

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121721\
 Data File : VU046482.D
 Acq On : 17 Dec 2021 19:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050150

Quant Time: Dec 17 23:31:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 17 03:50:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141543	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	143648	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81499	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	46336	39.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.480%
7) Chloroethane-d5	1.919	69	36721	41.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.040%
11) 1,1-Dichloroethene-d2	2.575	63	92461	44.174	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.340%
21) 2-Butanone-d5	4.636	46	80326	86.663	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.660%
24) Chloroform-d	5.067	84	99459	51.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	5.703	65	62662	47.954	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.900%
32) Benzene-d6	5.732	84	182314	44.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.560%
36) 1,2-Dichloropropane-d6	6.694	67	56311	44.131	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.260%
41) Toluene-d8	7.899	98	166856	44.510	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.020%
43) trans-1,3-Dichloroprop...	8.182	79	28518	46.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.600%
47) 2-Hexanone-d5	8.633	63	61857	102.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.240%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	88725	45.850	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.700%
66) 1,2-Dichlorobenzene-d4	12.195	152	65564	41.773	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	77392	50.256	ug/L	99
3) Chloromethane	1.523	50	70457	51.152	ug/L	99
5) Vinyl chloride	1.607	62	73532	52.945	ug/L	100
6) Bromomethane	1.864	94	42568	54.077	ug/L	99
8) Chloroethane	1.938	64	43666	54.302	ug/L	100
9) Trichlorofluoromethane	2.144	101	107652	59.371	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	57687	56.011	ug/L	98
12) 1,1-Dichloroethene	2.585	96	54108	55.286	ug/L	91
13) Acetone	2.652	43	74536	64.344	ug/L	99
14) Carbon disulfide	2.800	76	161190	53.086	ug/L	100
15) Methyl Acetate	2.958	43	64240	47.571	ug/L	96
16) Methylene chloride	3.051	84	66037	56.713	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	59788	57.727	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	188751	59.135	ug/L	99
19) 1,1-Dichloroethane	3.877	63	110616	58.740	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	65627	58.397	ug/L	100
22) 2-Butanone	4.716	43	103861	82.362	ug/L	97
23) Bromochloromethane	4.980	128	33333	58.727	ug/L	92
25) Chloroform	5.092	83	116641	55.747	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	96064	61.872	ug/L	98
29) Cyclohexane	5.391	56	93904	56.140	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	105834	60.021	ug/L	99
31) Carbon tetrachloride	5.530	117	91019	60.803	ug/L	100
33) Benzene	5.777	78	251638	57.879	ug/L	100
34) Trichloroethene	6.543	95	65324	57.033	ug/L	98
35) Methylcyclohexane	6.764	83	104898	59.066	ug/L	99
37) 1,2-Dichloropropane	6.793	63	64967	57.043	ug/L	100
38) Bromodichloromethane	7.108	83	86939	57.431	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	101580	58.628	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	180615	107.938	ug/L	99
42) Toluene	7.970	91	273079	58.536	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	97634	57.374	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	65325	57.171	ug/L	96
46) Tetrachloroethene	8.555	164	49933	59.324	ug/L	98
48) 2-Hexanone	8.684	43	146866	98.140	ug/L	99
49) Dibromochloromethane	8.813	129	69071	57.565	ug/L	98
50) 1,2-Dibromoethane	8.925	107	69633	56.210	ug/L	99
51) Chlorobenzene	9.449	112	168800	55.928	ug/L	100
52) Ethylbenzene	9.571	91	289327	57.627	ug/L	98
53) m,p-Xylene	9.697	106	115177	58.823	ug/L	99
54) o-xylene	10.102	106	112535	59.231	ug/L	96
55) Styrene	10.115	104	193978	59.801	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	108481	55.377	ug/L	100
59) Bromoform	10.292	173	50734	53.065	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	90451	50.629	ug/L	98
61) Isopropylbenzene	10.485	105	290947	54.868	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	253354	57.322	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	259063	58.585	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	135232	53.689	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	139058	53.418	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	135440	53.396	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	27655	58.107	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	103400	56.339	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	92342	56.699	ug/L	99
71) Naphthalene	14.086	128	347500	61.316	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	99002	59.611	ug/L	100

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

