

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021722\
 Data File : VU047203.D
 Acq On : 17 Feb 2022 14:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050169

Quant Time: Feb 18 00:57:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	294996	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	296365	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	165473	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	109725	40.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.900%
7) Chloroethane-d5	1.916	69	107537	54.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.300%
11) 1,1-Dichloroethene-d2	2.575	63	180868	40.738	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.480%
21) 2-Butanone-d5	4.626	46	264076	127.091	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.090%
24) Chloroform-d	5.067	84	240889	55.384	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.760%
26) 1,2-Dichloroethane-d4	5.703	65	163214	58.465	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.920%
32) Benzene-d6	5.729	84	456544	46.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.680%
36) 1,2-Dichloropropane-d6	6.694	67	158252	49.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.060%
41) Toluene-d8	7.900	98	419541	44.722	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.440%
43) trans-1,3-Dichloroprop...	8.179	79	82463	49.248	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.500%
47) 2-Hexanone-d5	8.633	63	206776	112.960	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	266070	57.108	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	183466	46.749	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	105395	38.345	ug/L	98
3) Chloromethane	1.527	50	138060	50.759	ug/L	99
5) Vinyl chloride	1.607	62	121995	44.508	ug/L	100
6) Bromomethane	1.861	94	97497	61.150	ug/L	99
8) Chloroethane	1.935	64	84364	53.389	ug/L	96
9) Trichlorofluoromethane	2.141	101	145448	45.823	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	81962	41.921	ug/L	95
12) 1,1-Dichloroethene	2.585	96	83255	43.400	ug/L	97
13) Acetone	2.636	43	136051	89.883	ug/L	96
14) Carbon disulfide	2.800	76	255883	42.501	ug/L	99
15) Methyl Acetate	2.951	43	145284	57.037	ug/L	98
16) Methylene chloride	3.051	84	119614	56.349	ug/L	97
17) trans-1,2-Dichloroethene	3.360	96	98282	48.765	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	385688	56.589	ug/L	97
19) 1,1-Dichloroethane	3.877	63	195280	51.592	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	122595	54.993	ug/L	99
22) 2-Butanone	4.707	43	224342	110.463	ug/L	98
23) Bromochloromethane	4.980	128	69062	58.416	ug/L	96
25) Chloroform	5.093	83	207869	56.064	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021722\
 Data File : VU047203.D
 Acq On : 17 Feb 2022 14:01
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050169

Quant Time: Feb 18 00:57:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	173666	58.948	ug/L	99
29) Cyclohexane	5.392	56	141996	36.558	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	158374	44.615	ug/L	98
31) Carbon tetrachloride	5.530	117	129828	42.182	ug/L	100
33) Benzene	5.777	78	449739	48.654	ug/L	100
34) Trichloroethene	6.546	95	110030	45.824	ug/L	99
35) Methylcyclohexane	6.768	83	152312	37.805	ug/L	97
37) 1,2-Dichloropropane	6.793	63	124139	50.136	ug/L	98
38) Bromodichloromethane	7.109	83	166185	52.659	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	201917	50.176	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	425515	108.523	ug/L	96
42) Toluene	7.973	91	482116	47.485	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	196256	50.757	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	127766	54.787	ug/L	95
46) Tetrachloroethene	8.555	164	83358	43.156	ug/L	94
48) 2-Hexanone	8.684	43	354843	109.432	ug/L	96
49) Dibromochloromethane	8.813	129	143592	53.220	ug/L	98
50) 1,2-Dibromoethane	8.925	107	143770	55.499	ug/L	99
51) Chlorobenzene	9.449	112	314641	48.332	ug/L	99
52) Ethylbenzene	9.575	91	505184	45.464	ug/L	99
53) m,p-Xylene	9.697	106	197961	44.903	ug/L	98
54) o-xylene	10.105	106	201305	46.375	ug/L	97
55) Styrene	10.118	104	356297	47.703	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	233780	56.864	ug/L	99
59) Bromoform	10.292	173	116137	51.697	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	185788	52.669	ug/L	97
61) Isopropylbenzene	10.488	105	489499	42.081	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	342516	41.547	ug/L	98
63) 1,2,4-Trimethylbenzene	11.469	105	424286	42.390	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	244793	45.101	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	248661	45.575	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	253877	47.002	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	55070	49.002	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	189399	45.122	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	185630	46.653	ug/L	98
71) Naphthalene	14.086	128	718014	50.972	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	192195	48.511	ug/L	98

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

