug/L	99
17) trans-1,2-Dichloroethene	3.38	96	365006	202.954	ug/L	99
18) Methyl tert-butyl Ether	3.41	73	1286792	218.992	ug/L	99
19) 1,1-Dichloroethane	3.91	63	727501	221.503	ug/L	99
20) cis-1,2-Dichloroethene	4.71	96	424931	207.738	ug/L	99
22) 2-Butanone	4.75	43	705791	489.584	ug/L	98
23) Bromochloromethane	5.02	128	196880	189.439	ug/L	98
25) Chloroform	5.13	83	696743	209.397	ug/L	98
27) 1,2-Dichloroethane	5.84	62	560453	221.428	ug/L	100
29) Cyclohexane	5.43	56	687937	212.770	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	574776	199.543	ug/L	100
31) Carbon tetrachloride	5.56	117	471672	193.054	ug/L	99
33) Benzene	5.81	78	1623165	197.942	ug/L	100
34) Trichloroethene	6.58	95	401434	192.066	ug/L	99
35) Methylcyclohexane	6.80	83	691270	196.578	ug/L	99
37) 1,2-Dichloropropane	6.83	63	439991	209.076	ug/L	100
38) Bromodichloromethane	7.14	83	546606	208.794	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	735878	218.092	ug/L	100
40) 4-Methyl-2-pentanone	7.83	43	1416381	506.742	ug/L	99

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42) Toluene	8.00	91	1768986	199.508	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	655254	221.432	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	406258	197.131	ug/L	99
46) Tetrachloroethene	8.58	164	282381	171.154	ug/L	98
48) 2-Hexanone	8.72	43	1111017	529.005	ug/L	100
49) Dibromochloromethane	8.84	129	422785	196.586	ug/L	96
50) 1,2-Dibromoethane	8.95	107	438736	198.931	ug/L	99
51) Chlorobenzene	9.47	112	1098688	193.592	ug/L	100
52) Ethylbenzene	9.60	91	2016648	207.145	ug/L	100
53) m,p-Xylene	9.72	106	746900	198.974	ug/L	100
54) o-xylene	10.13	106	753830	201.333	ug/L	100
55) Styrene	10.14	104	1336714	218.533	ug/L	99
56) Isopropylbenzene	10.51	105	1966301	205.838	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	773545	215.983	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	611688	216.562	ug/L	99
61) Bromoform	10.32	173	330717	194.685	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	858453	196.072	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	847736	196.439	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	842222	189.868	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	176657	239.152	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	592344	198.348	ug/L	100
68) 1,2,4-trichlorobenzene	13.85	180	529152	243.092	ug/L	99
69) Naphthalene	14.10	128	1967964	290.718	ug/L	100
70) 1,2,3-Trichlorobenzene	14.34	180	520705	231.581	ug/L	99

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

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