

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011221\
 Data File : VU041962.D
 Acq On : 12 Jan 2021 09:46
 Operator : SY/MD
 Sample : VSTD00532
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005302

Quant Time: Jan 13 05:50:03 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	6.256	114	238992	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201260	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	95159	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	12428	6.27	ug/L	0.00
7) Chloroethane-d5	1.919	69	10074	6.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.578	63	20263	5.93	ug/L	0.00
21) 2-Butanone-d5	4.645	46	16893	11.29	ug/L	0.00
24) Chloroform-d	5.073	84	18279	5.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.716	65	12234	5.67	ug/L	0.00
32) Benzene-d6	5.739	84	33057	5.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	11364	5.96	ug/L	0.00
41) Toluene-d8	7.903	98	28542	5.09	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	5096	5.20	ug/L	0.00
47) 2-Hexanone-d5	8.636	63	9106	8.68	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	15892	5.57	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.185	152	9834	4.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11285	5.47	ug/L	100
3) Chloromethane	1.523	50	13778	6.91	ug/L	97
5) Vinyl chloride	1.607	62	13487	6.16	ug/L	99
6) Bromomethane	1.864	94	7968	5.17	ug/L	95
8) Chloroethane	1.941	64	8543	6.01	ug/L	99
9) Trichlorofluoromethane	2.147	101	17349	5.65	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	9435	5.61	ug/L	98
12) 1,1-Dichloroethene	2.588	96	8892	5.57	ug/L	89
13) Acetone	2.646	43	18329	16.01	ug/L	99
14) Carbon disulfide	2.803	76	27666	5.36	ug/L	100
15) Methyl Acetate	2.964	43	11666	5.52	ug/L	98
16) Methylene chloride	3.060	84	10228	5.54	ug/L	94
17) trans-1,2-Dichloroethene	3.366	96	8905	5.38	ug/L	95
18) Methyl tert-butyl Ether	3.375	73	27531	5.27	ug/L	99
19) 1,1-Dichloroethane	3.883	63	17680	5.70	ug/L	97
20) cis-1,2-Dichloroethene	4.681	96	8817	4.88	ug/L	98
22) 2-Butanone	4.726	43	20284	12.49	ug/L	75
23) Bromochloromethane	4.986	128	4184	4.38	ug/L	92
25) Chloroform	5.102	83	17464	5.42	ug/L	93
27) 1,2-Dichloroethane	5.803	62	14127	5.63	ug/L	96
29) Cyclohexane	5.395	56	12981	5.19	ug/L	99
30) 1,1,1-Trichloroethane	5.327	97	15030	5.74	ug/L	98
31) Carbon tetrachloride	5.533	117	12256	5.39	ug/L	98
33) Benzene	5.784	78	35471	5.28	ug/L	100
34) Trichloroethene	6.549	95	9656	5.73	ug/L	93
35) Methylcyclohexane	6.768	83	13166	4.99	ug/L	95
37) 1,2-Dichloropropane	6.800	63	10254	6.16	ug/L	98
38) Bromodichloromethane	7.112	83	12731	5.73	ug/L #	96
39) cis-1,3-Dichloropropene	7.610	75	13381	5.09	ug/L	98
40) 4-Methyl-2-pentanone	7.796	43	28233	11.29	ug/L	95
42) Toluene	7.973	91	32239	4.72	ug/L	95
44) trans-1,3-Dichloropropene	8.214	75	12083	4.71	ug/L	90

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45) 1,1,2-Trichloroethane	8.401	97	8481	5.17	ug/L	98
46) Tetrachloroethene	8.555	164	5500	4.42	ug/L	84
48) 2-Hexanone	8.690	43	22177	10.91	ug/L	96
49) Dibromochloromethane	8.809	129	8815	5.04	ug/L	96
50) 1,2-Dibromoethane	8.925	107	8799	5.17	ug/L	98
51) Chlorobenzene	9.446	112	20912	4.86	ug/L	99
52) Ethylbenzene	9.568	91	33156	4.63	ug/L	97
53) m,p-Xylene	9.693	106	11870	4.38	ug/L	93
54) o-xylene	10.099	106	11507	4.34	ug/L	95
55) Styrene	10.111	104	20053	4.42	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	15122	5.30	ug/L	94
59) Bromoform	10.291	173	6059	4.76	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	12950	5.78	ug/L	99
61) Isopropylbenzene	10.481	105	30555	4.64	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	24049	4.38	ug/L	97
63) 1,2,4-Trimethylbenzene	11.462	105	22673	4.08	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	14950	4.80	ug/L	89
65) 1,4-Dichlorobenzene	11.832	146	14338	4.56	ug/L	94
67) 1,2-Dichlorobenzene	12.205	146	15572	4.84	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.986	75	4163	5.88	ug/L	93
69) 1,3,5-Trichlorobenzene	13.211	180	10580	4.79	ug/L	97
70) 1,2,4-trichlorobenzene	13.828	180	6477	3.68	ug/L	93
71) Naphthalene	14.073	128	16505	2.86	ug/L	99
72) 1,2,3-Trichlorobenzene	14.317	180	6584	3.71	ug/L	98

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

