

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046022.D
 Acq On : 29 Nov 2021 14:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

Quant Time: Nov 30 02:11:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 02:06:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	196573	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	194260	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	104017	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78639	48.565	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery =	97.120%		
7) Chloroethane-d5	1.919	69	59788	48.090	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery =	96.180%		
11) 1,1-Dichloroethene-d2	2.575	63	139058	47.838	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	95.680%		
21) 2-Butanone-d5	4.645	46	126693	98.422	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery =	98.420%		
24) Chloroform-d	5.067	84	134612	49.781	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	99.560%		
26) 1,2-Dichloroethane-d4	5.707	65	86996	47.938	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	95.880%		
32) Benzene-d6	5.732	84	277449	49.831	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	99.660%		
36) 1,2-Dichloropropane-d6	6.694	67	83155	48.190	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery =	96.380%		
41) Toluene-d8	7.899	98	256483	50.593	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	101.180%		
43) trans-1,3-Dichloroprop...	8.179	79	44406	53.309	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	106.620%		
47) 2-Hexanone-d5	8.636	63	86568	105.809	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery =	105.810%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	130690	49.941	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery =	99.880%		
66) 1,2-Dichlorobenzene-d4	12.195	152	100169	50.005	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	100.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	104644	48.930	ug/L	100
3) Chloromethane	1.523	50	89668	46.875	ug/L	99
5) Vinyl chloride	1.607	62	94447	48.967	ug/L	99
6) Bromomethane	1.861	94	54881	50.202	ug/L	95
8) Chloroethane	1.938	64	54540	48.837	ug/L	98
9) Trichlorofluoromethane	2.144	101	122068	48.475	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	70755	49.467	ug/L	99
12) 1,1-Dichloroethene	2.584	96	67512	49.671	ug/L	98
13) Acetone	2.671	43	138199	85.904	ug/L	99
14) Carbon disulfide	2.800	76	205656	48.769	ug/L	100
15) Methyl Acetate	2.961	43	88591	47.238	ug/L	99
16) Methylene chloride	3.051	84	73394	45.386	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	69819	48.540	ug/L	100
18) Methyl tert-butyl Ether	3.369	73	225924	50.966	ug/L	100
19) 1,1-Dichloroethane	3.874	63	125156	47.855	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	77098	49.399	ug/L	98
22) 2-Butanone	4.726	43	156921	89.603	ug/L	100
23) Bromochloromethane	4.980	128	39644	50.293	ug/L	95
25) Chloroform	5.092	83	136874	47.104	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112921\
 Data File : VU046022.D
 Acq On : 29 Nov 2021 14:44
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV036

Quant Time: Nov 30 02:11:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 30 02:06:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	104370	48.403	ug/L	99
29) Cyclohexane	5.395	56	117400	51.900	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	119212	49.993	ug/L	99
31) Carbon tetrachloride	5.530	117	104162	51.454	ug/L	100
33) Benzene	5.777	78	292882	49.814	ug/L	100
34) Trichloroethene	6.546	95	76636	49.477	ug/L	98
35) Methylcyclohexane	6.768	83	127641	53.147	ug/L	99
37) 1,2-Dichloropropane	6.793	63	75716	49.161	ug/L	100
38) Bromodichloromethane	7.108	83	101497	49.580	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	122848	52.431	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	232845	102.897	ug/L	98
42) Toluene	7.973	91	325762	51.636	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	120901	52.537	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	76053	49.219	ug/L	98
46) Tetrachloroethene	8.555	164	57474	50.493	ug/L	98
48) 2-Hexanone	8.687	43	203720	100.664	ug/L	98
49) Dibromochloromethane	8.812	129	82738	50.990	ug/L	96
50) 1,2-Dibromoethane	8.925	107	85580	51.085	ug/L	99
51) Chlorobenzene	9.449	112	202098	49.515	ug/L	100
52) Ethylbenzene	9.571	91	355259	52.323	ug/L	99
53) m,p-Xylene	9.697	106	139511	52.688	ug/L	99
54) o-xylene	10.102	106	136513	53.132	ug/L	100
55) Styrene	10.115	104	234319	53.417	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	133475	50.384	ug/L	99
59) Bromoform	10.292	173	62548	51.259	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	112886	49.508	ug/L	98
61) Isopropylbenzene	10.488	105	362795	53.606	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	312172	55.340	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	310128	54.951	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	165299	51.419	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	167613	50.449	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	162363	50.153	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	31035	51.092	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	123545	52.743	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	113187	54.453	ug/L	100
71) Naphthalene	14.086	128	430456	59.510	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	118863	56.076	ug/L	99

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

