

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
 Data File : VU052920.D
 Acq On : 02 Feb 2023 12:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050149

Quant Time: Feb 03 00:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	249436	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	240344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	141918	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	81049	45.144	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.280%
7) Chloroethane-d5	1.913	69	72541	49.037	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.080%
11) 1,1-Dichloroethene-d2	2.569	63	166646	46.668	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.340%
21) 2-Butanone-d5	4.626	46	96549	87.054	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.050%
24) Chloroform-d	5.057	84	181471	47.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
26) 1,2-Dichloroethane-d4	5.697	65	115847	47.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	5.723	84	342759	46.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	6.687	67	102334	47.518	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	7.893	98	319920	47.847	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	8.176	79	51402	47.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.240%
47) 2-Hexanone-d5	8.629	63	63981	84.553	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.550%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	143649	45.146	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.300%
66) 1,2-Dichlorobenzene-d4	12.189	152	128700	46.704	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	111133	47.581	ug/L	99
3) Chloromethane	1.520	50	97409	50.566	ug/L	99
5) Vinyl chloride	1.604	62	109634	51.444	ug/L	99
6) Bromomethane	1.858	94	71593	53.268	ug/L	100
8) Chloroethane	1.935	64	69735	52.097	ug/L	97
9) Trichlorofluoromethane	2.138	101	183351	51.366	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	97674	48.546	ug/L	99
12) 1,1-Dichloroethene	2.578	96	89129	48.302	ug/L	97
13) Acetone	2.636	43	125744	92.832	ug/L	97
14) Carbon disulfide	2.794	76	254833	45.726	ug/L	100
15) Methyl Acetate	2.948	43	81529	44.672	ug/L	100
16) Methylene chloride	3.044	84	102246	46.581	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	93663	46.970	ug/L	99
18) Methyl tert-butyl Ether	3.360	73	285036	48.612	ug/L	99
19) 1,1-Dichloroethane	3.864	63	168687	48.235	ug/L	97
20) cis-1,2-Dichloroethene	4.662	96	100885	47.385	ug/L	100
22) 2-Butanone	4.704	43	128401	88.685	ug/L	99
23) Bromochloromethane	4.970	128	55686	46.577	ug/L	99
25) Chloroform	5.083	83	188406	47.989	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020223\
 Data File : VU052920.D
 Acq On : 02 Feb 2023 12:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050149

Quant Time: Feb 03 00:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM012623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 01 20:03:09 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	149720	48.172	ug/L	99
29) Cyclohexane	5.385	56	136824	48.041	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	172822	48.885	ug/L	99
31) Carbon tetrachloride	5.520	117	151923	49.573	ug/L	99
33) Benzene	5.771	78	394095	48.170	ug/L	100
34) Trichloroethene	6.539	95	99053	47.634	ug/L	97
35) Methylcyclohexane	6.761	83	158461	48.146	ug/L	98
37) 1,2-Dichloropropane	6.787	63	95584	47.521	ug/L	99
38) Bromodichloromethane	7.102	83	141507	47.941	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	150866	47.882	ug/L	96
40) 4-Methyl-2-pentanone	7.787	43	209793	88.531	ug/L	99
42) Toluene	7.964	91	413365	49.299	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	148125	47.837	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	99017	48.139	ug/L	98
46) Tetrachloroethene	8.549	164	85856	47.948	ug/L	99
48) 2-Hexanone	8.681	43	177573	88.577	ug/L	98
49) Dibromochloromethane	8.806	129	118777	48.288	ug/L	99
50) 1,2-Dibromoethane	8.919	107	105851	47.815	ug/L	98
51) Chlorobenzene	9.443	112	273954	47.489	ug/L	98
52) Ethylbenzene	9.565	91	446043	49.778	ug/L	100
53) m,p-Xylene	9.690	106	184280	50.800	ug/L	100
54) o-xylene	10.096	106	175832	50.774	ug/L	96
55) Styrene	10.112	104	305564	51.419	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	152231	45.732	ug/L	99
59) Bromoform	10.285	173	86657	44.559	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	119766	43.506	ug/L	99
61) Isopropylbenzene	10.481	105	460520	50.243	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	386967	50.704	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	383872	51.980	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	219392	47.442	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	226260	47.262	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	228497	48.851	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	34508	43.732	ug/L	95
69) 1,3,5-Trichlorobenzene	13.214	180	163820	47.852	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	139775	48.698	ug/L	99
71) Naphthalene	14.083	128	410748	49.798	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	148698	49.021	ug/L	99

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

