

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041964.D
 Acq On : 12 Jan 2021 10:32
 Operator : SY/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050304

Quant Time: Jan 13 05:49:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 05:49:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	262771	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225412	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	111410	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	145920	66.96	ug/L	0.00
7) Chloroethane-d5	1.919	69	113097	63.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	239665	63.83	ug/L	0.00
21) 2-Butanone-d5	4.642	46	221931	134.88	ug/L	0.00
24) Chloroform-d	5.079	84	224612	61.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	143659	60.59	ug/L	0.00
32) Benzene-d6	5.742	84	441603	63.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	131298	61.49	ug/L	0.00
41) Toluene-d8	7.906	98	358673	57.12	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	66749	60.86	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	149661	127.41	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	180631	56.52	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	119434	51.43	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	123484	54.46	ug/L	100
3) Chloromethane	1.523	50	143745	65.60	ug/L	100
5) Vinyl chloride	1.607	62	149117	61.98	ug/L	100
6) Bromomethane	1.864	94	91416	53.97	ug/L	100
8) Chloroethane	1.938	64	90336	57.84	ug/L	100
9) Trichlorofluoromethane	2.144	101	187421	55.51	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	108205	58.49	ug/L	100
12) 1,1-Dichloroethene	2.591	96	100053	56.99	ug/L	100
13) Acetone	2.649	43	179216	142.41	ug/L	100
14) Carbon disulfide	2.803	76	326284	57.52	ug/L	100
15) Methyl Acetate	2.961	43	152280	65.48	ug/L	100
16) Methylene chloride	3.060	84	118377	58.27	ug/L	100
17) trans-1,2-Dichloroethene	3.366	96	104739	57.51	ug/L	100
18) Methyl tert-butyl Ether	3.379	73	345415	60.14	ug/L	100
19) 1,1-Dichloroethane	3.887	63	211310	61.97	ug/L	100
20) cis-1,2-Dichloroethene	4.684	96	113961	57.32	ug/L	100
22) 2-Butanone	4.723	43	245390	137.44	ug/L	100
23) Bromochloromethane	4.993	128	57053	54.27	ug/L	100
25) Chloroform	5.105	83	208579	58.92	ug/L	100
27) 1,2-Dichloroethane	5.806	62	161716	58.61	ug/L	100
29) Cyclohexane	5.404	56	189758	67.71	ug/L	100
30) 1,1,1-Trichloroethane	5.333	97	175889	59.94	ug/L	100
31) Carbon tetrachloride	5.539	117	149537	58.71	ug/L	100
33) Benzene	5.787	78	465538	61.82	ug/L	100
34) Trichloroethene	6.552	95	106693	56.55	ug/L	100
35) Methylcyclohexane	6.774	83	161690	54.66	ug/L	100
37) 1,2-Dichloropropane	6.800	63	111935	60.07	ug/L	100
38) Bromodichloromethane	7.115	83	139356	56.02	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	172843	58.65	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	353525	126.23	ug/L	100
42) Toluene	7.976	91	431866	56.50	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	172289	59.96	ug/L	100

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45) 1,1,2-Trichloroethane	8.404	97	100483	54.68	ug/L	100
46) Tetrachloroethene	8.555	164	67969	48.81	ug/L	100
48) 2-Hexanone	8.690	43	292012	128.29	ug/L	100
49) Dibromochloromethane	8.812	129	101807	51.98	ug/L	100
50) 1,2-Dibromoethane	8.928	107	101041	53.05	ug/L	100
51) Chlorobenzene	9.449	112	245597	51.00	ug/L	100
52) Ethylbenzene	9.571	91	438214	54.67	ug/L	100
53) m,p-Xylene	9.693	106	159659	52.61	ug/L	100
54) o-xylene	10.099	106	158277	53.27	ug/L	100
55) Styrene	10.111	104	276544	54.43	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	174978	54.73	ug/L	100
59) Bromoform	10.291	173	74694	50.14	ug/L	100
60) 1,2,3-Trichloropropane	10.819	75	145157	55.38	ug/L	100
61) Isopropylbenzene	10.481	105	417579	54.17	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	355449	55.33	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	362022	55.65	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	179753	49.31	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	179188	48.71	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	186081	49.41	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	48259	58.25	ug/L	100
69) 1,3,5-Trichlorobenzene	13.208	180	122670	47.41	ug/L	100
70) 1,2,4-trichlorobenzene	13.828	180	99343	48.23	ug/L	100
71) Naphthalene	14.073	128	374972	55.41	ug/L	100
72) 1,2,3-Trichlorobenzene	14.317	180	104028	50.05	ug/L	100

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

