

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041965.D
 Acq On : 12 Jan 2021 10:55
 Operator : SY/MD
 Sample : VSTD10035
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100305

Quant Time: Jan 13 05:54:40 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	6.260	114	241447	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	226082	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	117374	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	297547	148.59	ug/L	0.00
7) Chloroethane-d5	1.919	69	232714	142.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	475958	137.95	ug/L	0.00
21) 2-Butanone-d5	4.645	46	468083	309.59	ug/L	0.00
24) Chloroform-d	5.079	84	445701	131.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	266181	122.18	ug/L	0.00
32) Benzene-d6	5.742	84	787861	112.41	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	256268	119.66	ug/L	0.00
41) Toluene-d8	7.906	98	766156	121.64	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	139456	126.78	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	318396	270.25	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	385757	120.34	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	261119	106.72	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	258639	124.13	ug/L	100
3) Chloromethane	1.523	50	285537	141.82	ug/L	98
5) Vinyl chloride	1.607	62	302385	136.78	ug/L	98
6) Bromomethane	1.864	94	184677	118.66	ug/L	97
8) Chloroethane	1.938	64	182327	127.05	ug/L	100
9) Trichlorofluoromethane	2.144	101	373509	120.39	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	207224	121.91	ug/L	98
12) 1,1-Dichloroethene	2.591	96	202433	125.48	ug/L	95
13) Acetone	2.649	43	360608	311.87	ug/L	98
14) Carbon disulfide	2.803	76	645239	123.80	ug/L	100
15) Methyl Acetate	2.961	43	293459	137.33	ug/L	99
16) Methylene chloride	3.057	84	225562	120.84	ug/L	99
17) trans-1,2-Dichloroethene	3.369	96	213506	127.58	ug/L	99
18) Methyl tert-butyl Ether	3.379	73	723551	137.09	ug/L	100
19) 1,1-Dichloroethane	3.887	63	425512	135.80	ug/L	100
20) cis-1,2-Dichloroethene	4.684	96	236631	129.54	ug/L	98
22) 2-Butanone	4.723	43	507206	309.16	ug/L	99
23) Bromochloromethane	4.993	128	112553	116.52	ug/L	97
25) Chloroform	5.105	83	402767	123.82	ug/L	97
27) 1,2-Dichloroethane	5.809	62	297433	117.33	ug/L	99
29) Cyclohexane	5.404	56	374589	133.27	ug/L	99
30) 1,1,1-Trichloroethane	5.330	97	339752	115.45	ug/L	99
31) Carbon tetrachloride	5.539	117	281057	110.02	ug/L	100
33) Benzene	5.787	78	816916	108.15	ug/L	100
34) Trichloroethene	6.552	95	201096	106.27	ug/L	98
35) Methylcyclohexane	6.774	83	329623	111.10	ug/L	99
37) 1,2-Dichloropropane	6.803	63	216799	116.00	ug/L	100
38) Bromodichloromethane	7.115	83	283171	113.49	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	365313	123.60	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	779341	277.45	ug/L	99
42) Toluene	7.976	91	893356	116.52	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	337689	117.18	ug/L	96

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45) 1,1,2-Trichloroethane	8.404	97	196274	106.50	ug/L	98
46) Tetrachloroethene	8.558	164	135465	96.99	ug/L	99
48) 2-Hexanone	8.690	43	609672	267.06	ug/L	99
49) Dibromochloromethane	8.816	129	212769	108.31	ug/L	96
50) 1,2-Dibromoethane	8.928	107	207241	108.48	ug/L	99
51) Chlorobenzene	9.449	112	511371	105.88	ug/L	98
52) Ethylbenzene	9.571	91	931002	115.80	ug/L	99
53) m,p-Xylene	9.693	106	340406	111.85	ug/L	96
54) o-xylene	10.099	106	332028	111.41	ug/L	100
55) Styrene	10.115	104	587477	115.28	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	362171	112.95	ug/L	100
59) Bromoform	10.291	173	158606	101.06	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	305827	110.74	ug/L	99
61) Isopropylbenzene	10.481	105	896072	110.33	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	773656	114.31	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	794415	115.91	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	389141	101.32	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	397391	102.54	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	399124	100.59	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	102086	116.95	ug/L	95
69) 1,3,5-Trichlorobenzene	13.208	180	274186	100.58	ug/L	99
70) 1,2,4-trichlorobenzene	13.828	180	234111	107.89	ug/L	99
71) Naphthalene	14.073	128	901638	126.47	ug/L	100
72) 1,2,3-Trichlorobenzene	14.317	180	238163	108.77	ug/L	100

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

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