

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U093022\
 Data File : VU051076.D
 Acq On : 01 Oct 2022 08:05
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050104

Quant Time: Oct 03 00:04:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	403580	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	417594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	209761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	177289	43.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.700%
7) Chloroethane-d5	1.896	69	154110	40.562	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.120%
11) 1,1-Dichloroethene-d2	2.565	63	290527	48.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.180%
21) 2-Butanone-d5	4.616	46	275147	103.721	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.720%
24) Chloroform-d	5.060	84	334160	50.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.420%
26) 1,2-Dichloroethane-d4	5.697	65	209539	51.373	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.740%
32) Benzene-d6	5.722	84	653011	53.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.800%
36) 1,2-Dichloropropane-d6	6.687	67	217670	54.855	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.700%
41) Toluene-d8	7.896	98	595558	52.712	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.420%
43) trans-1,3-Dichloroprop...	8.176	79	90646	47.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.780%
47) 2-Hexanone-d5	8.632	63	166650	104.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.010%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	368720	53.168	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.340%
66) 1,2-Dichlorobenzene-d4	12.192	152	223324	49.837	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	175284	51.795	ug/L	100
3) Chloromethane	1.520	50	213302	53.346	ug/L	99
5) Vinyl chloride	1.604	62	215211	50.716	ug/L	98
6) Bromomethane	1.832	94	124421	35.397	ug/L	97
8) Chloroethane	1.919	64	137672	44.182	ug/L	99
9) Trichlorofluoromethane	2.131	101	251689	44.111	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	149912	48.657	ug/L	97
12) 1,1-Dichloroethene	2.575	96	142114	49.379	ug/L	94
13) Acetone	2.620	43	191529	90.415	ug/L	99
14) Carbon disulfide	2.787	76	419180	49.272	ug/L	100
15) Methyl Acetate	2.941	43	209594	54.195	ug/L	96
16) Methylene chloride	3.041	84	190445	46.096	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	150994	49.315	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	485768	52.207	ug/L	98
19) 1,1-Dichloroethane	3.864	63	311191	53.506	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	176022	51.489	ug/L	94
22) 2-Butanone	4.697	43	304104	103.905	ug/L	98
23) Bromochloromethane	4.970	128	94427	50.411	ug/L	93
25) Chloroform	5.086	83	328870	51.985	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	253674	52.346	ug/L	99
29) Cyclohexane	5.385	56	226421	55.685	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	258426	52.767	ug/L	99
31) Carbon tetrachloride	5.523	117	206993	51.802	ug/L	98
33) Benzene	5.771	78	721577	56.678	ug/L	100
34) Trichloroethene	6.539	95	166250	50.417	ug/L	97
35) Methylcyclohexane	6.761	83	227709	50.737	ug/L	96
37) 1,2-Dichloropropane	6.787	63	194666	56.781	ug/L	99
38) Bromodichloromethane	7.102	83	242995	53.110	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	241348	49.708	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	587041	118.237	ug/L	97
42) Toluene	7.967	91	750866	55.449	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	238234	48.528	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	193079	51.993	ug/L	98
46) Tetrachloroethene	8.552	164	116621	46.668	ug/L	96
48) 2-Hexanone	8.680	43	509373	112.952	ug/L	98
49) Dibromochloromethane	8.806	129	193152	49.471	ug/L	99
50) 1,2-Dibromoethane	8.922	107	202226	50.227	ug/L	97
51) Chlorobenzene	9.446	112	456230	49.542	ug/L	98
52) Ethylbenzene	9.568	91	734109	50.823	ug/L	99
53) m,p-Xylene	9.693	106	288232	53.064	ug/L	98
54) o-Xylene	10.098	106	286127	52.702	ug/L	99
55) Styrene	10.111	104	517653	55.166	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	374091	56.920	ug/L	99
59) Bromoform	10.288	173	147760	47.875	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	291673	52.839	ug/L	98
61) Isopropylbenzene	10.481	105	695557	51.045	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	590725	53.016	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	598618	53.603	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	332395	47.318	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	335700	47.807	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	364640	50.523	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.992	75	81197	50.406	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	214759	45.083	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	163487	41.946	ug/L	99
71) Naphthalene	14.085	128	613255	43.961	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	192240	44.202	ug/L	98

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

