

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
 Data File : VU054012.D
 Acq On : 30 Apr 2023 01:29
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050084

Quant Time: May 01 03:02:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 01 02:19:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	275360	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	256594	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	141154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	103462	49.680	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.360%
7) Chloroethane-d5	1.912	69	68760	50.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.565	63	184201	49.868	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.740%
21) 2-Butanone-d5	4.623	46	119034	100.216	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.220%
24) Chloroform-d	5.057	84	196130	51.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.560%
26) 1,2-Dichloroethane-d4	5.697	65	124176	50.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.120%
32) Benzene-d6	5.723	84	384470	50.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.684	67	121957	51.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.300%
41) Toluene-d8	7.893	98	354301	51.958	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.920%
43) trans-1,3-Dichloroprop...	8.173	79	58841	49.866	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.740%
47) 2-Hexanone-d5	8.629	63	82644	96.771	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.770%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	156478	49.822	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.640%
66) 1,2-Dichlorobenzene-d4	12.189	152	144309	52.333	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	96406	48.526	ug/L	99
3) Chloromethane	1.520	50	89569	49.056	ug/L	98
5) Vinyl chloride	1.604	62	95356	49.101	ug/L	97
6) Bromomethane	1.858	94	50188	46.360	ug/L	98
8) Chloroethane	1.932	64	51478	48.644	ug/L	99
9) Trichlorofluoromethane	2.137	101	149202	48.414	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	87993	47.742	ug/L	99
12) 1,1-Dichloroethene	2.578	96	78850	49.366	ug/L	97
13) Acetone	2.636	43	78098	66.989	ug/L	99
14) Carbon disulfide	2.790	76	170135	47.992	ug/L	98
15) Methyl Acetate	2.948	43	90797	49.731	ug/L	100
16) Methylene chloride	3.044	84	96578	47.942	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	82067	50.247	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	299222	49.833	ug/L	99
19) 1,1-Dichloroethane	3.864	63	174555	49.777	ug/L	98
20) cis-1,2-Dichloroethene	4.661	96	99905	49.777	ug/L	98
22) 2-Butanone	4.703	43	123516	89.738	ug/L	98
23) Bromochloromethane	4.970	128	52013	49.986	ug/L	97
25) Chloroform	5.083	83	185060	50.010	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
 Data File : VU054012.D
 Acq On : 30 Apr 2023 01:29
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050084

Quant Time: May 01 03:02:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 01 02:19:21 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	140717	49.438	ug/L	99
29) Cyclohexane	5.385	56	130593	49.245	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	158465	49.547	ug/L	99
31) Carbon tetrachloride	5.520	117	133155	48.801	ug/L	98
33) Benzene	5.768	78	373583	50.020	ug/L	100
34) Trichloroethene	6.536	95	97864	49.370	ug/L	97
35) Methylcyclohexane	6.758	83	133430	47.995	ug/L	99
37) 1,2-Dichloropropane	6.787	63	104481	49.447	ug/L	99
38) Bromodichloromethane	7.099	83	130147	48.889	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	159353	48.209	ug/L	99
40) 4-Methyl-2-pentanone	7.784	43	242848	98.621	ug/L	99
42) Toluene	7.964	91	389336	50.074	ug/L	98
44) trans-1,3-Dichloropropene	8.205	75	150041	47.763	ug/L	98
45) 1,1,2-Trichloroethane	8.391	97	102300	50.019	ug/L	96
46) Tetrachloroethene	8.549	164	75755	48.171	ug/L	100
48) 2-Hexanone	8.681	43	186310	95.471	ug/L	97
49) Dibromochloromethane	8.803	129	98200	48.726	ug/L	100
50) 1,2-Dibromoethane	8.919	107	103402	49.810	ug/L	100
51) Chlorobenzene	9.443	112	253059	48.661	ug/L	99
52) Ethylbenzene	9.565	91	433499	49.538	ug/L	100
53) m,p-Xylene	9.690	106	162707	49.515	ug/L	95
54) o-Xylene	10.095	106	161545	50.251	ug/L	100
55) Styrene	10.108	104	278458	50.500	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	154629	47.995	ug/L	98
59) Bromoform	10.285	173	73303	46.386	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	124580	47.515	ug/L	99
61) Isopropylbenzene	10.478	105	430434	48.308	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	357350	48.942	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	353192	49.076	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	202136	46.385	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	207032	46.648	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	210212	47.796	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	31485	47.070	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	148108	46.902	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	132441	46.263	ug/L	100
71) Naphthalene	14.079	128	394682	47.531	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	134940	47.384	ug/L	98

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

