

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092222\
 Data File : VU050889.D
 Acq On : 22 Sep 2022 10:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050091

Quant Time: Sep 23 01:05:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 22 02:11:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	410151	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	399653	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	192194	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	158558	37.313	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.620%
7) Chloroethane-d5	1.909	69	130758	43.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.420%
11) 1,1-Dichloroethene-d2	2.568	63	281967	42.643	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.280%
21) 2-Butanone-d5	4.620	46	324261	118.196	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.200%
24) Chloroform-d	5.063	84	323584	48.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
26) 1,2-Dichloroethane-d4	5.700	65	203639	49.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
32) Benzene-d6	5.729	84	617418	46.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.690	67	213126	47.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.940%
41) Toluene-d8	7.899	98	548066	47.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.260%
43) trans-1,3-Dichloroprop...	8.179	79	91449	47.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.620%
47) 2-Hexanone-d5	8.632	63	202401	110.535	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.530%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	340221	50.222	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.440%
66) 1,2-Dichlorobenzene-d4	12.192	152	191466	47.580	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	208699	49.141	ug/L	100
3) Chloromethane	1.520	50	237773	48.158	ug/L	99
5) Vinyl chloride	1.604	62	233299	48.266	ug/L	98
6) Bromomethane	1.851	94	142915	58.526	ug/L	100
8) Chloroethane	1.928	64	139779	52.230	ug/L	99
9) Trichlorofluoromethane	2.137	101	268689	51.247	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	173179	51.605	ug/L	100
12) 1,1-Dichloroethene	2.578	96	156426	49.609	ug/L	91
13) Acetone	2.623	43	224433	96.615	ug/L	98
14) Carbon disulfide	2.790	76	486398	48.782	ug/L	99
15) Methyl Acetate	2.948	43	234630	53.522	ug/L	99
16) Methylene chloride	3.044	84	197346	45.074	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	165227	51.125	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	517065	52.482	ug/L	99
19) 1,1-Dichloroethane	3.867	63	328817	50.353	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	185495	51.765	ug/L	99
22) 2-Butanone	4.700	43	350072	114.328	ug/L	100
23) Bromochloromethane	4.973	128	99012	52.720	ug/L	94
25) Chloroform	5.086	83	339277	52.132	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	259391	52.446	ug/L	99
29) Cyclohexane	5.388	56	274795	49.964	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	274386	51.606	ug/L	99
31) Carbon tetrachloride	5.523	117	225419	51.035	ug/L	98
33) Benzene	5.774	78	759334	51.628	ug/L	100
34) Trichloroethene	6.542	95	181250	53.052	ug/L	99
35) Methylcyclohexane	6.764	83	287262	52.184	ug/L	99
37) 1,2-Dichloropropane	6.790	63	205878	51.154	ug/L	100
38) Bromodichloromethane	7.105	83	252764	52.712	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	279934	51.977	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	624070	112.515	ug/L	100
42) Toluene	7.970	91	796043	54.521	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	273166	53.318	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	196576	53.001	ug/L	99
46) Tetrachloroethene	8.552	164	130864	53.303	ug/L	99
48) 2-Hexanone	8.684	43	528764	114.088	ug/L	99
49) Dibromochloromethane	8.809	129	194520	53.489	ug/L	99
50) 1,2-Dibromoethane	8.922	107	205824	53.487	ug/L	98
51) Chlorobenzene	9.446	112	456984	51.267	ug/L	99
52) Ethylbenzene	9.571	91	758435	52.069	ug/L	100
53) m,p-Xylene	9.693	106	295215	54.515	ug/L	99
54) o-Xylene	10.098	106	291386	54.003	ug/L	99
55) Styrene	10.115	104	507144	54.821	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	336783	49.073	ug/L	99
59) Bromoform	10.288	173	142343	51.313	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	276845	51.211	ug/L	99
61) Isopropylbenzene	10.484	105	728777	53.060	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	597282	52.900	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	605369	54.140	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	328070	52.232	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	328522	51.520	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	345485	51.949	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	84499	56.831	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	225215	51.249	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	184220	51.225	ug/L	98
71) Naphthalene	14.085	128	735058	53.182	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	214414	53.271	ug/L	100

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

