

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011420\
 Data File : VU036452.D
 Acq On : 14 Jan 2020 18:14
 Operator : JC/MD
 Sample : VSTD10036
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10036

Quant Time: Jan 15 00:05:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM011420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 15 00:01:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	511717	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	492735	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	234248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	322175	83.43	ug/L	0.00
7) Chloroethane-d5	1.93	69	281574	85.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	634676	93.70	ug/L	0.00
21) 2-Butanone-d5	4.68	46	581401	196.40	ug/L	0.00
24) Chloroform-d	5.11	84	669216	96.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	428743	92.98	ug/L	0.00
32) Benzene-d6	5.77	84	1287243	94.27	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	418776	91.67	ug/L	0.00
41) Toluene-d8	7.93	98	1234925	94.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	230389	93.16	ug/L	0.00
47) 2-Hexanone-d5	8.67	63	457320	192.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	646792	93.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	453969	92.25	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	479028	112.226	ug/L	99
3) Chloromethane	1.54	50	443644	114.486	ug/L	98
5) Vinyl chloride	1.62	62	428134	97.873	ug/L	99
6) Bromomethane	1.86	94	264173	119.647	ug/L	100
8) Chloroethane	1.95	64	252194	96.764	ug/L	96
9) Trichlorofluoromethane	2.16	101	592697	97.214	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	306103	100.076	ug/L	97
12) 1,1-Dichloroethene	2.60	96	303405	100.591	ug/L	94
13) Acetone	2.66	43	590369	189.297	ug/L	99
14) Carbon disulfide	2.82	76	1004419	106.985	ug/L	100
15) Methyl Acetate	2.98	43	426965	101.543	ug/L	99
16) Methylene chloride	3.08	84	373804	101.450	ug/L	98
17) trans-1,2-Dichloroethene	3.39	96	342094	105.718	ug/L	96
18) Methyl tert-butyl Ether	3.41	73	1152106	98.174	ug/L	99
19) 1,1-Dichloroethane	3.92	63	636322	98.106	ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	393417	100.384	ug/L	98
22) 2-Butanone	4.76	43	715077	195.637	ug/L	100
23) Bromochloromethane	5.02	128	189390	101.323	ug/L	100
25) Chloroform	5.13	83	682773	99.110	ug/L	98
27) 1,2-Dichloroethane	5.84	62	546430	101.861	ug/L	98
29) Cyclohexane	5.43	56	602179	103.669	ug/L	99
30) 1,1,1-Trichloroethane	5.36	97	611750	100.413	ug/L	99
31) Carbon tetrachloride	5.56	117	528228	99.792	ug/L	96
33) Benzene	5.82	78	1446350	98.844	ug/L	100
34) Trichloroethene	6.58	95	398805	104.966	ug/L	98
35) Methylcyclohexane	6.80	83	604404	100.276	ug/L	99
37) 1,2-Dichloropropane	6.83	63	376013	95.592	ug/L	99
38) Bromodichloromethane	7.14	83	540655	97.545	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	648237	97.833	ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	1237779	186.477	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	1605207	99.628	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	588195	95.717	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	367329	99.916	ug/L	98
46) Tetrachloroethene	8.58	164	265930	98.123	ug/L	93
48) 2-Hexanone	8.72	43	1036299	203.145	ug/L	98
49) Dibromochloromethane	8.84	129	429338	96.008	ug/L	98
50) 1,2-Dibromoethane	8.95	107	421761	98.675	ug/L	99
51) Chlorobenzene	9.47	112	1013831	100.017	ug/L	99
52) Ethylbenzene	9.60	91	1812500	99.264	ug/L	100
53) m,p-Xylene	9.72	106	675648	99.822	ug/L	100
54) o-xylene	10.13	106	667237	98.064	ug/L	98
55) Styrene	10.14	104	1128415	98.562	ug/L	99
56) Isopropylbenzene	10.51	105	1751524	98.929	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	652834	94.221	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	527853	95.397	ug/L	98
61) Bromoform	10.32	173	320023	92.067	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	761358	99.657	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	751924	98.799	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	740850	96.868	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	166950	94.435	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	482354	96.757	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	375239	99.702	ug/L	96
69) Naphthalene	14.10	128	1307088	102.570	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	380880	97.285	ug/L	99

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

