

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
 Data File : VU046128.D
 Acq On : 07 Dec 2021 10:11
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050125

Quant Time: Dec 08 04:51:49 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	252243	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	246106	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	134101	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	96000	46.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.400%
7) Chloroethane-d5	1.919	69	71110	44.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.140%
11) 1,1-Dichloroethene-d2	2.575	63	172696	46.298	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.600%
21) 2-Butanone-d5	4.639	46	146076	88.435	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.440%
24) Chloroform-d	5.067	84	165884	47.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.620%
26) 1,2-Dichloroethane-d4	5.707	65	109168	46.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.760%
32) Benzene-d6	5.732	84	355459	50.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.780%
36) 1,2-Dichloropropane-d6	6.694	67	106294	48.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.240%
41) Toluene-d8	7.903	98	331683	51.644	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.280%
43) trans-1,3-Dichloroprop...	8.182	79	55268	52.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.740%
47) 2-Hexanone-d5	8.636	63	109647	105.785	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.780%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	157634	47.547	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.100%
66) 1,2-Dichlorobenzene-d4	12.195	152	130602	50.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	112509	40.997	ug/L	99
3) Chloromethane	1.523	50	99217	40.420	ug/L	99
5) Vinyl chloride	1.607	62	105707	42.709	ug/L	100
6) Bromomethane	1.864	94	65473	46.673	ug/L	99
8) Chloroethane	1.938	64	61924	43.212	ug/L	96
9) Trichlorofluoromethane	2.144	101	141982	43.940	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	91766	49.997	ug/L	95
12) 1,1-Dichloroethene	2.588	96	84693	48.559	ug/L	86
13) Acetone	2.658	43	158028	76.550	ug/L	95
14) Carbon disulfide	2.800	76	241261	44.586	ug/L	100
15) Methyl Acetate	2.957	43	111522	46.341	ug/L	97
16) Methylene chloride	3.051	84	99891	48.138	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	92128	49.914	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	309617	54.431	ug/L	100
19) 1,1-Dichloroethane	3.877	63	163994	48.867	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	104756	52.307	ug/L	99
22) 2-Butanone	4.719	43	190003	84.548	ug/L	96
23) Bromochloromethane	4.980	128	53872	53.260	ug/L	92
25) Chloroform	5.092	83	181450	48.663	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	135779	49.072	ug/L	99
29) Cyclohexane	5.395	56	144261	50.340	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	152510	50.484	ug/L	99
31) Carbon tetrachloride	5.530	117	128710	50.186	ug/L	97
33) Benzene	5.777	78	379267	50.917	ug/L	100
34) Trichloroethene	6.546	95	103498	52.743	ug/L	98
35) Methylcyclohexane	6.768	83	158016	51.934	ug/L	99
37) 1,2-Dichloropropane	6.793	63	97575	50.007	ug/L	99
38) Bromodichloromethane	7.108	83	133801	51.591	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	162842	54.858	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	292490	102.025	ug/L	98
42) Toluene	7.973	91	421776	52.771	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	156484	53.674	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	103145	52.690	ug/L	97
46) Tetrachloroethene	8.555	164	78870	54.693	ug/L	96
48) 2-Hexanone	8.687	43	246687	96.216	ug/L	99
49) Dibromochloromethane	8.813	129	112021	54.493	ug/L	97
50) 1,2-Dibromoethane	8.925	107	113871	53.653	ug/L	97
51) Chlorobenzene	9.449	112	274566	53.099	ug/L	99
52) Ethylbenzene	9.571	91	461750	53.681	ug/L	99
53) m,p-Xylene	9.697	106	181826	54.202	ug/L	99
54) o-xylene	10.102	106	178101	54.715	ug/L	96
55) Styrene	10.118	104	308455	55.504	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	168817	50.300	ug/L	99
59) Bromoform	10.295	173	83106	52.828	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	143794	48.916	ug/L	99
61) Isopropylbenzene	10.488	105	467424	53.572	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	400351	55.050	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	405558	55.739	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	223220	53.859	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	228164	53.267	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	221669	53.111	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	41293	52.729	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	164842	54.586	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	157213	58.666	ug/L	99
71) Naphthalene	14.086	128	562216	60.289	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	155204	56.795	ug/L	99

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

