

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010923\
 Data File : VU052638.D
 Acq On : 09 Jan 2023 12:27
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050140

Quant Time: Jan 09 21:01:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 09 20:59:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	307514	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	308355	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	169112	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	129261	37.317	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.640%
7) Chloroethane-d5	1.909	69	102591	37.856	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.720%
11) 1,1-Dichloroethene-d2	2.565	63	230774	40.515	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.040%
21) 2-Butanone-d5	4.626	46	209977	95.790	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.790%
24) Chloroform-d	5.060	84	242702	44.577	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	5.697	65	165467	46.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
32) Benzene-d6	5.722	84	487578	45.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.440%
36) 1,2-Dichloropropane-d6	6.687	67	172217	45.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.920%
41) Toluene-d8	7.893	98	419550	46.396	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.176	79	65825	40.431	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.860%
47) 2-Hexanone-d5	8.639	63	136380	103.297	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.300%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	235477	47.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.420%
66) 1,2-Dichlorobenzene-d4	12.188	152	155176	47.791	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	108380	40.810	ug/L	100
3) Chloromethane	1.520	50	150509	40.944	ug/L	99
5) Vinyl chloride	1.607	62	138627	40.551	ug/L	100
6) Bromomethane	1.858	94	73229	44.848	ug/L	98
8) Chloroethane	1.928	64	86735	39.306	ug/L	100
9) Trichlorofluoromethane	2.134	101	171000	43.829	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	98567	42.099	ug/L	99
12) 1,1-Dichloroethene	2.578	96	98791	45.667	ug/L	81
13) Acetone	2.633	43	164693	74.116	ug/L	96
14) Carbon disulfide	2.790	76	283677	42.717	ug/L	100
15) Methyl Acetate	2.948	43	165982	48.084	ug/L	98
16) Methylene chloride	3.044	84	142937	49.653	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	105603	46.725	ug/L	94
18) Methyl tert-butyl Ether	3.359	73	385122	52.796	ug/L	98
19) 1,1-Dichloroethane	3.864	63	244332	46.996	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	126876	50.291	ug/L	95
22) 2-Butanone	4.703	43	240182	92.437	ug/L	100
23) Bromochloromethane	4.970	128	66255	51.484	ug/L	93
25) Chloroform	5.083	83	246175	50.091	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010923\
 Data File : VU052638.D
 Acq On : 09 Jan 2023 12:27
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050140

Quant Time: Jan 09 21:01:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 09 20:59:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	198385	48.900	ug/L	99
29) Cyclohexane	5.385	56	183285	44.740	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	185743	47.037	ug/L	97
31) Carbon tetrachloride	5.520	117	149703	45.838	ug/L	98
33) Benzene	5.771	78	529726	49.050	ug/L	100
34) Trichloroethene	6.539	95	124113	50.435	ug/L	99
35) Methylcyclohexane	6.761	83	163292	42.219	ug/L	97
37) 1,2-Dichloropropane	6.787	63	155212	48.821	ug/L	100
38) Bromodichloromethane	7.102	83	188695	49.503	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	174001	41.493	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	462971	108.855	ug/L	97
42) Toluene	7.967	91	522021	50.259	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	179495	44.416	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	138970	53.168	ug/L	96
46) Tetrachloroethene	8.549	164	76808	45.481	ug/L	97
48) 2-Hexanone	8.690	43	364753	104.003	ug/L	98
49) Dibromochloromethane	8.806	129	144157	52.887	ug/L	99
50) 1,2-Dibromoethane	8.922	107	135037	51.200	ug/L	100
51) Chlorobenzene	9.443	112	325995	49.350	ug/L	97
52) Ethylbenzene	9.568	91	535701	49.750	ug/L	99
53) m,p-Xylene	9.690	106	206470	51.341	ug/L	99
54) o-xylene	10.098	106	206783	53.583	ug/L	96
55) Styrene	10.111	104	380037	55.270	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	224503	47.231	ug/L	99
59) Bromoform	10.288	173	105921	56.347	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	199560	53.160	ug/L	99
61) Isopropylbenzene	10.481	105	514510	51.555	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	432048	53.092	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	433708	53.928	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	241762	50.317	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	245012	48.398	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	253116	51.258	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	51791	49.660	ug/L	94
69) 1,3,5-Trichlorobenzene	13.214	180	153601	45.269	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	126532	43.831	ug/L	99
71) Naphthalene	14.082	128	449889	50.420	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	140927	47.517	ug/L	99

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

