

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044799.D
 Acq On : 24 Sep 2021 09:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050082

Quant Time: Sep 25 02:30:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	268153	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	259789	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	132724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	123163	41.956	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.920%
7) Chloroethane-d5	1.912	69	112175	48.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	2.571	63	221515	44.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.860%
21) 2-Butanone-d5	4.636	46	235147	101.325	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.320%
24) Chloroform-d	5.070	84	214851	46.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	5.706	65	144525	46.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.040%
32) Benzene-d6	5.732	84	425182	47.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.340%
36) 1,2-Dichloropropane-d6	6.697	67	138702	47.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.380%
41) Toluene-d8	7.902	98	373638	48.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.060%
43) trans-1,3-Dichloroprop...	8.182	79	63388	48.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.960%
47) 2-Hexanone-d5	8.642	63	165071	101.339	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.340%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	210615	46.015	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.020%
66) 1,2-Dichlorobenzene-d4	12.198	152	135794	47.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	125201	48.762	ug/L	98
3) Chloromethane	1.520	50	151451	47.323	ug/L	100
5) Vinyl chloride	1.607	62	152372	48.596	ug/L	99
6) Bromomethane	1.858	94	80356	53.432	ug/L	98
8) Chloroethane	1.932	64	107312	54.531	ug/L	98
9) Trichlorofluoromethane	2.137	101	180459	50.284	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	112395	49.620	ug/L	99
12) 1,1-Dichloroethene	2.584	96	104263	50.210	ug/L	89
13) Acetone	2.642	43	252606	94.164	ug/L	99
14) Carbon disulfide	2.797	76	332258	49.944	ug/L	100
15) Methyl Acetate	2.957	43	167313	50.571	ug/L	99
16) Methylene chloride	3.051	84	125230	47.602	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	111071	50.776	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	371086	51.448	ug/L	99
19) 1,1-Dichloroethane	3.877	63	229023	50.326	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	124958	51.841	ug/L	94
22) 2-Butanone	4.716	43	295839	98.532	ug/L	100
23) Bromochloromethane	4.983	128	61707	50.499	ug/L	97
25) Chloroform	5.095	83	224349	49.590	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	187480	49.546	ug/L	100
29) Cyclohexane	5.394	56	208603	53.420	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	183804	51.111	ug/L	99
31) Carbon tetrachloride	5.530	117	148113	52.146	ug/L	99
33) Benzene	5.780	78	497720	51.655	ug/L	100
34) Trichloroethene	6.546	95	119906	51.810	ug/L	98
35) Methylcyclohexane	6.767	83	206391	53.266	ug/L	99
37) 1,2-Dichloropropane	6.796	63	134240	51.169	ug/L	100
38) Bromodichloromethane	7.111	83	164796	51.246	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	197829	52.702	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	460649	105.113	ug/L	99
42) Toluene	7.973	91	516705	52.778	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	188096	52.698	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	121135	50.951	ug/L	98
46) Tetrachloroethene	8.558	164	86235	52.131	ug/L	97
48) 2-Hexanone	8.693	43	404300	104.035	ug/L	99
49) Dibromochloromethane	8.816	129	120611	51.295	ug/L	99
50) 1,2-Dibromoethane	8.928	107	127909	51.385	ug/L	99
51) Chlorobenzene	9.452	112	307076	50.807	ug/L	99
52) Ethylbenzene	9.574	91	547601	52.948	ug/L	99
53) m,p-Xylene	9.697	106	207423	52.942	ug/L	100
54) o-xylene	10.105	106	206419	53.616	ug/L	97
55) Styrene	10.118	104	358961	54.217	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	223041	48.995	ug/L	98
59) Bromoform	10.295	173	85042	51.664	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	185426	50.512	ug/L	100
61) Isopropylbenzene	10.488	105	531989	54.769	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	453865	55.950	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	466705	56.184	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	233119	51.933	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	238626	51.812	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	240207	52.126	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	55170	52.297	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	167060	53.627	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	143279	55.348	ug/L	99
71) Naphthalene	14.089	128	541850	60.402	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	149901	56.596	ug/L	98

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

