

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051078.D
 Acq On : 03 Oct 2022 10:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050105

Quant Time: Oct 03 23:31:49 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	6.250	114	390118	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	398357	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	207887	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	196566	49.718	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.440%
7) Chloroethane-d5	1.906	69	167458	45.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.568	63	301073	51.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.100%
21) 2-Butanone-d5	4.616	46	252359	98.413	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.410%
24) Chloroform-d	5.060	84	355011	55.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.460%
26) 1,2-Dichloroethane-d4	5.700	65	216565	54.928	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.860%
32) Benzene-d6	5.726	84	705425	60.472	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.940%
36) 1,2-Dichloropropane-d6	6.690	67	227042	59.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.960%
41) Toluene-d8	7.896	98	647380	60.065	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.140%#
43) trans-1,3-Dichloroprop...	8.179	79	98565	54.592	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.180%
47) 2-Hexanone-d5	8.632	63	140166	91.705	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.700%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	354358	53.564	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	237722	53.528	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	164752	50.362	ug/L	99
3) Chloromethane	1.520	50	194713	50.378	ug/L	99
5) Vinyl chloride	1.604	62	197949	48.257	ug/L	100
6) Bromomethane	1.845	94	132097	38.878	ug/L	96
8) Chloroethane	1.928	64	127866	42.451	ug/L	99
9) Trichlorofluoromethane	2.137	101	247101	44.801	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	153096	51.405	ug/L	99
12) 1,1-Dichloroethene	2.578	96	138068	49.629	ug/L	97
13) Acetone	2.620	43	275988	134.782	ug/L	99
14) Carbon disulfide	2.793	76	434851	52.878	ug/L	99
15) Methyl Acetate	2.945	43	179907	48.124	ug/L	98
16) Methylene chloride	3.044	84	189699	47.500	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	147360	49.789	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	440932	49.023	ug/L	99
19) 1,1-Dichloroethane	3.867	63	293221	52.156	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	172166	52.098	ug/L	99
22) 2-Butanone	4.694	43	307406	108.657	ug/L	97
23) Bromochloromethane	4.973	128	93800	51.804	ug/L	97
25) Chloroform	5.086	83	316685	51.787	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	242774	51.826	ug/L	99
29) Cyclohexane	5.388	56	206222	53.166	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	248523	53.196	ug/L	99
31) Carbon tetrachloride	5.523	117	210629	55.257	ug/L	99
33) Benzene	5.774	78	688883	56.723	ug/L	100
34) Trichloroethene	6.542	95	170685	54.262	ug/L	99
35) Methylcyclohexane	6.764	83	227996	53.254	ug/L	97
37) 1,2-Dichloropropane	6.790	63	187467	57.322	ug/L	100
38) Bromodichloromethane	7.105	83	247352	56.673	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	251429	54.285	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	496338	104.796	ug/L	99
42) Toluene	7.970	91	736200	56.991	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	243965	52.095	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	183778	51.878	ug/L	98
46) Tetrachloroethene	8.552	164	120897	50.716	ug/L	98
48) 2-Hexanone	8.684	43	448334	104.218	ug/L	98
49) Dibromochloromethane	8.809	129	199116	53.461	ug/L	95
50) 1,2-Dibromoethane	8.922	107	195122	50.802	ug/L	96
51) Chlorobenzene	9.446	112	441221	50.226	ug/L	99
52) Ethylbenzene	9.571	91	703837	51.081	ug/L	99
53) m,p-Xylene	9.693	106	277777	53.609	ug/L	100
54) o-Xylene	10.102	106	274356	52.974	ug/L	98
55) Styrene	10.115	104	496033	55.415	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	316172	50.430	ug/L	98
59) Bromoform	10.288	173	153141	50.066	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	254588	46.537	ug/L	99
61) Isopropylbenzene	10.484	105	677100	50.139	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	568213	51.456	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	587146	53.050	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	339798	48.808	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	345697	49.674	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	359432	50.250	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	74211	46.484	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	223955	47.437	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	168487	43.619	ug/L	100
71) Naphthalene	14.086	128	563911	40.788	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	193161	44.814	ug/L	99

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

