

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046145.D
 Acq On : 07 Dec 2021 17:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050126

Quant Time: Dec 08 04:54:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	231363	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	228187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	126055	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	85618	44.924	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.840%
7) Chloroethane-d5	1.919	69	63085	43.112	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.220%
11) 1,1-Dichloroethene-d2	2.575	63	157688	46.089	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.180%
21) 2-Butanone-d5	4.639	46	137730	90.907	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.910%
24) Chloroform-d	5.070	84	152092	47.788	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.580%
26) 1,2-Dichloroethane-d4	5.706	65	98391	46.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.120%
32) Benzene-d6	5.732	84	325047	49.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.693	67	99130	48.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.820%
41) Toluene-d8	7.902	98	304700	51.168	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.340%
43) trans-1,3-Dichloroprop...	8.182	79	51179	52.305	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.620%
47) 2-Hexanone-d5	8.635	63	104578	108.817	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	149193	48.535	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.080%
66) 1,2-Dichlorobenzene-d4	12.195	152	122208	50.341	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	104555	41.537	ug/L	98
3) Chloromethane	1.523	50	90700	40.285	ug/L	99
5) Vinyl chloride	1.607	62	99183	43.690	ug/L	100
6) Bromomethane	1.864	94	59498	46.241	ug/L	98
8) Chloroethane	1.938	64	56153	42.721	ug/L	98
9) Trichlorofluoromethane	2.144	101	133368	44.999	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	85273	50.653	ug/L	96
12) 1,1-Dichloroethene	2.587	96	79266	49.549	ug/L	84
13) Acetone	2.652	43	142970	75.506	ug/L	97
14) Carbon disulfide	2.800	76	220872	44.502	ug/L	100
15) Methyl Acetate	2.957	43	100262	45.422	ug/L	96
16) Methylene chloride	3.050	84	91563	48.107	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	86164	50.896	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	277869	53.258	ug/L	100
19) 1,1-Dichloroethane	3.877	63	151955	49.366	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	95527	52.003	ug/L	99
22) 2-Butanone	4.716	43	169691	82.324	ug/L	95
23) Bromochloromethane	4.980	128	48887	52.693	ug/L	90
25) Chloroform	5.092	83	166530	48.692	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	121383	47.829	ug/L	98
29) Cyclohexane	5.394	56	134033	50.444	ug/L	97
30) 1,1,1-Trichloroethane	5.320	97	142820	50.989	ug/L	98
31) Carbon tetrachloride	5.529	117	121091	50.923	ug/L	98
33) Benzene	5.777	78	352114	50.984	ug/L	100
34) Trichloroethene	6.546	95	94664	52.030	ug/L	98
35) Methylcyclohexane	6.767	83	142582	50.541	ug/L	98
37) 1,2-Dichloropropane	6.793	63	90514	50.031	ug/L	100
38) Bromodichloromethane	7.108	83	119952	49.883	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	149084	54.168	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	269081	101.230	ug/L	98
42) Toluene	7.973	91	392995	53.031	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	142448	52.696	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	94833	52.248	ug/L	98
46) Tetrachloroethene	8.555	164	74241	55.526	ug/L	96
48) 2-Hexanone	8.687	43	224051	94.250	ug/L	96
49) Dibromochloromethane	8.812	129	101854	53.438	ug/L	98
50) 1,2-Dibromoethane	8.925	107	102728	52.204	ug/L	100
51) Chlorobenzene	9.449	112	256358	53.471	ug/L	98
52) Ethylbenzene	9.571	91	432510	54.230	ug/L	97
53) m,p-Xylene	9.697	106	172412	55.432	ug/L	98
54) o-xylene	10.102	106	166592	55.199	ug/L	96
55) Styrene	10.118	104	288725	56.034	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.787	83	156280	50.221	ug/L	98
59) Bromoform	10.295	173	76393	51.660	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	131150	47.462	ug/L	99
61) Isopropylbenzene	10.487	105	441380	53.816	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	378223	55.327	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	382755	55.962	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	210332	53.988	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	215518	53.526	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	205544	52.391	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	38163	51.843	ug/L	92
69) 1,3,5-Trichlorobenzene	13.220	180	156025	54.964	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	147545	58.572	ug/L	99
71) Naphthalene	14.089	128	529318	60.384	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	145283	56.558	ug/L	98

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

