

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121421\
 Data File : VU046346.D
 Acq On : 14 Dec 2021 11:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 15 01:21:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	152685	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	157878	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	89581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59323	47.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.340%
7) Chloroethane-d5	1.922	69	45062	46.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.320%
11) 1,1-Dichloroethene-d2	2.578	63	101548	44.975	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.960%
21) 2-Butanone-d5	4.642	46	83574	83.587	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.590%
24) Chloroform-d	5.070	84	108821	51.811	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.620%
26) 1,2-Dichloroethane-d4	5.706	65	68890	48.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.740%
32) Benzene-d6	5.735	84	204861	45.273	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
36) 1,2-Dichloropropane-d6	6.697	67	63625	45.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.740%
41) Toluene-d8	7.902	98	186460	45.257	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.520%
43) trans-1,3-Dichloroprop...	8.182	79	31711	46.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.680%
47) 2-Hexanone-d5	8.635	63	63067	94.848	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.850%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	100815	47.402	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	71879	41.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	66210	39.857	ug/L	99
3) Chloromethane	1.526	50	60292	40.578	ug/L	99
5) Vinyl chloride	1.610	62	63450	42.352	ug/L	100
6) Bromomethane	1.864	94	37477	44.135	ug/L	96
8) Chloroethane	1.941	64	39791	45.872	ug/L	100
9) Trichlorofluoromethane	2.147	101	96568	49.372	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	55256	49.736	ug/L	99
12) 1,1-Dichloroethene	2.587	96	48070	45.533	ug/L	96
13) Acetone	2.665	43	92476	74.005	ug/L	96
14) Carbon disulfide	2.803	76	116637	35.610	ug/L	99
15) Methyl Acetate	2.960	43	63946	43.898	ug/L	98
16) Methylene chloride	3.054	84	59821	47.626	ug/L	97
17) trans-1,2-Dichloroethene	3.362	96	50454	45.159	ug/L	96
18) Methyl tert-butyl Ether	3.369	73	166391	48.325	ug/L	98
19) 1,1-Dichloroethane	3.877	63	105413	51.892	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	58659	48.388	ug/L	98
22) 2-Butanone	4.726	43	113499	83.437	ug/L	99
23) Bromochloromethane	4.983	128	31465	51.391	ug/L	95
25) Chloroform	5.095	83	114766	50.849	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	88627	52.917	ug/L	98
29) Cyclohexane	5.398	56	73364	39.907	ug/L	98
30) 1,1,1-Trichloroethane	5.324	97	95703	49.383	ug/L	98
31) Carbon tetrachloride	5.529	117	84090	51.111	ug/L	97
33) Benzene	5.780	78	232273	48.609	ug/L	100
34) Trichloroethene	6.546	95	58443	46.427	ug/L	97
35) Methylcyclohexane	6.767	83	78878	40.412	ug/L	97
37) 1,2-Dichloropropane	6.796	63	62945	50.287	ug/L	98
38) Bromodichloromethane	7.108	83	90399	54.335	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	93914	49.318	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	175234	95.283	ug/L	100
42) Toluene	7.973	91	250314	48.820	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	93767	50.135	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	64876	51.661	ug/L	98
46) Tetrachloroethene	8.558	164	43846	47.397	ug/L	96
48) 2-Hexanone	8.690	43	151166	91.909	ug/L	100
49) Dibromochloromethane	8.812	129	73581	55.797	ug/L	96
50) 1,2-Dibromoethane	8.928	107	65996	48.473	ug/L	99
51) Chlorobenzene	9.449	112	159550	48.099	ug/L	99
52) Ethylbenzene	9.574	91	270129	48.953	ug/L	100
53) m,p-Xylene	9.697	106	106463	49.472	ug/L	98
54) o-xylene	10.102	106	103385	49.511	ug/L	97
55) Styrene	10.118	104	186782	52.393	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	112623	52.310	ug/L	99
59) Bromoform	10.295	173	54348	51.716	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	92228	46.967	ug/L	98
61) Isopropylbenzene	10.488	105	272100	46.684	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	231445	47.641	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	239955	49.368	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	131282	47.418	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	135379	47.313	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	131173	47.048	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	27888	53.310	ug/L	99
69) 1,3,5-Trichlorobenzene	13.220	180	97850	48.505	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	88226	49.284	ug/L	99
71) Naphthalene	14.089	128	332273	53.339	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	93498	51.218	ug/L	98

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

[illegible]