

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048017.D
 Acq On : 13 Apr 2022 20:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050198

Quant Time: Apr 14 03:11:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	363317	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	375884	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	219077	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	130223	49.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.860%
7) Chloroethane-d5	1.913	69	109171	52.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.100%
11) 1,1-Dichloroethene-d2	2.572	63	224476	46.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.140%
21) 2-Butanone-d5	4.620	46	213984	94.626	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.630%
24) Chloroform-d	5.067	84	241729	50.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.280%
26) 1,2-Dichloroethane-d4	5.704	65	149672	50.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.240%
32) Benzene-d6	5.729	84	482217	50.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.960%
36) 1,2-Dichloropropane-d6	6.691	67	154798	53.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.580%
41) Toluene-d8	7.900	98	455526	49.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.860%
43) trans-1,3-Dichloroprop...	8.179	79	67033	45.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.100%
47) 2-Hexanone-d5	8.633	63	163261	96.012	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.010%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	241100	48.365	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.720%
66) 1,2-Dichlorobenzene-d4	12.192	152	190820	48.958	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	154242	45.792	ug/L	99
3) Chloromethane	1.524	50	170279	52.861	ug/L	99
5) Vinyl chloride	1.607	62	169918	51.721	ug/L	99
6) Bromomethane	1.855	94	97049	54.884	ug/L	97
8) Chloroethane	1.935	64	105932	51.364	ug/L	99
9) Trichlorofluoromethane	2.141	101	215739	46.569	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	128779	48.090	ug/L	98
12) 1,1-Dichloroethene	2.581	96	122991	49.350	ug/L	89
13) Acetone	2.623	43	146477	69.604	ug/L	99
14) Carbon disulfide	2.797	76	334645	42.480	ug/L	99
15) Methyl Acetate	2.948	43	166663	49.666	ug/L	97
16) Methylene chloride	3.048	84	152567	53.348	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	133614	49.706	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	417146	55.006	ug/L	99
19) 1,1-Dichloroethane	3.874	63	252390	54.441	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	153014	51.922	ug/L	94
22) 2-Butanone	4.700	43	240677	88.783	ug/L	96
23) Bromochloromethane	4.977	128	84641	52.311	ug/L	96
25) Chloroform	5.089	83	263080	52.708	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048017.D
 Acq On : 13 Apr 2022 20:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050198

Quant Time: Apr 14 03:11:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	202387	52.484	ug/L	98
29) Cyclohexane	5.392	56	196713	51.574	ug/L	96
30) 1,1,1-Trichloroethane	5.318	97	218360	51.233	ug/L	99
31) Carbon tetrachloride	5.527	117	183695	47.729	ug/L	100
33) Benzene	5.774	78	582482	53.537	ug/L	100
34) Trichloroethene	6.543	95	145777	51.106	ug/L	99
35) Methylcyclohexane	6.765	83	207849	47.897	ug/L	97
37) 1,2-Dichloropropane	6.794	63	153900	55.642	ug/L	100
38) Bromodichloromethane	7.105	83	196516	51.740	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	216978	50.559	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	446629	102.170	ug/L	98
42) Toluene	7.970	91	633043	53.027	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	214476	50.053	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	157142	53.570	ug/L	99
46) Tetrachloroethene	8.556	164	123567	48.206	ug/L	99
48) 2-Hexanone	8.684	43	360970	95.996	ug/L	98
49) Dibromochloromethane	8.810	129	166011	48.862	ug/L	99
50) 1,2-Dibromoethane	8.925	107	168813	51.333	ug/L	100
51) Chlorobenzene	9.446	112	423014	52.187	ug/L	98
52) Ethylbenzene	9.572	91	651264	51.884	ug/L	99
53) m,p-Xylene	9.694	106	260807	52.952	ug/L	99
54) o-Xylene	10.102	106	257273	53.221	ug/L	99
55) Styrene	10.115	104	438699	53.155	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	277314	50.427	ug/L	99
59) Bromoform	10.292	173	131670	47.002	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	214955	52.048	ug/L	98
61) Isopropylbenzene	10.485	105	651586	55.033	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	342399	53.299	ug/L	100
63) 1,2,4-Trimethylbenzene	11.469	105	530443	54.360	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	337680	51.312	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	339872	49.860	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	341979	51.934	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	63515	48.011	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	255415	47.789	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	230803	49.302	ug/L	100
71) Naphthalene	14.086	128	708645	50.773	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	234190	49.902	ug/L	99

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

